



REGISTERS, GRILLES & DIFFUSERS

AUTHORIZED DISTRIBUTOR
LIST PRICING

HCPL-42 rev3

EFFECTIVE: JAN 9, 2012

TERMS & CONDITIONS

SALE OF ALL GOODS ARE EXPRESSLY CONDITIONED UPON THE TERMS CONTAINED
IN THE HART & COOLEY WHOLESALE DISCOUNT SCHEDULE HCDS-48.

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Rezzin™ (plastic)

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Finish Symbols

(GS) Golden Sand
(W) Bright White
(SA) Satin Anodized
(AL) Aluminum

Damper/valve symbols

(OB) Opposed-blade damper
(MS) Multi-shutter valve

Disclaimer: We reserve the right to make changes in the product, product specifications, packaging, and list prices without notice.



3
Sidewall Stud
Frame*



11
Duct Ring*



12
Butterfly
Damper*
- round



16
Ceiling Diffuser*
- round
- step down



21
Installation
Frame*

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			

3 SIDEWALL STUD FRAME

10 x 6	043802	E				10		8.99
12 x 4	043803							8.08
12 x 6	043804	E				10		9.86
14 x 6	043806	E				10		10.78
24 x 6	043808							15.16
30 x 6	043810							17.84

11 DUCT RING

6 (GS)	013200	E	M			10		4.33
8 (GS)	013201	E	M		H	10		4.95
10 (GS)	013202	E	M		H	10		6.26
12 (GS)	013203	E	M		H	10		7.53
14 (GS)	013204	E	M		H	10		8.50
18 (GS)	013205	E				5		14.39

12 BUTTERFLY DAMPER

6 (GS)	013220	E	M	D	H	20		10.71
8 (GS)	013221	E	M	D	H	20		10.86
10 (GS)	013222	E	M	D	H	10		13.38
12 (GS)	013223	E	M		H	10		17.56
14 (GS)	013224	E	M		H	10		21.18
18 (GS)	013225	E				5		42.59

16 CEILING DIFFUSER

6 (W)	012900	E	M	D	H	20	160	6.78
8 (W)	012901	E	M	D	H	20	120	7.69
10 (W)	012902	E	M	D	H	10	90	9.65
12 (W)	012903	E	M	D	H	10		12.79
14 (W)	012904	E	M		H	10		16.75
18 (W)	012905	E	M		H	1		49.64

21 INSTALLATION FRAME

6 (GS)	013240							5.71
8 (GS)	013241							6.45
10 (GS)	013242							7.23
12 (GS)	013243							8.30
14 (GS)	013244							11.16
16 (GS)	013245							13.08
18 (GS)	013246							15.11
20 (GS)	013247							17.90
22 (GS)	013248							20.09
24 (GS)	013249							22.61



22
Butterfly
Damper*
- square



23
OB Damper*
- square
- step down



24
Ceiling
Diffuser*
- square
- step down

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			

22 BUTTERFLY DAMPER

6 (GS)	013275	E				20		12.75
8 (GS)	013276	E			H	20		12.98
10 (GS)	013277	E			H	10		14.84
12 (GS)	013278	E			H	10		17.74
14 (GS)	013279	E				10		21.61

23 OB DAMPER

6	013290							12.65
8	013291							14.19
10	013292							17.28
12	013293							18.87
14	013294							23.70
16	013295							32.91
18	013296							39.38
20	013297							45.57
22	013298							50.24
24	013299							56.37

24 CEILING DIFFUSER

6 (W)	012950	E			H	10		15.54
8 (W)	012951	E	M		H	10		18.79
10 (W)	012952	E	M		H	10		22.80
12 (W)	012953	E	M		H	5		26.50
14 (W)	012954	E			H	5		33.43
16 (W)	012955							42.92
18 (W)	012956							89.50
20 (W)	012957							58.92
22 (W)	012958							67.26
24 (W)	012959							141.91

* Available in Listed Sizes Only

* Available in Listed Sizes Only

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			

210 FLOOR REGISTER

4 x 8 (GS)	010630	E	M		H	10		17.43
4 x 10 (GS)	010631	E	M		H	10		18.44
4 x 12 (GS)	010632	E	M		H	10		20.47
4 x 14 (GS)	010633							23.54
6 x 6 (GS)	010634							17.76
6 x 8 (GS)	010635	E	M		H	10		18.77
6 x 10 (GS)	010636	E	M		H	10		19.46
6 x 12 (GS)	010637	E	M		H	10		21.68
6 x 14 (GS)	010638	E	M		H	10		23.70
6 x 16 (GS)	010660							34.07
8 x 8 (GS)	010639	E			H	10		20.97
8 x 10 (GS)	010640	E			H	10		21.31
8 x 12 (GS)	010641	E	M		H	10		23.88
8 x 14 (GS)	010642	E	M		H	10		28.63
9 x 12 (GS)	010644	E			H	10		26.63
10 x 10 (GS)	010646							25.54
10 x 12 (GS)	010647	E			H	5		26.74
10 x 14 (GS)	010648							36.63
12 x 12 (GS)	010650							31.35
12 x 14 (GS)	010651	E				5		33.05



**210
Floor
Register**
- MS valve

265 FLOOR GRILLE

4 x 8 (GS)	011850							9.78
4 x 10 (GS)	011851	E	M		H	6		11.86
4 x 12 (GS)	011852	E			H	6		12.06
4 x 14 (GS)	011853	E	M		H	6		12.65
4 x 18 (GS)	011855							20.21
4 x 24 (GS)	011856	E				6		25.18
4 x 30 (GS)	011857	E				6		28.89
6 x 10 (GS)	011860	E	M		H	6		12.02
6 x 12 (W)	012098	E				6		12.84
6 x 12 (GS)	011861	E	M		H	6	144	12.84
6 x 14 (GS)	011862	E	M		H	6	120	13.46
6 x 16 (GS)	011863	E				6		18.30
6 x 18 (GS)	011864	E				6		20.90
6 x 20 (GS)	011865	E	M			6		22.67
6 x 24 (GS)	011866	E	M		H	6		23.18
6 x 30 (GS)	011867	E	M		H	6		29.54
6 x 36 (GS)	011868							53.47
8 x 8 (GS)	011869	E				6		12.49
8 x 10 (GS)	011870	E			H	6		13.11
8 x 12 (GS)	011871	E	M		H	6		13.94
8 x 14 (GS)	011872	E	M		H	6		16.31
8 x 16 (GS)	011873	E			H	6		20.21
8 x 18 (GS)	011874	E				6		21.80
8 x 20 (GS)	011875	E	M		H	6		25.04
8 x 24 (GS)	011876	E	M		H	6		26.50
8 x 30 (GS)	011877	E	M		H	6		30.92
9 x 12 (GS)	011879							16.65
10 x 10 (GS)	011880	E	M		H	6		16.14
10 x 12 (GS)	011881	E	M		H	6		16.87
10 x 14 (GS)	011882	E	M		H	6		19.61
10 x 16 (GS)	011883	E		D		6		22.53
10 x 18 (GS)	011884							26.21
10 x 20 (GS)	011885	E	M		H	4		27.53
10 x 24 (GS)	011887	E	M		H	4		30.57
10 x 30 (GS)	011888	E	M		H	4		33.22
12 x 12 (GS)	011890	E	M		H	6		20.21
12 x 14 (GS)	011891	E			H	6		21.53
12 x 16 (GS)	011892	E				6		23.58
12 x 18 (GS)	011893							26.35
12 x 20 (GS)	011894	E	M		H	4		27.68
12 x 24 (GS)	011895	E	M		H	4		30.63
12 x 30 (GS)	011896	E	M		H	4		37.69
14 x 14 (GS)	011898	E	M		H	6		28.41
14 x 16 (GS)	011899	E				6		29.90
14 x 20 (GS)	011901	E	M		H	4		31.86



**265
Floor Grille**
- Maximum
Width 24"



**265
Floor Grille**
- Maximum
Width 24"



**301
Sidewall/Ceiling
Register***
- one-way
deflection
- stamped curved
blade
- MS valve



**302
Sidewall/Ceiling
Register***
- two-way
deflection
- stamped curved
blade
- MS valve

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			

265 FLOOR GRILLE (Continued)

14 x 24 (GS)	011903	E	M		H	4		35.42
14 x 30 (GS)	011906	E	M		H	4		40.97
16 x 16 (GS)	011908				H	2		36.95
16 x 20 (GS)	011910	E			H	4		40.27
16 x 24 (GS)	011911	E			H	4		43.27
16 x 30 (GS)	011912	E			H	4		52.02
18 x 18 (GS)	011913							41.29
18 x 24 (GS)	011915				H	4		46.68
18 x 30 (GS)	011916							58.69
20 x 20 (GS)	011918	E	M		H	1		52.02
20 x 24 (GS)	011919	E			H	1		57.03
20 x 25 (GS)	013942				H	5		60.77
20 x 30 (GS)	011920	E			H	1		64.54
24 x 24 (GS)	011923	E			H	1		67.72
24 x 30 (GS)	011924	E			H	1		83.82
24 x 36 (GS)	011925	E			H	1		108.16

301 SIDEWALL/CEILING REGISTER

6 x 6 (W)	013399							12.44
8 x 4 (W)	013400	E		D	H	10		6.67
8 x 6 (W)	013401	E		D	H	10		7.55
8 x 8 (W)	013402	E			H	10		9.06
10 x 4 (W)	013403	E			H	10		7.34
10 x 6 (W)	013404	E	M	D	H	20		7.75
10 x 8 (W)	013405	E		D	H	10		9.56
10 x 10 (W)	013406	E			H	10		13.99
12 x 4 (W)	013407	E			H	10		7.63
12 x 6 (W)	013408	E	M	D	H	20		8.47
12 x 8 (W)	013409	E		D	H	10		10.23
12 x 12 (W)	013410	E			H	10		17.42
14 x 4 (W)	013411							8.09
14 x 6 (W)	013412	E	M	D	H	20		9.00
14 x 8 (W)	013413	E			H	10		10.52

302 SIDEWALL/CEILING REGISTER

8 x 4 (W)	013440							22.59
8 x 8 (W)	013442							9.06
10 x 6 (W)	013444							7.75
10 x 8 (W)	013445							9.56
12 x 6 (W)	013448							8.47
12 x 8 (W)	013449	E			H	10		10.23
14 x 6 (W)	013452	E				20		9.00
14 x 8 (W)	013453	E				10		10.52

* Available in Listed Sizes Only

* Available in Listed Sizes Only



**303
Sidewall/Ceiling
Register***
- three way
deflection
- stamped curved
blade
- MS valve

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
303 SIDEWALL/CEILING REGISTER								
6 x 6 (W)	013419	E	M		H	10		7.02
8 x 4 (W)	013420	E	M	D	H	10		6.67
8 x 6 (W)	013421	E	M		H	10		7.55
8 x 8 (W)	013422	E	M		H	10		9.06
10 x 4 (W)	013423	E	M		H	10		7.34
10 x 6 (W)	013424	E	M	D	H	20		7.75
10 x 8 (W)	013425	E		D	H	10		9.56
10 x 10 (W)	013426	E			H	10		13.99
12 x 6 (W)	013428	E	M	D	H	20		8.47
12 x 8 (W)	013429	E		D	H	10		10.23
12 x 12 (W)	013430	E	M		H	10		17.42
14 x 4 (W)	013431							8.15
14 x 6 (W)	013432	E	M	D	H	20		9.00
14 x 8 (W)	013433	E	M	D	H	10		10.52
16 x 6 (W)	013436							34.36



**304
Sidewall/Ceiling
Register***
- four way
deflection
- stamped curved
blade
- MS valve

304 SIDEWALL/CEILING REGISTER								
6 x 6 (W)	013459	E	M	D	H	10		7.02
8 x 8 (W)	013462	E	M	D	H	10		9.06
10 x 10 (W)	013466	E	M	D	H	10		13.99
12 x 12 (W)	013470	E	M	D	H	10		17.42
14 x 14 (W)	013474	E	M		H	10		23.37

Note: For other sizes not listed, check the c-series or contact your customer service representative.



**301M
Curved-Blade
Register***

110M SIDEWALL/CEILING REGISTER								
6 x 6 (W)	703961		M	D	H	10		10.56
8 x 4 (W)	703962		M	D	H	10		9.25
8 x 8 (W)	703963		M	D	H	10		10.56
10 x 4 (W)	703948		M	D	H	10		10.56
10 x 6 (W)	703949		M		H	10		10.56
10 x 8 (W)	703950		M	D	H	10		11.91
10 x 10 (W)	703947		M	D	H	10		13.21
12 x 4 (W)	703952		M	D	H	10		10.56
12 x 6 (W)	703953		M	D	H	10		11.91
12 x 8 (W)	703954		M	D	H	10		13.21
12 x 12 (W)	703951		M	D	H	10		15.85
14 x 4 (W)	703955		M	D	H	10		11.91
14 x 6 (W)	703956		M	D	H	10		13.21
14 x 8 (W)	703957		M	D	H	10		15.20
16 x 8 (W)	703958		M	D	H	10		15.20
18 x 6 (W)	703959		M	D	H	10		16.52
24 x 6 (W)	703960		M	D	H	10		19.81



**302M
Curved-Blade
Register***
- two way airflow
- multi-louver
damper
- metal handle

301M CURVED-BLADE REGISTER								
6 x 6 (W)	703880	E	M		H	20		7.31
8 x 4 (W)	703881	E		D	H	20		6.95
8 x 6 (W)	703996	E	M	D	H	20		7.85
8 x 8 (W)	703882	E	M		H	20		10.43
10 x 6 (W)	703873	E		D	H	20		8.06
10 x 8 (W)	703874	E	M	D	H	20		9.94
10 x 10 (W)	703872	E		D	H	20		14.55
12 x 4 (W)	556380					20		7.94
12 x 6 (W)	703876	E		D	H	20		8.80
12 x 8 (W)	703877	E		D	H	20		10.65
12 x 12 (W)	703875	E	M		H	10		18.13
14 x 6 (W)	703878	E		D	H	20		9.37
14 x 8 (W)	703879	E			H	10		10.95
14 x 10 (W)	580503					10		14.50

302M CURVED-BLADE REGISTER								
10 x 6 (W)	703884	E	M		H	20		8.06
10 x 8 (W)	703885	E	M		H	20		9.94
10 x 10 (W)	703883	E	M		H	20		12.30
12 x 6 (W)	703887		M		H	20		8.80
12 x 8 (W)	703888	E	M		H	20		10.65
12 x 12 (W)	703886	E	M		H	10		17.47



**303M
Curved-Blade
Register***
- three way airflow
- multi-louver
damper
- metal handle



**304M
Curved-
Blade Register***
- four way airflow
- multi-louver
damper
- metal handle



**405
Baseboard
Diffuser***



**406
Baseboard
Diffuser***
- 15" and 18"
length
- plate damper



**407
Baseboard
Diffuser***
- 18" length



**411
Deluxe Floor
Diffuser***

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
303M CURVED-BLADE REGISTER								
6 x 6 (W)	556386		M			10		7.31
8 x 4 (W)	703897	E	M	D	H	20		6.95
8 x 6 (W)	556388			D	H	10		7.85
8 x 8 (W)	556389		M		H	20		9.41
10 x 6 (W)	703890	E	M	D	H	20		8.06
10 x 8 (W)	703891	E		D	H	20		9.94
10 x 10 (W)	703889	E	M		H	20		14.55
12 x 6 (W)	703893	E	M	D	H	20		8.80
12 x 8 (W)	703894	E	M	D	H	20		10.65
12 x 12 (W)	703892	E	M		H	10		18.13
14 x 6 (W)	703895	E	M	D	H	20		9.37
14 x 8 (W)	703896	E	M	D	H	10		10.95
14 x 10 (W)	580504					10		14.50
304M CURVED-BLADE REGISTER								
6 x 6 (W)	703901	E	M		H	20		7.31
8 x 8 (W)	703902	E	M	D	H	20		9.41
10 x 10 (W)	703898	E	M	D	H	20		14.55
12 x 12 (W)	703899	E	M	D	H	10		18.13
14 x 14 (W)	703900	E	M		H	10		24.30

405 BASEBOARD DIFFUSER								
18" (W)	448062	E				12		9.29

406 BASEBOARD DIFFUSER								
15" (W)	086627	E	M		H	10		8.60
15" (GS)	553675							8.60
18" (W)	010680	E	M	D	H	12	156	8.60
18" (GS)	010681	E		D	H	12	156	8.60

407 BASEBOARD RETURN								
18" (W)	011960	E			H	12		7.97
18" (GS)	011961	E				12		7.97

411 DELUXE FLOOR DIFFUSER								
2 x 10 (W)	010685	E	M			20		11.52
2 x 10 (GS)	010686	E	M		H	20		11.52
2 x 12 (W)	010687	E				20		12.67
2 x 12 (GS)	010688	E	M		H	20		12.67
2 x 14 (W)	010689	E				20		14.37
2 x 14 (GS)	010690	E	M			20		14.37
4 x 10 (W)	010691	E	M		H	10		13.35
4 x 10 (GS)	010692	E	M		H	10	320	13.35
4 x 12 (W)	010693	E	M		H	10		14.75
4 x 12 (GS)	010694	E	M		H	10	320	14.75
4 x 14 (W)	010695	E	M			10		16.65
4 x 14 (GS)	010696	E	M		H	10		16.65
6 x 10 (W)	010697	E				10		20.14
6 x 10 (GS)	010698	E	M		H	10	240	20.14
6 x 12 (W)	010699	E	M			10		21.01
6 x 12 (GS)	010700	E	M	D	H	10	240	21.01
6 x 14 (W)	010701	E	M		H	10		21.90
6 x 14 (GS)	010702	E	M		H	10		21.90

* Available in Listed Sizes Only

* Available in Listed Sizes Only



420
Toe-Space Grille*

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
420 TOE-SPACE GRILLE								
10 x 2 (W)	011300	E	M		H	15		3.38
10 x 2 (GS)	011301	E	M	D	H	15		3.38
10 x 4 (W)	011306	E	M		H	10		3.91
10 x 4 (GS)	011307	E	M		H	10		3.91
12 x 2 (W)	011302	E	M		H	15	480	3.71
12 x 2 (GS)	011303	E	M	D	H	15	480	3.71
12 x 4 (W)	011308	E	M		H	10		4.59
12 x 4 (GS)	011309	E	M		H	10		4.59
14 x 2 (W)	011304	E	M		H	15		4.07
14 x 2 (GS)	011305	E	M	D	H	15		4.07
14 x 4 (W)	011310	E	M			10		5.20
14 x 4 (GS)	011311	E				10		5.20



421
Stamped
Floor Diffuser*

421 STAMPED FLOOR DIFFUSER								
2 x 10 (W)	010711	E	M	D	H	30		4.58
2 x 10 (GS)	010710	E	M	D	H	30	720	4.58
2 x 12 (W)	010713	E	M		H	30	720	4.73
2 x 12 (GS)	010712	E	M	D	H	30	720	4.73
2 x 14 (W)	010715	E	M		H	30		5.47
2 x 14 (GS)	010714	E	M	D	H	30	720	5.47
4 x 8 (W)	010706	E	M		H	20		4.00
4 x 8 (GS)	010705	E	M	D	H	20		4.00
4 x 10 (W)	010718	E	M	D	H	20	400	4.06
4 x 10 (GS)	010717	E	M	D	H	20	400	4.06
4 x 12 (W)	010720	E	M	D	H	20	400	5.53
4 x 12 (GS)	010719	E	M	D	H	20	400	5.53
4 x 14 (W)	010722	E	M		H	20	400	6.64
4 x 14 (GS)	010721	E	M	D	H	20	400	6.64
6 x 10 (W)	010764	E	M		H	10		7.75
6 x 10 (GS)	010765	E	M	D	H	10		7.75
6 x 12 (W)	010766	E	M		H	10		8.66
6 x 12 (GS)	010767	E	M	D	H	10		8.66
6 x 14 (W)	010768	E	M		H	10		9.17
6 x 14 (GS)	010769	E	M		H	10		9.17



462
Baseboard Diffuser*
- 2' length
- plate damper

462 BASEBOARD DIFFUSER								
2' (W)	010726	E	M		H	12	144	16.76
2' (GS)	010725	E			H	12		16.76



464
Baseboard Diffuser*
- 4' length

464 BASEBOARD DIFFUSER								
4' (W)	010728	E	M		H	4	152	30.68
4' (GS)	010727	E			H	4		30.68



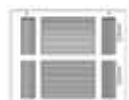
472
Baseboard Return*
- 2' length

472 BASEBOARD RETURN								
2' (W)	011975	E				12		15.77
2' (GS)	011976							15.77



474
Baseboard Return*
- 4' length

474 BASEBOARD RETURN								
4' (W)	011977	E				4		28.74
4' (GS)	011978	E				4		28.74



621
Sidewall/Ceiling
Register*
- four-way deflection
- 1/3" fin spacing
- MS valve

621 SIDEWALL/CEILING REGISTER								
6 x 6 (W)	010744	E				10		6.95
8 x 8 (W)	010745	E			H	10		9.20
10 x 10 (W)	010746	E	M		H	10		13.16
12 x 12 (W)	010747	E			H	10		17.20
14 x 14 (W)	010748							26.90
16 x 16 (W)	010749							28.07



631
Sidewall/
Ceiling
Register*
- three-way
deflection
- 1/3" fin
spacing
- MS valve

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
631 SIDEWALL/CEILING REGISTER								
8 x 4 (W)	010750	E			H	10	420	6.31
8 x 6 (W)	010751	E			H	10		6.76
10 x 4 (W)	010752	E		D	H	20		6.64
10 x 6 (W)	010753	E		D	H	20	360	7.11
10 x 8 (W)	010754							9.70
12 x 4 (W)	010755	E		D	H	20		7.16
12 x 6 (W)	010756	E	M	D	H	20	360	7.90
12 x 8 (W)	010757				H	10		10.24
14 x 4 (W)	010758	E			H	10		7.97
14 x 6 (W)	010759	E			H	20		8.79
14 x 8 (W)	010760							11.43
16 x 6 (W)	010761							12.54



650
Return
Air Grille
- 1/3" fin
spacing

650 RETURN AIR GRILLE								
6 x 4 (W)	043100	E				20		2.82
6 x 6 (W)	043101	E	M		H	20		2.94
6 x 10 (W)	012086							3.45
6 x 14 (W)	043102	E			H	10		4.26
8 x 4 (W)	043104	E				10		3.12
8 x 6 (W)	043105	E			H	10		3.28
8 x 8 (W)	043106	E	M		H	10		3.61
8 x 14 (W)	043107	E				10		4.27
10 x 4 (W)	043108	E	M		H	10		3.28
10 x 6 (W)	043109	E	M		H	10	270	3.45
10 x 8 (W)	043110	E	M			10		4.06
10 x 10 (W)	043111	E	M		H	10		5.81
10 x 12 (W)	012361							6.23
10 x 14 (W)	043112							8.15
10 x 20 (W)	043113	E				10		8.89
10 x 24 (W)	043114							10.51
12 x 4 (W)	043116	E	M		H	10		3.52
12 x 6 (W)	043117	E	M	D	H	10	240	3.28
12 x 8 (W)	043118	E	M		H	10		4.26
12 x 10 (W)	043119	E	M			10		6.23
12 x 12 (W)	043120	E	M		H	10	240	6.38
12 x 14 (W)	043121	E				10		7.55
12 x 16 (W)	043122		M			10		26.47
12 x 18 (W)	043123							20.54
12 x 20 (W)	043124	E				10		10.26
12 x 24 (W)	043125	E			H	10		11.81
14 x 4 (W)	043126	E	M		H	10		3.64
14 x 4 (GS)	013976							3.64
14 x 6 (W)	043127	E	M	D	H	10	200	3.50
14 x 6 (GS)	012150							3.50
14 x 8 (W)	043128	E	M	D	H	10	200	4.23
14 x 10 (W)	043129	E	M	D	H	10		7.02
14 x 12 (W)	043130	E	M		H	10		7.55
14 x 14 (W)	043131	E	M	D	H	5	300	8.05
14 x 16 (W)	043132							10.56
14 x 18 (W)	043133							11.91
14 x 20 (W)	043134	E	M		H	5		12.37
14 x 24 (W)	043135	E	M		H	5		14.85
14 x 30 (W)	043136	E			H	5		18.70
16 x 4 (W)	043137	E	M		H	10		5.38
16 x 6 (W)	043138	E	M		H	10		4.95
16 x 8 (W)	043139	E	M		H	10		5.50
16 x 10 (W)	043140	E	M		H	10		8.15
16 x 12 (W)	043141	E	M			10		9.00
16 x 14 (W)	043142	E	M			5		10.56
16 x 16 (W)	043143	E	M	D	H	5	200	10.62
16 x 20 (W)	043144	E	M		H	5		13.49

* Available in Listed Sizes Only

* Available in Listed Sizes Only

RESIDENTIAL

REGISTERS, GRILLES & DIFFUSERS



**650
Return Air Grille**
- 1/3" fin spacing

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
650 RETURN AIR GRILLE (Continured)								
16 x 24 (W)	043145	E			H	5		16.73
16 x 24 (GS)	010258	E				5		16.73
18 x 6 (W)	043146	E				10		5.13
18 x 8 (W)	043147	E		D	H	10		5.71
18 x 10 (W)	043148	E	M			10		8.66
18 x 12 (W)	043149	E	M		H	10		9.47
18 x 14 (W)	043150							11.91
18 x 16 (W)	043151	E				5		13.04
18 x 18 (W)	043152	E	M		H	5		14.14
18 x 24 (W)	043153							19.50
20 x 4 (W)	012173							8.08
20 x 6 (W)	043154	E	M			10		5.27
20 x 8 (W)	043155	E	M		H	10		5.58
20 x 10 (W)	043156	E	M		H	10		8.89
20 x 12 (W)	043157	E	M		H	10		10.26
20 x 14 (W)	043158	E	M		H	5		12.37
20 x 16 (W)	043159	E	M		H	5		13.49
20 x 18 (W)	043160	E	M			5		15.95
20 x 20 (W)	043161	E	M	D	H	5	100	16.47
20 x 24 (W)	043162	E			H	5		20.97
20 x 25 (W)	043163	E	M		H	5		23.56
20 x 25 (GS)	019006					5		23.56
20 x 30 (W)	043164							26.32
24 x 4 (W)	043165	E	M			10		5.39
24 x 4 (GS)	027363					10		5.39
24 x 6 (W)	043166	E	M		H	10	120	5.50
24 x 8 (W)	043167	E	M		H	10		6.00
24 x 10 (W)	043168	E	M		H	10		10.51
24 x 12 (W)	043169	E	M		H	10		11.81
24 x 14 (W)	043170	E	M		H	5		14.85
24 x 16 (W)	043171	E	M		H	5		16.73
24 x 18 (W)	043172	E				5		19.50
24 x 20 (W)	043173	E	M			5		20.97
24 x 24 (W)	043174	E	M		H	5		26.79
24 x 24 (GS)	015169							26.79
24 x 30 (W)	043175							32.39
30 x 4 (W)	043176	E			H	10		6.23
30 x 6 (W)	043177	E	M	D	H	10	110	6.08
30 x 8 (W)	043178	E	M	D	H	10		7.90
30 x 10 (W)	043179	E	M		H	10		12.07
30 x 12 (W)	043180	E	M		H	5		13.37
30 x 14 (W)	043181	E	M			5		18.71
30 x 16 (W)	043182	E	M			5		20.97
30 x 18 (W)	043183							32.35
30 x 20 (W)	043184	E	M			5		26.32
30 x 24 (W)	043185	E				5		32.49
30 x 30 (W)	043186	E				5		38.45
36 x 6 (W)	043187							15.12
36 x 8 (W)	043188							16.93
36 x 10 (W)	043189							19.83
36 x 12 (W)	043190	E				5		21.78

Note: For 650 sizes not listed, check the 94A and RH45 Series, or contact your Customer Service Representative.



**651
Sidewall Register**
- 1/3" fin spacing
- plate damper
- 3/16" turnback



**654
Baseboard
Register***
- 1/3" fin spacing
- plate damper
- 7/8" turnback

651 SIDEWALL REGISTER								
8 x 4 (W)	043600							10.48
8 x 6 (W)	043601							10.77
10 x 4 (W)	043602							11.06
10 x 6 (W)	043603	E			H	20		11.13
12 x 4 (W)	043604							11.54
12 x 6 (W)	043605	E			H	20		11.58
14 x 6 (W)	043606	E				10		12.55
654 BASEBOARD REGISTER								
10 x 6 (W)	043620	E				20		11.06
12 x 6 (W)	043621	E			H	20		12.19
14 x 6 (W)	043622	E				10		13.42



**655
Baseboard
Register***
- 1/3" fin spacing
- plate damper
- 3/4" base
projection



**657
Baseboard
Return***
- 1/3" fin spacing
- 7/8" turnback



**658
Baseboard
Return***
- 1/3" fin spacing
- 3/4" base
projection

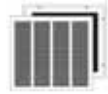


**659
Return Air
Filter Grille**
- 1/3" fin spacing
- uses standard
1" filters
(not included)
- removable face

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
655 BASEBOARD REGISTER								
8 x 6 (W)	043630	E			H	8		14.88
10 x 6 (W)	043631	E			H	8		15.61
12 x 6 (W)	043632	E			H	8		16.12
14 x 6 (W)	043633	E			H	8		16.97
657 BASEBOARD RETURN								
10 x 6 (W)	043641	E				10		5.98
10 x 8 (W)	043642							9.06
12 x 6 (W)	043644	E				10		6.09
12 x 8 (W)	043645	E				10		6.45
14 x 4 (W)	043646							5.60
14 x 6 (W)	043649	E	M	D	H	20	480	5.11
14 x 6 (GS)	043648	E	M			20		5.11
14 x 8 (W)	043650	E	M		H	10	240	6.75
14 x 10 (W)	043651	E	M		H	10		7.03
14 x 12 (W)	043652							8.07
16 x 6 (W)	043653	E	M			10		7.76
16 x 8 (W)	043654	E	M		H	10		9.11
20 x 6 (W)	043659	E	M			10		10.65
20 x 8 (W)	043660	E	M		H	10		11.86
20 x 10 (W)	043661							13.00
24 x 6 (W)	043663	E	M		H	10		8.31
24 x 6 (GS)	012450							8.31
24 x 8 (W)	043664	E	M		H	10		10.84
24 x 10 (W)	043665	E	M		H	10		13.11
24 x 12 (W)	043666	E	M		H	10		14.84
30 x 6 (W)	043670	E	M	D	H	10	240	8.96
30 x 6 (GS)	043669	E				10		8.96
30 x 8 (W)	043671	E	M		H	10		12.51
30 x 10 (W)	043672	E	M		H	10		14.19
30 x 12 (W)	043673	E	M			10		15.18
36 x 6 (W)	043674	E	M			10		15.46
36 x 8 (W)	043675		M			10		23.60
658 BASEBOARD RETURN								
10 x 6 (W)	043700	E				8		8.88
12 x 6 (W)	043701	E			H	8		9.37
14 x 6 (W)	043702	E			H	8		10.08
14 x 8 (W)	043703	E				8		11.76
24 x 6 (W)	043704	E			H	8		13.42
24 x 8 (W)	043705	E				8		17.10
30 x 6 (W)	043706	E			H	8		15.12
30 x 8 (W)	043707	E	M		H	8		21.07
659 RETURN AIR FILTER GRILLE								
10 x 10 (W)	012700	E		D		5	135	17.15
10 x 20 (W)	043400				H	5	90	22.58
12 x 6 (W)	012701							17.47
12 x 12 (W)	043401	E	M		H	5	90	17.41
12 x 20 (W)	043402				H	5	60	22.43
12 x 24 (W)	043403	E			H	5	60	23.94
14 x 6 (W)	012703				H	5		18.70
14 x 14 (W)	043404	E	M		H	5	60	19.05
14 x 20 (W)	043405	E	M		H	3	66	23.31

* Available in Listed Sizes Only

* Available in Listed Sizes Only



**659
Return Air
Filter Grille**
- 1/3" fin spacing
- uses standard
1" filters
(not included)
- removable face

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
659 RETURN AIR FILTER GRILLE (Continued)								
14 x 24 (W)	043406	E	M		H	5	60	25.57
14 x 25 (W)	043407	E			H	3	48	26.53
14 x 30 (W)	043408	E			H	3	48	33.74
16 x 16 (W)	043409	E	M		H	5	60	23.31
16 x 20 (W)	043410	E	M		H	3	78	25.28
16 x 25 (W)	043411	E			H	3	48	33.45
16 x 30 (W)	012762							43.67
18 x 12 (W)	043412							21.47
18 x 18 (W)	043413	E	M		H	5	60	27.63
18 x 24 (W)	043414							32.39
20 x 10 (W)	043415	E	M		H	5	90	22.58
20 x 12 (W)	043416	E	M		H	5	60	22.43
20 x 14 (W)	043417	E	M		H	3	66	23.31
20 x 16 (W)	043418	E	M			3	78	25.28
20 x 20 (W)	043419	E	M	D	H	3	39	27.24
20 x 24 (W)	012767							70.44
20 x 25 (W)	043420	E	M		H	3	39	31.91
20 x 25 (GS)	012891					3	39	31.91
20 x 30 (W)	043421	E	M		H	3	39	41.81
24 x 6 (W)	012668							16.19
24 x 8 (W)	012697							28.22
24 x 10 (W)	043422	E			H	1		26.84
24 x 12 (W)	043423	E	M		H	5	40	23.09
24 x 14 (W)	043424	E	M		H	5	40	25.23
24 x 16 (W)	043425	E			H	5	40	29.72
24 x 18 (W)	043426				H	5	40	32.39
24 x 20 (W)	043427	E			H	3	48	37.00
24 x 24 (W)	043428	E	M		H	3	36	39.88
24 x 30 (W)	043429	E			H	3	48	51.63
24 x 36 (W)	012738							65.70
25 x 14 (W)	043430	E	M		H	5	40	26.53
25 x 16 (W)	043431	E	M		H	3	48	33.45
25 x 20 (W)	043432	E	M		H	3	39	32.25
25 x 25 (W)	043433	E			H	3	24	44.12
30 x 6 (W)	012695							28.29
30 x 8 (W)	012680							35.19
30 x 10 (W)	043434	E	M		H	3	72	28.56
30 x 12 (W)	043435	E			H	1		29.59
30 x 14 (W)	043436	E	M		H	3	39	33.74
30 x 16 (W)	012684							43.74
30 x 18 (W)	043437							47.58
30 x 20 (W)	043438	E			H	3	24	41.81
30 x 24 (W)	043439	E	M		H	3	24	51.63
30 x 30 (W)	043440	E			H	1		70.04
36 x 14 (W)	012722				H	1		44.88

Note: For 659 sizes not listed, check the 96AFB or RHF45 Series, or contact your Customer Service Representative.



**661
Sidewall/Ceiling
Register**
- two-way deflection
- 1/3" fin spacing
- MS valve

661 SIDEWALL/CEILING REGISTER								
8 x 6 (W)	010814	E	M		H	10	540	6.64
8 x 8 (W)	010815	E	M			10		9.11
10 x 4 (W)	010816	E	M	D	H	20	480	6.26
10 x 5 (W)	010818	E	M		H	10		7.46
10 x 6 (W)	010819	E	M	D	H	20	360	6.69
10 x 8 (W)	010820	E			H	10		9.52
10 x 10 (W)	010854	E	M			10		13.00
12 x 4 (W)	010821	E	M	D	H	20	480	6.66
12 x 5 (W)	010822	E	M		H	10		8.05
12 x 6 (W)	010823	E	M	D	H	20	360	7.53
12 x 8 (W)	010825	E	M		H	10		10.04
12 x 10 (W)	010826	E			H	10		16.19
12 x 12 (W)	010844	E			H	10		16.86
14 x 4 (W)	010827	E	M	D	H	10	420	7.75
14 x 5 (W)	010829	E			H	10		8.52
14 x 6 (W)	010830	E	M	D	H	20	360	8.58
14 x 8 (W)	010832	E	M		H	10		11.16
16 x 4 (W)	010847							8.20



**661
Sidewall/
Ceiling
Register**
- two-way
deflection
- 1/3" fin
spacing
- MS valve

**661MFL
Sidewall/
Ceiling
Register**
- with fusible
link



**664
Baseboard
Register**
- 1/3" fin
spacing
- MS valve
- 7/8" turnback



**672
Return Air
Grille**
- 1/2" fin spacing

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
661 SIDEWALL/CEILING REGISTER (Continued)								
16 x 6 (W)	010833	E			H	10		12.26
16 x 8 (W)	010834	E			H	10		14.70
18 x 6 (W)	010835	E				10		23.64
18 x 8 (W)	010836	E				10		24.89
20 x 6 (W)	010837	E				6		24.24
20 x 8 (W)	010838	E				6		35.57
24 x 4 (W)	026770							32.73
24 x 6 (W)	010839	E				6		32.73
24 x 8 (W)	010840	E				6		41.22
30 x 6 (W)	010841	E				6		40.41
30 x 8 (W)	010842							44.89

661MFL SIDEWALL/CEILING REGISTER WITH FUSIBLE LINK								
6 x 6 (W)	013727							18.01
8 x 4 (W)	013968				H	10		22.73
8 x 8 (W)	014002							20.13
10 x 4 (W)	010862	E	M		H	10		17.13
10 x 6 (W)	013949	E			H	10		17.59
12 x 4 (W)	010863	E			H	10		17.57
12 x 6 (W)	010861	E			H	20		18.43
14 x 6 (W)	012107							19.55

Not a UL-listed assembly; see page 18

664 BASEBOARD REGISTER								
8 x 6 (W)	010880	E				10		9.41
10 x 6 (W)	010881	E			H	20		10.24
12 x 6 (W)	010883	E			H	20		11.13
12 x 8 (W)	010884	E				10		16.12
14 x 6 (W)	010885	E			H	20		12.06

672 RETURN AIR GRILLE								
6 x 4 (W)	043300	E	M	D	H	20		2.82
6 x 6 (W)	043301	E	M	D	H	20		2.94
6 x 12 (W)	073112							3.28
8 x 4 (W)	043303	E	M		H	10		3.12
8 x 6 (W)	043304	E	M		H	10		3.28
8 x 8 (W)	043305	E	M	D	H	10		3.61
8 x 14 (W)	043306	E	M		H	10		4.27
10 x 4 (W)	043307	E	M		H	10		3.28
10 x 6 (W)	043308	E	M	D	H	10	270	3.45
10 x 8 (W)	043309	E	M	D	H	10		4.06
10 x 10 (W)	043310	E	M	D	H	10		5.81
10 x 12 (W)	073125							6.23
10 x 14 (W)	073126	E			H	10		8.15
10 x 20 (W)	043311	E			H	10		8.89
10 x 24 (W)	043312	E			H	10		10.51
12 x 4 (W)	043314	E	M		H	10		3.52
12 x 4 (GS)	026362							3.50
12 x 6 (W)	043315	E	M	D	H	10	240	3.28
12 x 8 (W)	043316	E	M	D	H	10		4.26
12 x 10 (W)	043317	E	M		H	10		6.23
12 x 12 (W)	043318	E	M	D	H	10	240	6.38
12 x 12 (GS)	015009							6.38
12 x 14 (W)	043319	E			H	10		7.55
12 x 16 (W)	043320	E			H	10		9.00
12 x 18 (W)	043321	E				10		9.47
12 x 20 (W)	043322	E	M		H	10		10.26
12 x 24 (W)	043323	E	M	D	H	10		11.81
14 x 4 (W)	043324	E	M		H	10		3.64
14 x 6 (W)	043325	E	M	D	H	10	200	3.50
14 x 8 (W)	043326	E	M	D	H	10	200	4.23
14 x 10 (W)	043327	E	M		H	10		7.02
14 x 12 (W)	043328	E	M			10		7.55
14 x 14 (W)	043329	E	M	D	H	5	300	8.05



672
Return Air Grille
- ½" fin spacing

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
672 RETURN AIR GRILLE (Continued)								
14 x 14 (GS)	011987	E				5		8.05
14 x 16 (W)	043330	E			H	5		10.56
14 x 18 (W)	043331							11.91
14 x 20 (W)	043332	E	M		H	5		12.37
14 x 24 (W)	043333	E	M	D		5		14.85
14 x 25 (W)	013925	E			H	5		15.44
14 x 30 (W)	073133	E	M			5		18.71
16 x 6 (W)	043334	E	M			10		4.95
16 x 8 (W)	043335	E	M	D	H	10		5.50
16 x 10 (W)	043336	E	M	D	H	10		8.15
16 x 12 (W)	043337	E	M	D	H	10		9.00
16 x 14 (W)	043338	E	M			5		10.56
16 x 16 (W)	043339	E	M	D	H	5	200	10.62
16 x 16 (GS)	014826							10.62
16 x 20 (W)	043340	E	M		H	5		13.49
16 x 20 (GS)	010265							13.49
16 x 24 (W)	043341	E		D	H	5		16.73
16 x 25 (W)	013991	E			H	5		17.41
16 x 30 (W)	073137							21.17
18 x 4 (W)	011980	E			H	10		4.96
18 x 6 (W)	043342	E	M		H	10		8.64
18 x 8 (W)	043343	E		D	H	10		5.71
18 x 10 (W)	043344	E			H	10		9.47
18 x 12 (W)	043345	E	M		H	10		9.47
18 x 14 (W)	043346	E				5		11.91
18 x 16 (W)	043347							13.04
18 x 18 (W)	043348	E	M	D	H	5		14.14
18 x 24 (W)	043349	E	M		H	5		19.50
20 x 6 (W)	043350	E	M		H	10		5.27
20 x 8 (W)	043351	E	M	D	H	10		5.58
20 x 10 (W)	043352	E	M	D	H	10		8.89
20 x 10 (GS)	020183	E				10		8.89
20 x 12 (W)	043353	E	M	D	H	10		10.26
20 x 14 (W)	043354	E	M	D	H	5		12.37
20 x 16 (W)	043355	E	M		H	5		13.49
20 x 18 (W)	043356	E			H	5		15.95
20 x 20 (W)	043357	E	M	D	H	5	100	16.47
20 x 20 (GS)	011971							16.47
20 x 24 (W)	043358	E	M		H	5		20.97
20 x 25 (W)	043359	E		D	H	5		23.56
20 x 25 (GS)	013930							23.56
20 x 30 (W)	043360	E	M		H	5		26.32
24 x 4 (W)	043361	E	M		H	10		9.07
24 x 6 (W)	043362	E	M	D	H	10		5.50
24 x 8 (W)	043363	E	M	D	H	10		6.00
24 x 10 (W)	043364	E	M	D	H	10		10.51
24 x 12 (W)	043365	E	M	D	H	10		11.81
24 x 14 (W)	043366	E	M	D	H	5		14.85
24 x 14 (GS)	027986							14.85
24 x 16 (W)	043367	E	M	D	H	5		16.73
24 x 18 (W)	043368	E	M		H	5		19.50
24 x 20 (W)	043369	E	M	D	H	5		20.97
24 x 24 (W)	043370	E	M	D	H	5		26.79
24 x 24 (GS)	014662							26.79
24 x 30 (W)	073060	E			H	5		32.39
25 x 16 (W)	013915							17.41
25 x 20 (W)	013980	E	M		H	5		31.70
25 x 25 (W)	011989							63.04
30 x 4 (W)	043371	E	M		H	10		7.61
30 x 6 (W)	043372	E	M	D	H	10	110	6.08
30 x 8 (W)	043373	E	M	D	H	10		7.90
30 x 10 (W)	043374	E	M	D	H	10		12.07
30 x 12 (W)	043375	E	M	D	H	5		13.37
30 x 14 (W)	043376	E	M	D	H	5		18.71
30 x 16 (W)	043377	E	M		H	5		20.97
30 x 16 (GS)	030296							20.97



672
Return Air Grille
- ½" fin spacing



673
Return Air
Filter Grille
- ½" fin spacing
- uses standard 1"
filters
(not included)
- removable face

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
672 RETURN AIR GRILLE (Continued)								
30 x 18 (W)	043378	E	M		H	5		24.39
30 x 20 (W)	043379	E	M	D	H	5		26.32
30 x 24 (W)	043380	E	M		H	5		32.49
30 x 30 (W)	043381	E	M		H	5		38.45
36 x 8 (W)	073147							16.93
36 x 10 (W)	073148							22.02
36 x 12 (W)	043382	E	M		H	5		21.56
36 x 14 (W)	073150							30.70

Note: For 672 sizes not listed, check the 94A or RH45 Series, or contact your Customer Service Representative.

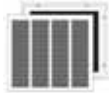
673 RETURN AIR FILTER GRILLE								
10 x 6 (W)	013687	E			H	5		16.95
10 x 10 (W)	013924	E	M		H	5	135	17.15
10 x 20 (W)	043500	E			H	5	60	22.58
12 x 12 (W)	043501	E	M	D	H	5	120	17.93
12 x 18 (W)	073170							21.47
12 x 20 (W)	043502	E	M		H	5	60	22.43
12 x 24 (W)	043503	E	M	D	H	5	40	23.94
12 x 30 (W)	013995							29.59
12 x 36 (W)	013990	E		D	H	1	30	39.50
14 x 6 (W)	073173	E			H	5		18.70
14 x 8 (W)	073157							37.34
14 x 14 (W)	043504	E	M	D	H	5	40	19.05
14 x 16 (W)	073176							32.86
14 x 20 (W)	043505	E	M	D	H	3	39	23.31
14 x 24 (W)	043506	E	M	D	H	5	40	25.57
14 x 25 (W)	043507	E	M	D	H	5	40	26.53
14 x 30 (W)	043508	E	M	D	H	3	48	33.74
16 x 16 (W)	043509	E	M	D	H	5	60	23.31
16 x 20 (W)	043510	E	M	D	H	3	39	25.28
16 x 24 (W)	073184		M		H	3		29.72
16 x 25 (W)	043511	E	M	D	H	3	36	33.45
16 x 30 (W)	013987	E	M		H	3	24	43.67
16 x 32 (W)	013777				H	1		47.69
16 x 36 (W)	010203							84.50
18 x 12 (W)	043512	E	M		H	5	60	21.47
18 x 18 (W)	043513	E	M	D	H	5	60	27.63
18 x 20 (W)	073190							30.00
18 x 24 (W)	043514	E		D	H	5	40	32.39
20 x 8 (W)	010472							23.50
20 x 10 (W)	043515	E	M		H	5	60	22.58
20 x 12 (W)	043516	E	M	D	H	5	60	22.43
20 x 14 (W)	043517	E	M	D	H	3	39	23.31
20 x 16 (W)	043518	E	M	D	H	3	78	25.28
20 x 18 (W)	073158							30.00
20 x 20 (W)	043519	E	M	D	H	3	39	27.24
20 x 20 (GS)	043540				H	3		27.24
20 x 24 (W)	043542	E	M	D	H	3	24	37.00
20 x 25 (W)	043520	E	M	D	H	3	39	31.91
20 x 25 (GS)	043539				H	3		31.91
20 x 30 (W)	043521	E	M	D	H	3	39	41.81
20 x 30 (GS)	043541				H	1		41.81
20 x 32 (W)	014014				H	3	48	53.78
20 x 36 (W)	013989							62.61
20 x 40 (W)	014613				H	1		67.86
24 x 6 (W)	073194							21.14
24 x 10 (W)	043543	E	M		H	3	48	26.84
24 x 12 (W)	043522	E	M	D	H	5	40	23.09
24 x 14 (W)	043523	E	M	D	H	5	40	25.57
24 x 16 (W)	043544	E	M		H	3	48	29.72
24 x 18 (W)	043524	E	M	D	H	5	40	32.39
24 x 20 (W)	043525	E	M	D	H	3	24	37.00
24 x 24 (W)	043526	E	M	D	H	3	24	39.88
24 x 30 (W)	043527	E		D	H	3	24	51.63
24 x 36 (W)	013900	E				1		65.70



673
Return Air
Filter Grille
- 1/2" fin spacing
- uses standard
1" filters
(not included)
- removable face

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
673 RETURN AIR FILTER GRILLE (Continued)								
25 x 14 (W)	043528	E	M	D	H	5	40	26.53
25 x 16 (W)	043529	E	M	D	H	3	36	33.45
25 x 20 (W)	043530	E	M	D	H	3	39	31.91
25 x 25 (W)	043531	E		D	H	3	24	44.12
25 x 30 (W)	013992							110.00
25 x 32 (W)	013780				H	3	24	71.04
30 x 6 (W)	073201							44.23
30 x 8 (W)	043546	E			H	3	48	31.98
30 x 10 (W)	043532	E	M	D	H	3	48	28.56
30 x 12 (W)	043533	E	M	D	H	3	48	29.59
30 x 14 (W)	043534	E	M	D	H	3	39	33.74
30 x 16 (W)	073164	E	M	D	H	3	24	43.67
30 x 18 (W)	043545	E	M		H	3	24	47.58
30 x 20 (W)	043535	E	M	D	H	3	39	41.81
30 x 24 (W)	043536	E	M	D	H	3	24	51.63
30 x 30 (W)	043537	E			H	1		70.04
32 x 25 (W)	013785				H	3		71.04
36 x 12 (W)	013981				H	1		39.50
36 x 14 (W)	013700							73.96
36 x 16 (W)	013756							40.18
36 x 24 (W)	043538	E			H	1		65.78
40 x 20 (W)	043547		M		H	1		67.86

Note: For 673 sizes not listed, check the 96AFB or RHF45 Series, or contact your Customer Service Representative.



659FIL
Filter Grille*
- steel
- 1/3"-spaced
fins set at 20°
- easy-open latches
- one-inch,
factory-installed
fiberglass filter

659FIL FILTER GRILLE WITH FACTORY-INSTALLED FILTER								
12 x 12 (W)	582159							18.51
14 x 14 (W)	582161							20.14
14 x 20 (W)	582167	E				3	66	23.81
16 x 20 (W)	582171							25.65
20 x 14 (W)	582168							23.75
20 x 20 (W)	582174	E				3	39	27.61
20 x 25 (W)	582188							32.39
24 x 24 (W)	582182							40.21



673FIL
Filter Grille*
- steel
- 1/3"-spaced fins
set at 20°
- easy-open latches
- one-inch,
factory-installed
fiberglass filter

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
673FIL FILTER GRILLE WITH FACTORY-INSTALLED FILTER								
10 x 10 (W)	582157							17.92
10 x 20 (W)	582158							23.16
12 x 12 (W)	582160	E			H	5	120	19.40
12 x 20 (W)	582165							23.10
12 x 24 (W)	582176	E			H	5	40	24.82
12 x 36 (W)	584000							42.55
14 x 14 (W)	582162	E			H	5	40	20.95
14 x 20 (W)	582169	E			H	3	39	24.50
14 x 24 (W)	582178	E				5	40	26.38
14 x 25 (W)	582184	E			H	5	40	27.53
14 x 30 (W)	582192	E				3	48	34.37
16 x 16 (W)	582163	E				5	60	24.18
16 x 20 (W)	582172				H	3	39	26.09
16 x 25 (W)	582186				H	3	36	34.30
18 x 18 (W)	582164							28.81
20 x 12 (W)	582166	E				5	60	23.09
20 x 14 (W)	582170	E			H	3	39	24.30
20 x 16 (W)	582173	E			H	3	78	26.07
20 x 20 (W)	582175	E			H	3	39	28.27
20 x 25 (W)	582189				H	3	39	32.74
20 x 30 (W)	582194	E			H	3	39	42.91
24 x 12 (W)	582177	E			H	5	40	24.46
24 x 14 (W)	582179	E			H	5	40	26.61
24 x 18 (W)	582180							33.44
24 x 20 (W)	582181	E				3	24	37.69
24 x 24 (W)	582183	E			H	3	24	40.89
24 x 30 (W)	582196							51.59
25 x 14 (W)	582185	E			H	5	40	27.26
25 x 16 (W)	582187	E			H	3	36	34.34
25 x 20 (W)	582190	E			H	3	39	32.91
25 x 25 (W)	582191							44.51
30 x 12 (W)	587466							30.73
30 x 14 (W)	582193	E			H	3	39	34.95
30 x 18 (W)	587467							48.97
30 x 20 (W)	582195	E			H	3	39	43.19
30 x 24 (W)	582197	E				3	24	51.38
36 x 12 (W)	584001							44.08

* Available in Listed Sizes Only

* Available in Listed Sizes Only



**681
Sidewall/Ceiling
Register***
- one-way
deflection
- ½" fin spacing
- MS valve

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
681 SIDEWALL/CEILING REGISTER								
8 x 4 (W)	043911							6.61
8 x 6 (W)	043813	E				20		6.67
10 x 6 (W)	043814				H	20		6.75
12 x 6 (W)	043815	E		D	H	20		7.56
14 x 6 (W)	043816	E		D	H	20		8.63
16 x 6 (W)	043817							17.14
18 x 6 (W)	043818							15.29
20 x 6 (W)	043819							24.24

Note: For sizes not listed, check the 821 or VM Series, or contact your Customer Service Representative.



**682
Sidewall/Ceiling
Register**
- two-way
deflection
- ½" fin spacing
- MS valve

682 SIDEWALL/CEILING REGISTER								
6 x 4 (W)	043820	E			H	10		6.55
6 x 6 (W)	043821	E	M		H	10		6.76
8 x 4 (W)	043822	E	M	D	H	10	420	5.94
8 x 6 (W)	043824	E	M		H	10		6.64
8 x 8 (W)	043825	E	M		H	10		9.11
10 x 4 (W)	043827	E	M	D	H	20	480	6.26
10 x 5 (W)	043828							22.20
10 x 6 (W)	043829	E	M	D	H	20	360	6.69
10 x 8 (W)	043830	E	M		H	10		9.52
10 x 10 (W)	043831	E	M		H	10		13.00
12 x 4 (W)	043833	E	M	D	H	20	480	6.66
12 x 5 (W)	043834	E			H	10		8.05
12 x 6 (W)	043836	E	M	D	H	20	360	7.53
12 x 8 (W)	043837	E	M		H	10		10.04
12 x 12 (W)	043839	E	M		H	10		16.86
14 x 4 (W)	043840	E	M	D	H	10		7.75
14 x 6 (W)	043843	E	M	D	H	20		8.58
14 x 8 (W)	043844	E	M			10		11.16
16 x 6 (W)	043845	E	M		H	10		12.26
16 x 8 (W)	043846	E			H	10		13.97
18 x 6 (W)	043847							23.64
18 x 8 (W)	043848							24.89
20 x 6 (W)	043849	E				6		24.24
20 x 8 (W)	043850							35.57
24 x 6 (W)	043851							32.73
24 x 8 (W)	043852							41.22

Note: For sizes not listed, check the 821 or VM Series, or contact your Customer Service Representative.



**683
Sidewall/Ceiling
Register**
- three-way
deflection
- ½" fin spacing
- MS valve

683 SIDEWALL/CEILING REGISTER								
6 x 6 (W)	043859	E	M	D	H	10		6.95
8 x 4 (W)	043860	E	M	D	H	10	420	6.49
8 x 6 (W)	043861	E	M	D	H	10		6.76
8 x 8 (W)	043862	E	M		H	10		9.20
10 x 4 (W)	043864	E	M	D	H	20	480	6.64
10 x 6 (W)	043866	E	M	D	H	20	360	7.11
10 x 8 (W)	043867	E	M	D	H	10		9.70
10 x 10 (W)	043868	E	M	D	H	10		13.16
12 x 4 (W)	043869	E	M	D	H	20	480	7.16
12 x 6 (W)	043871	E	M	D	H	20	360	7.90
12 x 8 (W)	043872	E	M	D	H	10		10.24
12 x 12 (W)	043873	E	M	D	H	10		17.20
14 x 4 (W)	043874	E	M		H	10		7.97
14 x 6 (W)	043876	E	M	D	H	20		8.79
14 x 8 (W)	043877	E	M	D	H	10		11.43
14 x 14 (W)	043878	E			H	6		23.37
16 x 6 (W)	043879	E		D	H	10		12.54
16 x 8 (W)	043880							14.92
16 x 16 (W)	043881							28.07

Note: For sizes not listed, check the CM3 or contact your Customer Service Representative.



**684
Sidewall/Ceiling
Register**
- three-way
deflection
- ½" fin spacing
- MS valve

684 SIDEWALL/CEILING REGISTER								
6 x 6 (W)	043889	E	M	D	H	10	720	6.95
8 x 8 (W)	043890	E	M	D	H	10	360	9.17
10 x 10 (W)	043891	E	M	D	H	10	270	13.09
12 x 12 (W)	043892	E	M	D	H	10	180	17.20
14 x 14 (W)	043893	E	M		H	6	144	23.37
16 x 16 (W)	043894							35.85

Note: For sizes not listed, check the CM4 or contact your Customer Service Representative.



**682MFL
Sidewall/Ceiling
Register**
- with fusible link



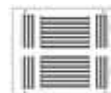
**681M Lanced-
Blade Register***
- one-way airflow
- multi-louver
damper
- metal handle



**682M
Lanced-Blade
Register***
- two-way airflow
- multi-louver
damper
- metal handle



**683M
Lanced-Blade
Register***
- three-way
airflow
- multi-louver
damper
- metal handle



**684M
Lanced-Blade
Register***
- four-way airflow
- multi-louver
damper
- metal handle

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
682MFL SIDEWALL/CEILING REGISTER W/FUSIBLE LINK								
10 x 4 (W)	043855							21.80
10 x 6 (W)	043856							18.01
12 x 4 (W)	043857							17.93
12 x 6 (W)	015784							18.77

Note: not a UL-listed assembly; see Page 18

681M LANCED-BLADE REGISTER								
8 x 4 (W)	703907							6.87
10 x 6 (W)	703903	E	M	D	H	20		7.02
12 x 6 (W)	703904	E	M	D	H	20		7.87
12 x 8 (W)	703905							10.66
14 x 6 (W)	703906	E	M	D	H	20		8.98
16 x 6 (W)	556406							12.75
20 x 6 (W)	556407							25.21

682M LANCED-BLADE REGISTER								
6 x 4 (W)	556408				H	20		6.81
6 x 6 (W)	556409							7.03
8 x 4 (W)	703917	E	M	D	H	20		6.19
8 x 6 (W)	703918	E	M		H	20		6.90
8 x 8 (W)	556412							9.48
10 x 4 (W)	703908	E	M		H	20		6.51
10 x 6 (W)	703909	E	M	D	H	20		6.97
10 x 8 (W)	703910	E	M		H	20		9.89
10 x 10 (W)	556416				H	10		13.53
12 x 4 (W)	703911	E	M		H	20		6.94
12 x 6 (W)	703912	E	M	D	H	20		7.83
12 x 8 (W)	703913	E	M		H	20		14.29
14 x 4 (W)	556419	E	M		H	20		8.06
14 x 6 (W)	703914	E	M	D	H	20		8.92
14 x 8 (W)	703915	E	M	D	H	10		11.60
14 x 10 (W)	580501							14.50
16 x 6 (W)	703916	E	M		H	20		12.75
16 x 8 (W)	575635				H			16.53

683M LANCED-BLADE REGISTER								
6 x 6 (W)	703997	E	M		H	20		7.21
8 x 4 (W)	703927	E	M	D	H	20		6.57
8 x 6 (W)	704006	E	M		H	20		7.03
8 x 8 (W)	703998	E	M		H	20		9.56
10 x 10 (W)	703999	E	M		H	20		13.70
10 x 4 (W)	703919	E	M	D	H	20		6.90
10 x 6 (W)	703920	E	M	D	H	20		7.39
10 x 8 (W)	703921	E	M	D	H	20		10.10
12 x 4 (W)	703922	E	M	D	H	20		7.45
12 x 6 (W)	703923	E	M	D	H	20		8.22
12 x 8 (W)	703924	E	M	D	H	20		10.66
12 x 12 (W)	704000	E	M	D	H	10		17.88
14 x 4 (W)	556435				H	20		8.30
14 x 6 (W)	703925	E	M	D	H	20		9.13
14 x 8 (W)	703926	E	M	D	H	10		11.89
14 x 10 (W)	580502							14.50
16 x 6 (W)	556438			D	H	10		15.03
16 x 8 (W)	556439			D	H	10		15.52

684M LANCED-BLADE REGISTER								
6 x 6 (W)	703932	E	M	D	H	20		7.21
8 x 8 (W)	703933	E	M	D	H	20		9.53
10 x 10 (W)	703929	E	M	D	H	20		13.60
12 x 12 (W)	703930		M	D	H	10		17.88
14 x 14 (W)	703931	E	M		H	10		24.30

* Available in Listed Sizes Only

* Available in Listed Sizes Only



**674
Baseboard Return**
- 1/2" fin spacing
- 7/8" turnback



**96AFB
Fixed-Bar
Filter Grille**
- steel construction
- uses standard
1" filter
(not included)
- wall opening
= size + 5/16"

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
674 BASEBOARD RETURN								
14 x 6 (W)	016430	E	M			20		7.72
14 x 8 (W)	016431	E	M			10		8.02
24 x 6 (W)	016432	E	M			10		9.44
24 x 8 (W)	016433	E	M			10		10.84
30 x 6 (W)	016434	E	M			10		8.96
30 x 8 (W)	016435	E	M			10		13.62
30 x 10 (W)	571043							14.19
96AFB FIXED-BAR FILTER GRILLE								
10 x 20 (W)	021647							25.33
12 x 12 (W)	021648	E	M		H	5		19.71
12 x 20 (W)	021649							25.19
12 x 24 (W)	021650							32.47
14 x 14 (W)	021651	E	M		H	5		21.56
14 x 20 (W)	021652							31.91
14 x 24 (W)	021653							36.60
14 x 25 (W)	021654							36.34
14 x 30 (W)	021655							46.17
16 x 16 (W)	021656							26.96
16 x 20 (W)	021657							34.34
16 x 25 (W)	021658							45.78
18 x 12 (W)	021659							29.10
18 x 18 (W)	021660							31.05
18 x 24 (W)	021661							43.86
20 x 10 (W)	021662							25.33
20 x 12 (W)	021663							25.38
20 x 14 (W)	021664	E	M			3		31.91
20 x 16 (W)	021665							34.34
20 x 18 (W)	021666							35.84
20 x 20 (W)	021667	E	M		H	3		37.30
20 x 25 (W)	021668							43.70
20 x 30 (W)	021669							57.26
24 x 10 (W)	021770							31.57
24 x 12 (W)	021771	E	M			1		31.32
24 x 14 (W)	021772	E	M			1		35.04
24 x 16 (W)	021773							40.30
24 x 18 (W)	021774							43.86
24 x 20 (W)	021775							50.16
24 x 24 (W)	021776	E	M			1		54.61
24 x 30 (W)	021777							70.04
25 x 14 (W)	021778		M			3		36.34
25 x 16 (W)	021779							45.78
25 x 20 (W)	021780	E	M		H	3		43.70
25 x 25 (W)	021781							59.87
30 x 10 (W)	021782							32.00
30 x 12 (W)	021783							41.65
30 x 14 (W)	021784	E	M			1		46.17
30 x 16 (W)	007928							52.77
30 x 18 (W)	021785							64.54
30 x 20 (W)	021786	E	M		H	3		57.26
30 x 24 (W)	021787	E	M	D		1		70.04
30 x 30 (W)	021788							94.93
36 x 14 (W)	007929							55.41
36 x 24 (W)	021789							89.26
36 x 30 (W)	033129							113.27
36 x 36 (W)	033130							135.90
40 x 20 (W)	581215							82.61



**A711MS
Sidewall/Ceiling
Register**
- One-Way
Deflection
- Adjustable
Curved Blade
- Galvanized MS
Damper



**A712MS
Sidewall/Ceiling
Register**
- Two-Way
Deflection
- Adjustable
Curved Blade
- Galvanized MS
Damper



**A713MS
Sidewall/Ceiling
Register**
- Three-Way
Deflection
- Adjustable
Curved Blade
- Galvanized MS
Damper



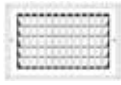
**A714MS
Sidewall/Ceiling
Register**
- Four-Way
Deflection
- Adjustable
Curved Blade
- Galvanized MS
Damper

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
A711MS SIDEWALL/CEILING REGISTER								
6 x 6 (W)	585152				H	10		14.41
8 x 4 (W)	585131			D	H	10		10.72
8 x 8 (W)	585153				H	10		16.95
10 x 4 (W)	585162				H	10		15.10
10 x 6 (W)	585130			D	H	10		13.51
10 x 8 (W)	585138				H	10		18.82
10 x 10 (W)	585142				H	10		20.16
12 x 6 (W)	585132				H	10		15.10
12 x 8 (W)	585133			D	H	10		19.40
12 x 12 (W)	585151				H	10		24.94
14 x 6 (W)	585139			D	H	10		17.33
14 x 8 (W)	585143				H	10		22.11

A712MS SIDEWALL/CEILING REGISTER								
10 x 6 (W)	585145				H	10		13.28
10 x 10 (W)	585160				H	10		20.16
12 x 6 (W)	585147				H	10		15.10
12 x 8 (W)	585148				H	10		18.82
12 x 12 (W)	585159				H	10		24.94

A713MS SIDEWALL/CEILING REGISTER								
10 x 10 (W)	585163				H	10		24.49

A714MS SIDEWALL/CEILING REGISTER								
6 x 6 (W)	585161				H	10		17.78
8 x 8 (W)	585149				H	10		21.23
10 x 10 (W)	585134				H	10		24.49
12 x 12 (W)	585136			D	H	10		29.73
14 x 14 (W)	585154				H	10		36.93



**A718MS
Sidewall/
Ceiling
Register**
- Single
Deflection
- Galvanized
MS Damper

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
A718MS SIDEWALL/CEILING REGISTER								
8 x 4 (W)	585140			D	H	10		9.90
10 x 4 (W)	585150				H	10		10.76
10 x 6 (W)	585135			D	H	10		12.29
10 x 8 (W)	585158				H	10		12.81
12 x 4 (W)	585155				H	10		11.77
12 x 6 (W)	585137				H	10		12.72
12 x 8 (W)	585144				H	10		13.45
14 x 4 (W)	585164				H	10		12.81
14 x 6 (W)	585141				H	10		14.25
14 x 8 (W)	585146				H	10		15.19



**A301
Sidewall/
Ceiling
Register**
- one-way
deflection
- stamped
curved blade
- galvanized
MS valve

A301 SIDEWALL/CEILING REGISTER								
6 x 6 (W)	010149							9.03
8 x 4 (W)	010151	E		D	H	10		8.05
8 x 6 (W)	010152	E			H	10		9.51
8 x 8 (W)	010153							11.66
10 x 4 (W)	010155							9.59
10 x 6 (W)	010156	E			H	20		10.18
10 x 8 (W)	010157	E			H	10		12.73
10 x 10 (W)	010158							18.22
12 x 4 (W)	010160							9.51
12 x 6 (W)	010161	E			H	20		11.38
12 x 8 (W)	010162	E			H	10		14.03
14 x 6 (W)	010166				H	20		12.69
14 x 8 (W)	010167							14.87



**A302
Sidewall/
Ceiling
Register**
- two-way
deflection
- stamped
curved blade
- galvanized
MS valve

A302 SIDEWALL/CEILING REGISTER								
10 x 6 (W)	010191							10.18
10 x 10 (W)	010178							18.22
12 x 6 (W)	010196							11.38
12 x 8 (W)	010197							14.03



**A303
Sidewall/
Ceiling
Register**
- three-way
deflection
- stamped
curved blade
- galvanized
MS valve

A303 SIDEWALL/CEILING REGISTER								
6 x 6 (W)	010290	E			H	10		9.03
8 x 4 (W)	010292	E			H	10		8.05
8 x 8 (W)	010294	E			H	10		11.66
10 x 6 (W)	010297	E			H	20		10.18
10 x 8 (W)	010298	E			H	10		12.73
10 x 10 (W)	010299	E	M		H	10		18.22
12 x 6 (W)	010302	E		D	H	20		11.38
12 x 8 (W)	010303	E			H	10		14.03
12 x 12 (W)	010304				H	10		23.21
14 x 6 (W)	010307	E			H	20		12.69



**A304
Sidewall/
Ceiling
Register**
- four-way
deflection
- stamped
curved blade
- galvanized
MS valve

A304 SIDEWALL/CEILING REGISTER								
6 x 6 (W)	010320				H	10		9.03
8 x 8 (W)	010321	E	M		H	10		11.66
10 x 10 (W)	010322	E		D	H	10		18.22
12 x 12 (W)	010323		M		H	10		23.21

Note: For A300 Series sizes not listed, check the C Series or contact your Customer Service Representative.



**A611OB
Sidewall/Ceiling
Register**
- one-way
deflection
- adjustable curved
blade
- OB damper

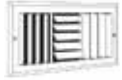
SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
A611OB SIDEWALL/CEILING REGISTER								
6 x 6 (W)	080000							20.95
8 x 4 (W)	080001				H	6		15.14
8 x 8 (W)	080053							24.69
10 x 4 (W)	080002							21.98
10 x 6 (W)	080003				H	12		19.34
10 x 8 (W)	080004							27.40
10 x 10 (W)	080005							29.37
12 x 4 (W)	080006							23.28
12 x 6 (W)	080007				H	12		21.98
12 x 8 (W)	080008				H	6		27.40
12 x 12 (W)	080009							36.35
14 x 6 (W)	080010							25.20
14 x 8 (W)	080011							32.18



**A612OB
Sidewall/Ceiling
Register**
- three-way
deflection
- adjustable
curved blade
- galvanized OB
damper

A612OB SIDEWALL/CEILING REGISTER								
8 x 8 (W)	080012							24.69
10 x 6 (W)	080013							19.34
10 x 10 (W)	080014							29.37
12 x 6 (W)	080015							21.98
12 x 8 (W)	080016							27.40
12 x 12 (W)	080017							36.36
14 x 6 (W)	080018							27.50
14 x 8 (W)	080019							32.18

* Available in Listed Sizes Only


**A613OB Sidewall/
Ceiling Register**

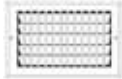
- three-way deflection
- adjustable curved blade
- galvanized OB damper

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
A613OB SIDEWALL/CEILING REGISTER								
6 x 6 (W)	080020			D	H	6		20.95
8 x 4 (W)	080021							15.14
8 x 8 (W)	080022				H	6		24.69
10 x 4 (W)	080023							21.98
10 x 6 (W)	080024							19.34
10 x 10 (W)	080025			D	H	6		29.37
12 x 6 (W)	080026							21.98
12 x 8 (W)	080027							36.05
12 x 12 (W)	080028							36.35
14 x 6 (W)	080029							25.21
14 x 8 (W)	080030							32.18
14 x 14 (W)	080031							53.81


**A614OB
Sidewall/
Ceiling
Register**

- four-way deflection
- adjustable curved blade
- galvanized OB damper

A614OB SIDEWALL/CEILING REGISTER								
6 x 6 (W)	080032							25.88
8 x 8 (W)	080033							30.92
10 x 10 (W)	080034							35.71
12 x 12 (W)	080035							43.32
14 x 14 (W)	080036							53.81


**A618OB Sidewall/
Ceiling Register**

- single deflection
- galvanized OB valve

A618OB SIDEWALL/CEILING REGISTER								
6 x 6 (W)	080037	E				6		14.41
8 x 4 (W)	080038							14.41
8 x 6 (W)	080039							16.38
8 x 8 (W)	080040							16.53
10 x 4 (W)	080041							15.67
10 x 6 (W)	080042							17.86
10 x 8 (W)	080043							18.71
10 x 10 (W)	080044							19.48
12 x 4 (W)	080045							17.13
12 x 6 (W)	080046							18.51
12 x 8 (W)	080047							19.52
12 x 12 (W)	080048							22.66
14 x 4 (W)	080049							18.71
14 x 6 (W)	080050							20.74
14 x 8 (W)	080051							22.04
14 x 14 (W)	080052							36.04


**A611MS
Sidewall/Ceiling
Register**

- one-way deflection
- adjustable curved blade
- galvanized MS damper

A611MS SIDEWALL/CEILING REGISTER								
6 x 6 (W)	021241	E			H	12		18.02
8 x 4 (W)	021242	E	M		H	12		13.36
8 x 6 (W)	581000				H	12		15.91
8 x 8 (W)	021244	E	M		H	12		21.20
10 x 4 (W)	021245	E			H	24		18.88
10 x 6 (W)	021247	E	M	D	H	24		16.41
10 x 8 (W)	021248	E			H	12		23.54
10 x 10 (W)	021249	E	M		H	12		25.19
12 x 4 (W)	021250	E			H	24		19.98
12 x 6 (W)	021252	E	M	D	H	24		18.88
12 x 8 (W)	021253	E	M		H	12		23.54
12 x 12 (W)	021255	E				12		31.17
14 x 6 (W)	021258	E	M		H	24		21.66
14 x 8 (W)	021259	E	M		H	12		27.63


**A612MS
Sidewall/Ceiling
Register**

- two-way deflection
- adjustable curved blade
- galvanized MS damper

A612MS SIDEWALL/CEILING REGISTER								
8 x 8 (W)	021544				H	12		21.25
10 x 6 (W)	021547	E			H	24		16.60
10 x 10 (W)	021549	E			H	12		25.19
12 x 6 (W)	021552	E			H	24		18.88
12 x 8 (W)	021553				H	12		23.54
12 x 12 (W)	021555				H	12		31.17
14 x 6 (W)	026795	E				24		21.66
14 x 8 (W)	015976	E				12		27.63


**A613MS
Sidewall/
Ceiling
Register**

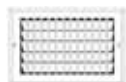
- three-way deflection
- adjustable curved blade
- galvanized MS damper

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
A613MS SIDEWALL/CEILING REGISTER								
6 x 6 (W)	021841	E	M			12		22.22
8 x 4 (W)	026798	E	M			12		21.96
8 x 8 (W)	021844	E	M			12		26.52
10 x 4 (W)	026800	E	M			24		23.39
10 x 6 (W)	021847	E	M			24		25.78
10 x 8 (W)	026802							28.17
10 x 10 (W)	021849	E	M		H	12		30.63
12 x 6 (W)	021852	E	M			24		27.79
12 x 8 (W)	026806	E	M			12		30.98
12 x 12 (W)	021855	E	M		H	12		37.16
14 x 6 (W)	021858	E	M			24		30.19
14 x 8 (W)	026810	E	M			12		33.64
14 x 14 (W)	026812	E	M			12		46.17

RESIDENTIAL



**A614MS
Sidewall/Ceiling
Register**
- four-way
deflection
- adjustable curved
blade
- galvanized MS
damper



**A618MS
Sidewall/Ceiling
Register**
- single deflection
- galvanized
MS damper



**A650
Return Air Grille**
- 1/3" fin spacing



**A661
Sidewall/Ceiling
Register**
- two-way
deflection
- 1/3" fin spacing
- galvanized
MS valve



**A501OB
Ceiling Diffuser**
- OB damper
- face mount

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			

A614MS SIDEWALL/CEILING REGISTER								
6 x 6 (W)	022141	E	M			12		22.22
8 x 8 (W)	022144	E	M		H	12		26.52
10 x 10 (W)	022149	E	M		H	12		30.63
12 x 12 (W)	022155	E	M		H	12		37.16
14 x 14 (W)	022162	E	M		H	12		46.17

A618MS SIDEWALL/CEILING REGISTER								
6 x 6 (W)	026813	E	M		H	12		12.37
8 x 4 (W)	022442	E	M	D	H	12		12.37
8 x 6 (W)	022443	E	M	D	H	12		12.86
8 x 8 (W)	026815	E	M		H	12		14.19
10 x 4 (W)	022445	E	M	D	H	24		13.45
10 x 6 (W)	022447	E	M	D	H	24		15.37
10 x 8 (W)	022448	E	M	D	H	12		16.02
10 x 10 (W)	026817	E	M	D	H	12		16.75
12 x 4 (W)	022450	E	M	D	H	24		14.72
12 x 6 (W)	022452	E	M	D	H	24		15.91
12 x 8 (W)	022453	E	M	D	H	12		16.82
12 x 12 (W)	026819	E	M	D	H	12		19.48
14 x 4 (W)	022456	E	M	D	H	12		16.02
14 x 6 (W)	022458	E	M	D	H	24		17.80
14 x 8 (W)	022459	E	M	D	H	12		18.98
14 x 14 (W)	022462	E	M		H	12		30.97

Note: For sizes not listed, check the 821 or VM, or contact your Customer Service Representative.

A650 RETURN AIR GRILLE								
6 x 6 (W)	043200	E			H	20		4.66
10 x 10 (W)	043203	E	M		H	10		9.11
12 x 6 (W)	043204							5.38
12 x 12 (W)	043206	E	M		H	10		10.00
14 x 8 (W)	043208	E				10		6.65
14 x 14 (W)	043209							12.73
18 x 12 (W)	043210							14.78

Note: For A650 sizes not listed, check the RH45 or contact your Customer Service Representative.

A661 SIDEWALL/CEILING REGISTER								
8 x 4 (W)	010349							9.73
10 x 4 (W)	010351		M			20		11.03
10 x 6 (W)	010352							11.62
12 x 4 (W)	010353							11.42
12 x 6 (W)	010354	E				20		12.84
14 x 6 (W)	010357							13.57

A501OB CEILING DIFFUSER								
6 x 6 (W)	050725							25.99
8 x 8 (W)	050726							29.61
10 x 10 (W)	050727							36.89
12 x 12 (W)	050728							49.14
14 x 14 (W)	050729							58.17

REGISTERS, GRILLES & DIFFUSERS

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			

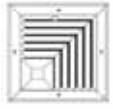
A502OB CEILING DIFFUSER								
6 x 6 (W)	050730							25.99
8 x 8 (W)	050731							29.61
10 x 10 (W)	050732							36.89
12 x 12 (W)	050733							49.14
14 x 14 (W)	050734							58.17

A503OB CEILING DIFFUSER								
6 x 6 (W)	050735	E			H	10		25.99
8 x 8 (W)	050736	E				10		29.61
10 x 10 (W)	050737	E			H	5		36.89
12 x 12 (W)	050738							49.14
14 x 14 (W)	050739							58.17

A504OB CEILING DIFFUSER								
6 x 6 (W)	050740	E			H	10		25.99
8 x 8 (W)	050741	E	M		H	10		29.61
10 x 10 (W)	050742	E	M		H	5		36.89
12 x 12 (W)	050743	E	M	D	H	5		49.14
14 x 14 (W)	050744	E			H	5		58.17

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			

A505OB CEILING DIFFUSER (two way corner)								
6 x 6 (W)	050745							30.31
8 x 8 (W)	050746	E			H	10		34.91
10 x 10 (W)	050747							43.00
12 x 12 (W)	050748							53.68
14 x 14 (W)	050749							67.22



**A505OB
Ceiling Diffuser***
- OB damper
- face mount

A501MS CEILING DIFFUSER								
6 x 6 (W)	050700	E			H	10		21.00
8 x 8 (W)	050701	E				10		24.25
10 x 10 (W)	050702	E				5		31.39
12 x 12 (W)	050703							38.96
14 x 14 (W)	050704							49.87



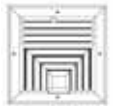
**A501MS
Ceiling Diffuser***
- MS damper
- face mount

A502MS CEILING DIFFUSER								
6 x 6 (W)	050705	E				10		21.00
8 x 8 (W)	050706	E			H	10		24.25
10 x 10 (W)	050707							31.39
12 x 12 (W)	050708							38.96
14 x 14 (W)	050709							49.87



**A502MS
Ceiling Diffuser***
- MS damper
- face mount

A503MS CEILING DIFFUSER								
6 x 6 (W)	050710	E	M			10		21.00
8 x 8 (W)	050711	E	M		H	10		24.25
10 x 10 (W)	050712	E	M			5		31.39
12 x 12 (W)	050713	E	M		H	5		38.96
14 x 14 (W)	050714							49.87



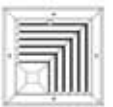
**A503MS
Ceiling Diffuser***
- MS damper
- face mount

A504MS CEILING DIFFUSER								
6 x 6 (W)	050715	E	M		H	10		21.00
8 x 8 (W)	050716	E	M		H	10		24.25
10 x 10 (W)	050717	E	M		H	5		31.39
12 x 12 (W)	050718	E	M		H	5		38.96
14 x 14 (W)	050719	E	M		H	5		49.87



**A504MS
Ceiling Diffuser***
- MS damper
- face mount

A505MS CEILING DIFFUSER (two way corner)								
6 x 6 (W)	050720	E				10		26.90
8 x 8 (W)	050721	E	M			10		30.18
10 x 10 (W)	050722	E	M			5		38.23
12 x 12 (W)	050723							46.24
14 x 14 (W)	050724							57.65



**A505MS
Ceiling Diffuser***
- MS damper
- face mount

A500P PANEL								
6" (W)	050390							20.86
8" (W)	050391	E	M		H	4		20.86
10" (W)	050392	E	M			4		20.86
12" (W)	050393	E	M		H	4		20.86
14" (W)	050394	E			H	4		20.86



A500P Panel*
- converts A500
diffuser to T-Bar
- steel
- diffuser field installed

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			

SD CEILING DIFFUSER								
6 x 6 (W)	050010							25.71
8 x 8 (W)	050011							25.95
10 x 10 (W)	050012							30.90
12 x 12 (W)	050013							35.65
14 x 14 (W)	050014							54.53
16 x 16 (W)	050015							99.49
18 x 18 (W)	050016							115.44
20 x 20 (W)	050017							135.29



**SD
Ceiling Diffuser***
- extruded
aluminum
construction
- square
- step down

SDD CEILING DIFFUSER								
6 x 6 (W)	050030							34.54
8 x 8 (W)	050031							40.90
10 x 10 (W)	050032							48.05
12 x 12 (W)	050033							56.99
14 x 14 (W)	050034							71.45
16 x 16 (W)	050035							133.15
18 x 18 (W)	050036							164.60
20 x 20 (W)	050037							190.39



**SDD
Ceiling Diffuser***
- extruded
aluminum
construction
- square
- step down
- OB damper

* Available in Listed Sizes Only

* Available in Listed Sizes Only

RESIDENTIAL

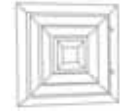
REGISTERS, GRILLES & DIFFUSERS

**531
Aluminum
Floor Diffuser***
- dual MS valve



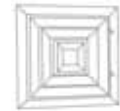
SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
A531 ALUMINUM FLOOR DIFFUSER								
2 x 10 (SA)	010735	E	M		H	10		26.70
2 x 12 (SA)	010736	E	M		H	10		28.67
2 x 14 (SA)	010737	E	M			10		31.78
4 x 10 (SA)	010738	E	M		H	10		30.31
4 x 12 (SA)	010739	E	M		H	10		33.35
4 x 14 (SA)	010740	E	M		H	10		35.97
6 x 10 (SA)	010741	E	M		H	10		35.33
6 x 12 (SA)	010742	E	M		H	10		38.12
6 x 14 (SA)	010743	E	M		H	10		43.50

**ECSD
Step-Down
Diffuser**
- four-way
deflection
- slide-in plate
for off-season
closure
- steel construction



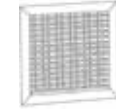
ECSD STEP-DOWN DIFFUSER								
14 x 14 (W)	022954	E	M			5		32.09
16 x 16 (W)	022955	E	M			5		34.91
18 x 18 (W)	022956	E	M			5		42.66
20 x 20 (W)	022957	E	M			2		49.36
22 x 22 (W)	553940							52.96

**ECSDD
Step-Down
Diffuser**
- four-way
deflection
- multi-shutter
damper
- steel construction



ECSDD STEP-DOWN DIFFUSER								
10 x 10 (W)	555758		M			5		14.87
14 x 14 (W)	025451	E	M			5		44.44
16 x 16 (W)	025452	E	M			5		51.23
18 x 18 (W)	025453	E	M			5		57.00
20 x 20 (W)	025454	E	M			2		73.65
22 x 22 (W)	553941							77.14

**ECFM
Aluminum
Diffuser**
- extruded
aluminum
construction
- opposed-blade
damper



**ECBX
Ceiling Diffuser
Box***
- heavy-duty steel
construction
- adjustable dampers
- mounting holes



**ECHVD
High-Volume
Diffuser***
- all-steel
construction
- two-way
deflection



SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
ECFM ALUMINUM DIFFUSER								
12 x 12 (W)	012931	E	M			5		29.76
14 x 14 (W)	012932	E	M			5		35.19
16 x 16 (W)	012933	E	M			5		43.72
18 x 18 (W)	012934	E	M			5		53.51
20 x 20 (W)	012935	E	M			5		65.43
22 x 22 (W)	012936					5		76.70
24 x 24 (W)	012937					5		92.34

ECBX CEILING DIFFUSER BOX								
14 x 14 (W)	021326					1		39.30
18 x 18 (W)	021327					1		49.14
20 x 20 (W)	021328					1		58.96
22 x 22 (W)	021329					1		68.78
24 x 24 (W)	021330					1		78.59
30 x 30 (W)	021331					1		117.85
36 x 36 (W)	021332					1		176.80

ECHVD HIGH-VOLUME DIFFUSER								
6 x 6 (W)	555847					1		7.19
8 x 8 (W)	555848					1		7.56
10 x 10 (W)	555849					1		8.37
12 x 12 (W)	555850					1		9.73
14 x 14 (W)	555851					1		11.49
16 x 16 (W)	555852					1		13.96
18 x 18 (W)	555853					1		20.33
20 x 20 (W)	557172							44.76
22 x 22 (W)	557173							49.73
24 x 24 (W)	557174							60.18

* Available in Listed Sizes Only

* Available in Listed Sizes Only

REGISTERS, GRILLES & DIFFUSERS

REZZIN™ PLASTIC REGISTERS & DIFFUSERS



RZ421
Floor Diffuser*
- solid ABS
construction
- fan-pattern
deflection
- OB damper

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
RZ421 FLOOR DIFFUSER								
2 x 12 (W)	550834				H	30		3.23
2 x 12 (GS)	556826				H	30		3.23
4 x 10 (W)	550832	E			H	20		3.44
4 x 10 (GS)	556827	E			H	20		3.44
4 x 12 (W)	550833	E			H	20		4.20
4 x 12 (GS)	556828	E			H	20		4.34



RZ682
**Sidewall/
Ceiling
Register***
- engineered
polymer
construction
- two-way
deflection
- MS valve

RZ682 SIDEWALL/CEILING REGISTER								
8 x 4 (W)	550824	E		D	H	20		3.27
10 x 4 (W)	550825	E			H	20		3.79
10 x 6 (W)	550826	E		D	H	20		4.46
10 x 8 (W)	550828			D	H	20		4.95
12 x 6 (W)	550827	E		D	H	20		4.47
14 x 6 (W)	556817	E			H	20		5.11
14 x 8 (W)	556818	E		D	H	20		6.26



RZ683
**Sidewall/Ceiling
Register***
- engineered polymer
construction
- two-way deflection
- MS valve

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
RZ683 SIDEWALL/CEILING REGISTER								
8 x 4 (W)	556819			D	H	20		3.27
10 x 6 (W)	550829	E		D	H	20		4.41
10 x 8 (W)	550831			D	H	20		5.10
12 x 6 (W)	550830			D	H	20		5.29
14 x 6 (W)	556820			D	H	20		5.11
14 x 8 (W)	556821			D	H	20		6.13



RZ684
**Sidewall/Ceiling
Register***
- engineered polymer
construction
- four-way deflection
- MS valve

RZ684 SIDEWALL/CEILING REGISTER								
6 x 6 (W)	556822	E			H	20		4.26
8 x 8 (W)	556823	E			H	20		5.25
10 x 10 (W)	556824			D	H	20		6.98
12 x 12 (W)	556825	E		D	H	10		8.78

* Available in Listed Sizes Only


RZ503
Square Ceiling Diffuser*

- 6", 7" and 8" collars included
- ratcheting cam lock
- removable core
- integral damper
- large collar bead to secure flex duct
- 3-way

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
RZ503 SQUARE CEILING DIFFUSER								
12 x 12 (W)	556450	E		D	H	10	40	17.97


RZ505
Square Ceiling Diffuser*

- 6", 7" and 8" collars included
- ratcheting cam lock
- removable core
- integral damper
- large collar bead to secure flex duct
- 2-way corner

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
RZ505 SQUARE CEILING DIFFUSER								
12 x 12 (W)	556451				H	10	40	17.97


RZ504
Square Ceiling Diffuser*

- 6", 7" and 8" collars included
- ratcheting cam lock
- removable core
- integral damper
- large collar bead to secure flex duct
- 4-way

RZ504 SQUARE CEILING DIFFUSER								
12 x 12 (W)	556449	E	M		H	10	40	17.97


RZ16
Round Ceiling Diffuser*

- 6", 7" and 8" collars included
- ratcheting cam lock
- removable core
- integral damper
- large collar bead to secure flex duct

RZ16 ROUND CEILING DIFFUSER								
12 x 12 (W)	570562	E		D	H	10	40	17.97

MODEL	PART #	DESCRIPTION	DC				PCS/ CASE	LBS/ LAY- ER	PRICE EACH
			E	M	D	H			

REZZIN ROUGH-IN PLATES

RZ16RCP 16	580031	Rezzin Rough-In Plate 16" O.C.				H	5		8.40
RZ16RCP 24	580032	Rezzin Rough-In Plate 24" O.C.				H	5		10.61
RZ16TBP	580033	Rezzin Rough-In Plate T-Bar				H	5		10.17
RZ500RCP 16	580034	Rezzin Rough-In Plate 16" O.C.				H	5		5.83
RZ500RCP 24	580035	Rezzin Rough-In Plate 24" O.C.				H	5		11.49
RZ500TBP	580036	Rezzin Rough-In Plate T-Bar							11.07


RZ500RCP24

RZ16RCP24

RZ16RCP16

RZ500RCP16

RZ500TBP

RZ16TBP

* Available in Listed Sizes Only

LCD
Laundry
Chute Door*

SIZE	PART #	MODEL #	FINISH	DC				PCS/ CASE	PRICE EACH
				E	M	D	H		
LCD LAUNDRY CHUTE DOOR									
10 x 10	572903	LCD10	White	E			H	1	17.77
12 x 12	572904	LCD12	White	E			H	1	19.35

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
REGULATOR SET DAMPER								
69	014500	E				144		0.87
70	014501	E				144		1.36
80-3/8	014502	E				36		6.15

Regulator Set
Damper

PARTS								
"704 Washer"	014503	E				144		0.12
"704 Washer BP"	014530							0.10
"705 Handle"	014504	E				144		0.16
"705 Handle BP"	014531	E				2,000		0.12
"706 Wing nut"	014505	E				144		0.18
"706 Wing nut BP"	014532	E				2,000		0.16
"708-5/16 Brg only"	014506	E				144		0.55
"708-5/16 Brg only BP"	014533	E				500		0.45
"60-3/8 Regulator"	014507							4.19
"65-3/8 Rod clip"	014509							0.19
"102 Damper tip"	014511	E				720		0.27
"102 Damper tip BP"	014534							0.27



Casing Clips



Dampers

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
CASING CLIPS								
2	014512	E				1,000		0.11
27	014513	E				1,000		0.12

DAMPERS								
506	014514	E				72		2.15
507	014515	E		D		72		2.16
508	014516	E				72		2.22
65	014517							1.55
66	014518	E				144		1.77
607	014519	E				144		3.13
608	014520	E				144		3.13

TOUCH-UP PAINT								
"(W) Bright White"	014526	E				12		7.53
"(GS) Golden Sand"	014522	E				12		7.53

* Available in Listed Sizes Only

Note: All sundry items sold in case quantities only.

Finish Symbols(GS) Golden Sand
(W) Bright White
(SA) Satin Anodized
(AL) Aluminum**Damper/valve symbols**(OB) Opposed-blade damper
(MS) Multi-shutter valve**Fusible Link for Model 661 and 682 only**

- This UL-listed fusible link provides automatic closure of a damper in case of fire to reduce draft and spread of smoke. The link melts at 165°F and releases the damper to fully closed. Once activated, the link must be replaced.

- The fusible link damper is NOT a UL-listed smoke or fire damper assembly.

- When ordering a fusible link with the following models, add "MFL" at the end of the model number. Example: 661 MFL 10 x 6

- Factory installed.....\$10.04 list per link 661 and 682. 16" wide and larger require two links.

- A UL33 listed 212°F link is available as special-order option.

- For other potential applications, contact your Customer Service Representative for pricing and availability.

Available Sizes for Fusible Link Option

AVAILABLE SIZES FOR FUSIBLE LINK OPTION											
WIDTH											
HEIGHT		6	8	10	12	14	16	18	20	22	24
	4	X	X	X	X	X	X	X	X	X	X
	6	X	X	X	X	X	X	X	X	X	X
	8		X	X	X	X	X	X	X	X	X



**RZSRT
T-Bar Directional
Diffuser***
- engineered polymer
construction
- four-way deflection
- square-to-round
adapter available
(Model RZSR)

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
RZSRT T-BAR DIRECTIONAL DIFFUSER								
24 x 24 (W)	550836	E	M		H	5		52.64



**RZREF5T
T-Bar Egg Crate
Filter Grille***

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
RZREF5T T-BAR EGG CRATE FILTER GRILLE								
20" x 20" W	559030				H	5		22.46



**RZSR
Square-to-
Round
for Model
RZSRT***

RZSR SQUARE-TO-ROUND FOR MODEL RZSRT								
6"	551733	E			H	5		3.92
8"	551600	E			H	5		3.92
10"	551601	E			H	5		3.92
12"	551602	E			H	5		3.92
14"	551603				H	5		3.92



**RZMCDST
T-Bar Modular
Core Diffuser***
- engineered polymer
construction
- removable modules
- back panel available
(Model RZBP,
will accept 6" through
16" collar)

RZMCDST T-BAR MODULAR CORE DIFFUSER								
24 x 24 (W)	550835				H	5		52.64



**RZBP
Back Panel
for Model
RZMCDST***

RZBP BACK PANEL FOR MODEL RZMCDST								
6" thru 16"	551854	E			H	5		8.86

* Available in Listed Sizes Only



**Spiral Diffuser -
Extruded Aluminum
SV1 - Single
Deflection**
- Diffuser only
- Adjustable blades
- White (W) or
Satin Anodized (SA)

SPIRAL DIFFUSER - EXTRUDED ALUMINUM											
HEIGHT	WIDTH										
		10	12	14	16	18	20	24	30	36	
	3	38.27	40.10								3
	4	39.18	41.04	42.46							4
	6	40.94	42.90	44.39	46.33	48.53	49.99	53.94			6
	8			46.73	48.63	51.52	53.42	57.06	63.05		8
	10				50.86	53.33	54.97	59.48	65.76		10
	12					55.98	57.74	62.60	69.34	76.76	12



**Spiral Diffuser -
Extruded Aluminum
SV3 - Single
Deflection**
- Diffuser with Air Scoop
- Adjustable blades
- White (W) or
Satin Anodized (SA)

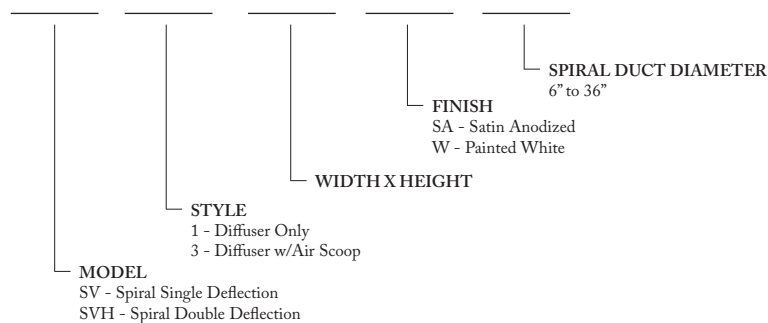
SPIRAL DIFFUSER - EXTRUDED ALUMINUM											
HEIGHT	WIDTH										
		10	12	14	16	18	20	24	30	36	
	3	53.00	54.95								3
	4	54.06	56.08	57.64							4
	6	56.13	58.29	59.97	62.12	64.49	66.17	72.53			6
	8			62.67	64.86	67.99	70.16	74.28	90.38		8
	10				67.55	70.30	72.26	77.35	93.88		10
	12					73.46	75.57	81.13	98.24	106.73	12

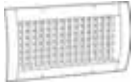
MINIMUM DUCT DIAMETER PER LISTED SIZE											
HEIGHT	WIDTH										
		10	12	14	16	18	20	24	30	36	
	3	5	5	5	5	5	5	5	5	5	3
	4	6	6	6	6	6	6	6	6	6	4
	6	8	8	8	8	8	8	8	8	8	6
	8	10	10	10	10	10	10	10	10	10	8
	10		12	12	12	12	12	12	12	12	10
	12			14	14	14	14	14	14	14	12

Maximum duct diameter for all sizes is 36".

Maximum width is 36".

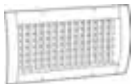
How to Order:





Spiral Diffuser - Extruded Aluminum SVH1 - Double Deflection
 - Diffuser only
 - Adjustable blades
 - White (W) or Satin Anodized (SA)

SPIRAL DIFFUSER - EXTRUDED ALUMINUM											
HEIGHT	WIDTH										
		10	12	14	16	18	20	24	30	36	
	3	41.37	43.37								3
	4	42.90	44.98	46.55							4
	6	46.51	48.92	50.66	53.94	56.79	58.50	63.02			6
	8			54.46	58.27	61.47	63.48	68.34	75.74		8
	10				63.08	66.64	68.76	74.16	82.08		10
	12					72.20	74.65	80.71	89.51	98.64	12



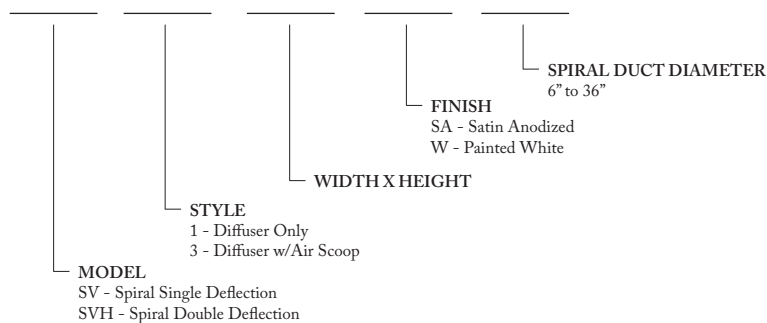
Spiral Diffuser - Extruded Aluminum SVH3 - Double Deflection
 - Diffuser with Air Scoop
 - Adjustable blades
 - White (W) or Satin Anodized (SA)

SPIRAL DIFFUSER - EXTRUDED ALUMINUM											
HEIGHT	WIDTH										
		10	12	14	16	18	20	24	30	36	
	3	56.10	58.20								3
	4	57.79	60.00	61.71							4
	6	61.70	64.33	66.24	69.73	72.76	74.68	79.60			6
	8			70.46	74.50	77.97	80.20	85.57	103.05		8
	10				79.75	83.62	86.03	92.05	110.19		10
	12					89.69	92.46	99.22	118.43	128.61	12

MINIMUM DUCT DIAMETER PER LISTED SIZE											
HEIGHT	WIDTH										
		10	12	14	16	18	20	24	30	36	
	3	5	5	5	5	5	5	5	5	5	3
	4	6	6	6	6	6	6	6	6	6	4
	6	8	8	8	8	8	8	8	8	8	6
	8	10	10	10	10	10	10	10	10	10	8
	10		12	12	12	12	12	12	12	12	10
	12			14	14	14	14	14	14	14	12

Maximum duct diameter for all sizes is 36".
 Maximum width is 36".

How to Order:





Universal Spiral Diffuser - Extruded Aluminum USV1 - Single Deflection
 - Diffuser only
 - Adjustable blades
 - White (W) or Satin Anodized (SA)

USV1 - SINGLE DEFLECTION											
HEIGHT	WIDTH										
		10	12	14	16	18	20	24	30	36	
	3	25.58	28.36	30.61	35.06	36.75	38.13	45.53	52.20	61.02	3
	4	26.58	29.38	32.12	34.30	37.92	39.82	44.95	52.82	62.56	4
	6	27.85	30.77	32.99	36.39	39.09	41.55	46.81	55.74	64.94	6
	8			35.27	38.27	41.01	42.98	49.69	57.42	66.77	8
	10				39.92	43.85	45.50	51.55	60.18	71.27	10
	12					45.23	48.01	53.73	63.50	73.46	12

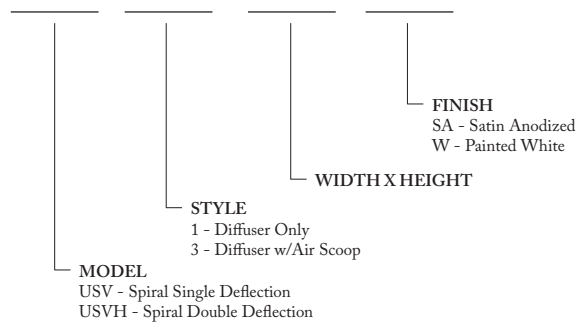


Universal Spiral Diffuser - Extruded Aluminum USV3 - Single Deflection
 - Diffuser with Air Scoop
 - Adjustable blades
 - White (W) or Satin Anodized (SA)

USV3 - SINGLE DEFLECTION											
HEIGHT	WIDTH										
		10	12	14	16	18	20	24	30	36	
	3	41.54	44.40	45.96	49.05	52.60	53.78	60.33	68.40	77.44	3
	4	42.14	45.66	47.29	50.97	54.08	55.28	62.02	70.27	80.26	4
	6	44.54	46.94	49.32	53.77	56.41	58.53	64.73	73.42	83.49	6
	8			51.66	55.56	59.08	61.31	67.79	76.89	86.92	8
	10				59.51	61.21	63.51	71.14	80.65	91.10	10
	12					64.71	67.47	74.45	84.13	94.96	12

MINIMUM DUCT DIAMETER PER LISTED PRICE											
HEIGHT	WIDTH										
		10	12	14	16	18	20	24	30	36	
	3	6	6	6	6	6	6	6	6	6	3
	4	10	10	10	10	10	10	10	10	10	4
	6	12	12	12	12	12	12	12	12	12	6
	8	20	20	20	20	20	20	20	20	20	8
	10			24	24	24	24	24	24	24	10
	12					30	30	30	30	30	12

How to Order:



See page 24 for sizes that have case quantities on USVH1 and USVH3 stock items.



Spiral Diffuser - Extruded Aluminum USVH1 - Double Deflection

- Diffuser only
- Adjustable blades
- White (W) or Satin Anodized (SA)

USVH1 - DOUBLE DEFLECTION											
HEIGHT	WIDTH										
		10	12	14	16	18	20	24	30	36	
	3	28.17	30.97	32.83	35.38	38.31	45.12	50.11	57.62	65.84	3
	4	29.76	33.56	34.59	37.34	40.16	48.30	53.96	61.53	69.39	4
	6	33.10	36.19	38.36	41.29	44.34	55.84	59.27	70.09	79.87	6
	8			41.54	44.46	47.79	62.14	68.06	76.57	85.96	8
	10				49.06	52.93	70.04	77.24	86.09	97.33	10
	12					56.97	78.75	85.91	95.35	107.33	12



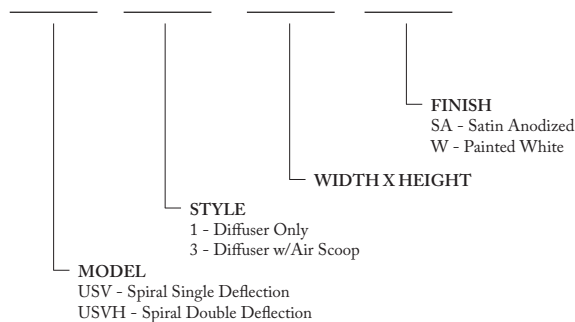
Universal Spiral Diffuser - Extruded Aluminum USVH3 - Double Deflection

- Diffuser with Air Scoop
- Adjustable blades
- White (W) or Satin Anodized (SA)

USVH3 - DOUBLE DEFLECTION											
HEIGHT	WIDTH										
		10	12	14	16	18	20	24	30	36	
	3	43.53	46.36	48.33	49.73	53.93	60.77	65.90	73.61	78.88	3
	4	45.33	47.96	50.35	53.16	56.11	64.32	70.16	78.00	86.10	4
	6	49.16	52.40	54.67	57.76	60.94	57.73	78.64	87.53	97.70	6
	8			58.38	61.53	65.09	79.89	85.83	94.96	104.90	8
	10				66.75	70.85	88.18	95.88	79.51	117.42	10
	12					75.58	97.64	105.38	116.76	128.52	12

MINIMUM DUCT DIAMETER PER LISTED PRICE											
HEIGHT	WIDTH										
		10	12	14	16	18	20	24	30	36	
	3	6	6	6	6	6	6	6	6	6	3
	4	10	10	10	10	10	10	10	10	10	4
	6	12	12	12	12	12	12	12	12	12	6
	8	20	20	20	20	20	20	20	20	20	8
	10			24	24	24	24	24	24	24	10
	12					30	30	30	30	30	12

How to Order:



See page 24 for sizes that have case quantities on USVH1 and USVH3 stock items.


USV1 Universal Spiral Diffuser

- Single Deflection
- Diffuser only
- Adjustable blades
- Extruded aluminum

SIZE	FINISH	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
			E	M		H			
USV1 UNIVERSAL SPIRAL DIFFUSER									
10 x 6	SA	558489	E				5		27.85
12 x 4	SA	558491	E				5		29.38
12 x 6	W	558492	E				5		30.77
12 x 6	SA	558493	E				5		30.77
14 X 6	SA	558495	E				5		32.99

Note: For USV1 sizes not listed, check page 22 or contact your Customer Service Representative.


USV3 Universal Spiral Diffuser

- Single Deflection
- Diffuser with air scoop
- Adjustable blades
- Extruded aluminum

SIZE	FINISH	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
			E	M		H			
USV3 UNIVERSAL SPIRAL DIFFUSER									
12 x 6	SA	558497	E				5		46.94
14 X 6	SA	558499	E				5		49.32

Note: For USV3 sizes not listed, check page 22 or contact your Customer Service Representative.


USVH1 Universal Spiral Diffuser

- Double Deflection
- Diffuser only
- Adjustable blades
- Extruded aluminum

SIZE	FINISH	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
			E	M		H			
USVH1 UNIVERSAL SPIRAL DIFFUSER									
10 x 6	W	558502	E				5		33.10
10 x 6	SA	558503	E				5		33.10
12 x 4	W	558504	E				5		33.56
12 x 4	SA	558505	E				5		33.56
12 x 6	W	558506	E				5		36.19
12 x 6	SA	558507	E				5		36.19
14 x 6	W	558510	E				5		38.36
14 x 6	SA	558511	E				5		38.36
14 x 8	W	558512	E				5		41.54
14 x 8	SA	558513	E				5		41.54
16 x 6	W	558514	E				5		41.29
16 x 8	W	558516	E				5		44.46
18 x 6	W	558518	E				5		44.34
18 x 6	SA	558519	E				5		44.34
20 x 6	W	558522	E				5		55.84
20 x 8	W	558524	E				5		62.14

Note: For USVH1 sizes not listed, check page 23 or contact your Customer Service Representative.


USVH3 Universal Spiral Diffuser

- Double with air scoop
- Diffuser only
- Adjustable blades
- Extruded aluminum

SIZE	FINISH	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
			E	M		H			
USVH3 UNIVERSAL SPIRAL DIFFUSER									
10 x 4	W	558526	E				5		45.33
10 x 6	SA	558529	E				5		49.16
12 x 4	W	558530	E				5		47.96
12 x 4	SA	558531	E				5		47.96
12 x 6	W	558532	E				5		52.40
12 x 6	SA	558533	E				5		52.40
14 x 6	SA	558535	E				5		54.67

Note: For USVH3 sizes not listed, check page 23 or contact your Customer Service Representative.



SS Spiral Slot
 1/2" Slot - SS50
 3/4" Slot - SS75
 1" Slot - SS10

- Extruded Aluminum
- Maximum length is 48 inches
- Length to be ordered in 6 inch increments
- Spiral Duct Diameter in increments of 2 inches

MODEL	LENGTH	NUMBER SLOTS	DIFFUSER ONLY	W/AIR SCOOP
SS SPIRAL SLOT SERIES - EXTRUDED ALUMINUM				
SS50	12	1	33.55	N/A
SS50	24	1	38.01	N/A
SS50	36	1	43.91	N/A
SS50	48	1	48.04	N/A
SS50	12	2	37.62	52.87
SS50	24	2	43.69	59.71
SS50	36	2	51.26	77.22
SS50	48	2	56.97	83.52
SS50	12	3	41.24	56.77
SS50	24	3	49.16	65.45
SS50	36	3	58.50	85.05
SS50	48	3	66.07	93.37
SS50	12	4	46.03	61.88
SS50	24	4	55.58	72.48
SS50	36	4	66.92	94.07
SS50	48	4	76.42	104.47

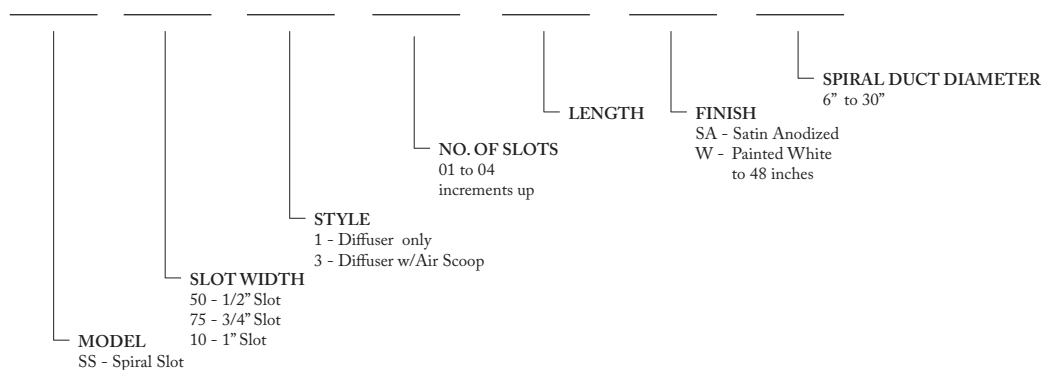
SS SPIRAL SLOT SERIES - EXTRUDED ALUMINUM				
SS75	12	1	33.67	48.63
SS75	24	1	38.12	53.55
SS75	36	1	44.03	69.40
SS75	48	1	48.20	74.03
SS75	12	2	37.86	53.15
SS75	24	2	43.93	59.99
SS75	36	2	51.52	77.52
SS75	48	2	57.26	83.87
SS75	12	3	41.59	57.20
SS75	24	3	49.51	65.90
SS75	36	3	58.90	85.53
SS75	48	3	66.54	93.90
SS75	12	4	46.51	62.44
SS75	24	4	56.08	73.08
SS75	36	4	67.50	94.75
SS75	48	4	77.09	105.22

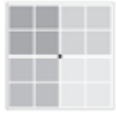
MODEL	LENGTH	NUMBER SLOTS	DIFFUSER ONLY	W/AIR SCOOP
SS SPIRAL SLOT SERIES - EXTRUDED ALUMINUM				
SS10	12	1	33.81	48.80
SS10	24	1	38.27	53.72
SS10	36	1	44.20	69.62
SS10	48	1	48.40	74.27
SS10	12	2	38.13	53.50
SS10	24	2	44.21	60.34
SS10	36	2	51.89	77.95
SS10	48	2	57.69	84.34
SS10	12	3	42.64	58.34
SS10	24	3	50.59	67.02
SS10	36	3	60.36	87.06
SS10	48	3	68.40	95.85
SS10	12	4	47.06	63.10
SS10	24	4	56.61	73.73
SS10	36	4	68.16	95.51
SS10	48	4	77.85	106.09

Width / Minimum Duct Diameter				
	Number of Slots			
Slot Width	1	2	3	4
50 (1/2")	1.75 / 6	3.00 / 8	4.25 / 12	5.50 / 16
75 (3/4")	2.00 / 6	3.50 / 10	5.00 / 14	6.50 / 22
10 (1")	2.25 / 6	4.00 / 12	5.75 / 16	7.50 / 28

Minimum Duct Diameter by slot width and number of slots				
	Number of Slots			
Slot Width	1	2	3	4
1/2"	6	8	12	16
3/4"	6	10	14	22
1"	6	12	16	28

How to Order:





Surfaire®
- T-Bar ceiling diffuser
- Aluminum face



Perforated Insulated



DPD/DPD R6 Plate Diffuser
- 360° air diffusion pattern
- detachable face plate
- 2" fixed collar
- steel



HVS High-Volume T-Bar Ceiling Diffuser
- HVS high-volume diffuser
- steel face
- fiberglass-insulated blanket attached to steel back panel



FPD/AFP Fixed-Pattern Diffuser with Fixed Neck
- FPD fixed-pattern diffuser (steel)
- AFPD fixed-pattern diffuser (aluminum)
- fixed neck



FPD3 Fixed-Pattern Diffuser
- steel
- fixed neck

MODEL	DESCRIPTION	FINISH	PART #	DC				PCS/ CASE	PCS/ LAYER	PRICE EACH
				E	M	D	H			
SURFAIRE®										
441	1-way, 6-12" collar	W	050303							41.62
442	2-way, 6-12" collar	W	050302							41.62
443	3-way, 6-12" collar	W	050301							41.62
444	4-way, 6-12" collar	W	050300	E	M		H	4	64	41.62
445	2-corner 6-12" collar	W	050304							41.62
44114	1-way with 14" collar	W	050308							54.06
44214	2-way with 14" collar	W	050307							54.06
44314	3-way with 14" collar	W	050306							54.06
44414	4-way with 14" collar	W	050305							54.06
44514	2-corner with 14" collar	W	050309							54.06

PERFORATED INSULATED										
PDS	directional for 6-12" collar	W	050340	E	M	D	H	4	64	39.83
PDS	nondirectional for 6-12" collar	W	050341	E	M		H	4	64	35.97
PDS14	directional with 14" collar	W	050342							50.16
PDS14	nondirectional with 14" collar	W	050343							46.07
PD24x12	face only	W	050660	E	M		H	4		11.15
PD24x24	face only	W	050344	E	M	D	H	10		16.44
PD48x24	face only	W	050661							29.54
PDR14	return with 14" collar	W	050346				H	2		43.99
PDR16	return with 16" collar	W	050516							44.70
PDR18	return with 18" collar	W	050517							44.70
PDF24x12	face with frame	W	050358							14.83
PDF24x24	face with frame	W	050347							20.40
PDF48x24	face with frame	W	050359							38.02

DPD/DPD R6 PLATE DIFFUSER										
DPD 06	6" plate diffuser	W	580458				H	2		34.29
DPD 08	8" plate diffuser	W	580459				H	2		34.29
DPD 10	10" plate diffuser	W	580460				H	2		34.29
DPD 12	12" plate diffuser	W	580461				H	2		34.29
DPD 14	14" plate diffuser	W	580462							34.29
DPD R6 06	6" plate diffuser R6	W	580463				H	2		44.02
DPD R6 08	8" plate diffuser R6	W	580464				H	2		44.02
DPD R6 10	10" plate diffuser R6	W	580465				H	2		44.02
DPD R6 12	12" plate diffuser R6	W	580466				H	2		44.02
DPD R6 14	14" plate diffuser R6	W	580467							44.02

HVS HIGH-VOLUME T-BAR CEILING DIFFUSER										
HVS	4-way for 6"-12" collar	W	050350	E	M	D	H	2	48	53.73
HVS14	4-way with 14" collar	W	050351	E	M		H	2		62.45
HVS R-6	" 4-way for 6"-12" collar with R6 insulation"	W	573892				H	2		63.44

FPD/AFP FIXED-PATTERN DIFFUSER WITH FIXED NECK										
FPD06	4-way louver (steel)	W	050500	E	M	D	H	2	48	32.95
FPD08	4-way louver (steel)	W	050502	E	M	D	H	2	48	32.95
FPD10	4-way louver (steel)	W	050504	E	M	D	H	2	48	32.95
FPD12	4-way louver (steel)	W	050505	E	M	D	H	2	48	32.95
FPD14	4-way louver (steel)	W	050506	E	M		H	2	48	32.95
AFP06	4-way louver (alum.)	W	050570				H	2		57.71
AFP08	4-way louver (alum.)	W	050571				H	2	48	57.71
AFP10	4-way louver (alum.)	W	050572				H	2	48	57.71
AFP12	4-way louver (alum.)	W	050573				H	2		57.71
AFP14	4-way louver (alum.)	W	050574							57.71

FPD3 FIXED-PATTERN DIFFUSER										
FPD306	4-way louver (steel)	W	050509	E	M	D	H	2	48	32.95
FPD308	4-way louver (steel)	W	050510	E	M	D	H	2	48	32.95
FPD310	4-way louver (steel)	W	050511	E	M	D	H	2	48	32.95
FPD312	4-way louver (steel)	W	050512	E	M	D	H	2	48	32.95
FPD314	4-way louver (steel)	W	050513	E	M		H	2	48	32.95



**FPD3
Fixed-Pattern
Diffuser**
- steel
- fixed neck
- R-6
Insulation

MODEL	DESCRIP- TION	FIN- ISH	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
				E	M	D	H			
FPD3 FIXED-PATTERN DIFFUSER (Continued)										
FPD3R606	4-way louver (steel) with R6 insulation	W	064334	E		D	H	2	48	42.67
FPD3R608	4-way louver (steel) with R6 insulation	W	064335	E		D	H	2	48	42.67
FPD3R610	4-way louver (steel) with R6 insulation	W	064336	E		D	H	2	48	42.67
FPD3R612	4-way louver (steel) with R6 insulation	W	064337			D	H	2	48	42.67
FPD3R614	4-way louver (steel) with R6 insulation	W	064338				H	2	48	42.67



**FPD3
Fixed-Pattern
Diffuser**
- Model 3800
Damper,
factory
installed

FPD3 FIXED-PATTERN DIFFUSER (Continued)										
FPD3 DR6 06	4-way louver (steel) with R6 insulation	W	583714				H	2	48	60.09
FPD3 DR6 07	4-way louver (steel) with R6 insulation	W	588630					2	48	60.09
FPD3 DR6 08	4-way louver (steel) with R6 insulation	W	583715				H	2	48	60.09
FPD3 DR6 10	4-way louver (steel) with R6 insulation	W	583716				H	2	48	60.09
FPD3 DR6 12	4-way louver (steel) with R6 insulation	W	583717				H	2	48	60.09
FPD3 DR6 14	4-way louver (steel) with R6 insulation	W	583718				H	2	48	60.09



FPD 12
- steel
- fixed neck
- two-cone
- can be used
with RD
Radial
Damper

FPD 12										
FPD12-06	6"	W	589056							13.53
FPD12-07	7"	W	589057							13.53
FPD12-08	8"	W	589058							13.53



5400 Collar

5400 COLLAR										
5406	6"		050310	E	M	D	H	12	192	4.11
5407	7"		050311	E	M	D	H	12	192	4.11
5408	8"		050312	E	M	D	H	12	192	4.11
5409	9"		050313	E	M		H	12		4.11
5410	10"		050314	E	M	D	H	10	160	4.11
5412	12"		050316	E	M	D	H	10	160	4.18
5414	14"		050317	E	M	D	H	4		12.22
5416	16"		050318				H	4		13.47
5418	18"		050319	E	M		H	4		13.60

Note: 5414-16-18 are available for use on REN and FBPS series diffusers when using 5400PP push pins. The 5414-16-18 will not fit HVS, PDSD and Surfaire style products. These products ship with the collar attached at the factory.



**6400 Tab
Collar**



**3800
Damper
Series**



**T19
Damper**



**The
Renovator Series
T-Bar Diffuser**
- Surfaire
or perforated
face available
- 1" molded
fiberglass

MODEL	DESCRIP- TION	FIN- ISH	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
				E	M	D	H			

6400 TAB COLLAR										
6406	6"		560836							3.06
6408	8"		560837							4.18
6410	10"		560838							5.11
6412	12"		560839							6.01
6414	14"		560840							6.98

3800 DAMPER SERIES										
3806	6"	GS	050290	E	M	D	H	12		7.85
3807	7"	GS	050291	E	M		H	12		7.85
3808	8"	GS	050292	E	M	D	H	12		7.85
3809	9"	GS	050293		M		H	12		8.54
3810	10"	GS	050294	E	M	D	H	10		8.54
3812	12"	GS	050295	E	M	D	H	10		9.52
3814	14"	GS	050296	E	M		H	8		10.90

T19 DAMPER										
T19	6"	W	079800							21.21
T19	8"	W	079801							22.57
T19	10"	W	079802							23.75
T19	12"	W	079803							25.15
T19	14"	W	079804							30.57
T19	16"	W	079805							46.65

THE RENOVATOR SERIES T-BAR DIFFUSER										
RENPS	RENPS	W	050356	E	M	D	H	4	40	18.60
RENP	RENP	W	050354	E	M	D	H	4	40	18.60
RENPS-R6	RENPS-R6	W	090125			D	H	4	40	19.95
REN4	REN4	W	050352	E			H	4	40	30.06
REN4-R6	REN4-R6	W	013110				H	4	40	31.48
ARENPS-R6	Aluminum	W	010200							21.48

MODEL	DESCRIP- TION	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH	PRICE/ BAG
			E	M	D	H				

5400PP PUSH PIN										
5400PP	100 pieces/ bag	014525	E	M		H	100		0.600	60.00



**5400PP
Push Pin**
- Permits
attachment
of 5400
collar to
the molded
fiberglass back



**RE5T/RE5TI
T-Bar Return Grille**
- grid core
- extruded aluminum
- overall size plus 1 3/4"



SRT4 T-Bar Directional Diffuser
- steel for 2 x 2 T-Bar
- 4-way deflection
- Also available in 1, 2 and 3-way deflection



ART4 T-Bar Directional Diffuser
- aluminum
- 4-way deflection
- also available in 1, 2 and 3-way deflection



SRET T-Bar Directional Diffuser
- louvered face
- 15x15 removable core
- 1" molded fiberglass back panel



**REF5T/REF5TI T-Bar
Filter Grille**
- grid core
- extruded aluminum
- overall size plus 3/4"



RH45T T-Bar Return Grille
- extruded aluminum
- overall size plus 1 3/4"

MODEL	DESCRIPTION	FINISH	PART #	DC				PCS/ CASE	PCS/ LAYER	PRICE EACH
				E	M	D	H			
RE5T/RE5TI T-BAR RETURN GRILLE										
RE5T	10 x 10	W	045503							14.32
RE5T	22 x 10	W	045501	E		D		5		22.97
RE5T	22 x 22	W	045500	E	M		H	5		47.28
RE5T	46 x 22	W	045502							111.46
RE5TI	22 x 22 with R4.2 molded back	W	045504	E		D	H	4		53.60

SRT4 T-BAR DIRECTIONAL DIFFUSER										
SRT4	6 x 6 & P24 x 24	W	027048							51.34
SRT4	9 x 9 & P24 x 24	W	027026							58.51
SRT4	12 x 12 & P24 x 24	W	027015							74.79
SRT4	15 x 15 & P24 x 24	W	027012							96.46

Note: For 18" x 18" neck, order SRE4 18 x 18.

ART4 T-BAR DIRECTIONAL DIFFUSER										
ART4	6 x 6 & P24 x 24	W	049990							76.90
ART4	9 x 9 & P24 x 24	W	049991							87.46
ART4	12 x 12 & P24 x 24	W	049992							111.31
ART4	15 x 15 & P24 x 24	W	049993							143.24
ART4	21 x 21	W	049994							185.58

Note: For 18" x 18" neck, order ARE4 18 x 18.

SRET T-BAR DIRECTIONAL DIFFUSER										
SRET	24 x 24	W	573636	E			H	4		51.76
SRET R6.0	24 x 24	W	573637				H	4		64.89

REF5T/REF5TI T-BAR FILTER GRILLE										
REF5T	20 x 20	W	046601	E	M	D	H	1		77.28
REF5TI R4.2	20 x 20	W	575780	E				1		68.32
REF5TI R6.0	20 x 20	W	577421							70.98
REF5T	44 x 20	W	046602							193.24

RH45T T-BAR RETURN GRILLE										
RH45T	22 x 10	W	045521							29.09
RH45T	22 x 22	W	045520	E	M		H	5		59.98
RH45T	46 x 22	W	045522							141.39
RH45T	22 x 22	SA	045523							59.98
RH45T	46 x 22	SA	045526							141.39



RD
Radial Blade Damper
- galvanized steel construction
- gang-operated radial blades
- mill finish



RHF45T
T-Bar Filter Grille
- extruded aluminum
- overall size plus 3/4"



RCBT
T-Bar Return Grille
- extruded aluminum
- curved blade
- overall size plus 1 3/4"



RFPS
Removable Face Perforated Supply
- removable-face perforated diffuser
- steel
- patented deflector



659T/PFT/PFTI T-Bar Filter Grille
- steel
- filter frame or molded fiberglass back

MODEL	DESCRIPTION	FINISH	PART #	DC				PCS/ CASE	PCS/ LAYER	PRICE EACH
				E	M	D	H			
RD RADIAL BLADE DAMPER										
RD	6"	MIL	054115	E	M	D	H	5		10.10
RD	8"	MIL	054116	E	M	D	H	5		10.92
RD	10"	MIL	054117	E	M	D	H	5		10.93
RD	12"	MIL	054118	E	M	D	H	5		11.78
RD	14"	MIL	054119	E	M	D	H	5		11.78

RHF45T T-BAR FILTER GRILLE										
RHF45T	20 x 20	W	046621	E	M		H	5		92.26
RHF45T	44 x 20	W	046622							223.77
RHF45T	20 x 20	SA	046623							89.58
RHF45T	44 x 20	SA	046624							223.77

RCBT T-BAR RETURN GRILLE										
RCBT	22 x 10	W	076450							30.56
RCBT	22 x 22	W	076451							63.01
RCBT	46 x 22	W	076452							148.57
RCBT	22 x 10	SA	076453							30.56
RCBT	22 x 22	SA	076454							63.01
RCBT	46 x 22	SA	076455							148.57

RFPS REMOVABLE FACE PERFORATED SUPPLY										
RFPS	removable face perforated supply	W	050563							40.67
RFPS14	14" with 14" collar	W	050562							51.01
RFPR	removable face perforated return	W	050564							39.05

Note: For 14" return, use CBPR (027593).

659T/PFT/PFTI T-BAR FILTER GRILLE										
659T	lanced face with filter-frame back 20 x 20	W	012745	E	M	D	H	3	36	39.49
659T	lanced face with filter-frame back 44 x 20	W	012746		M		H	1		96.13
659TI	lanced face with insulated back 20 x 20	W	050560	E	M	D	H	2	32	44.97
659TI R6.0	lanced face with insulated back 20 x 20	W	552239			D	H	2		47.65
PFT	perforated face with filter-frame back 20 x 20	W	050550	E	M			3		39.49
PFTI R4.2	perforated face with R4.2 insulated back 20 x 20	W	050555	E	M		H	2	40	44.97
PFTI R6.0	perforated face with 6.0 insulated back 20 x 20	W	011277				H	2		46.31



96AFBT
Fixed-Bar Filter Grille
- steel
- uses standard 1" filters
(not included)



94AT
T-Bar Return Grille
- T-Bar grille
- steel
- overall size plus 1 3/4"



RCBFT
T-Bar Return Grille
- extruded aluminum
- curved blade
- overall size plus 3/4"



673T
T-Bar Filter Grille



673TPI R6
T-Bar Filter Grille
- steel
- plenum box
- R6 insulated back
- uses standard 1" filters
(not included)



Surface-Mount Frame



Shallow Back Perforated
- all-steel construction
- face-mounted adjustable deflectors
- removable perf face



Fiberglass Backs

MODEL	DESCRIPTION	FINISH	PART #	DC				PCS/ CASE	PCS/ LAYER	PRICE EACH
				E	M	D	H			
96AFBT FIXED-BAR FILTER GRILLE										
96AFBT	20 x 20	W	021843	E	M		H	3		42.72
96AFBT	44 x 20	W	574804							89.52
96AFBTI	20 x 20 with R4.2 insulated back	W	043954	E	M		H	2		47.88

94AT T-BAR RETURN GRILLE										
94AT	22 x 10	W	050850							21.86
94AT	22 x 22	W	050851	E	M	D	H	1		47.35

RCBFT T-BAR RETURN GRILLE										
RCBFT	20 x 20	W	076460							94.04
RCBFT	44 x 20	W	076461							234.95
RCBFT	20 x 20	SA	076462							94.04
RCBFT	44 x 20	SA	076463							234.95

673T T-BAR FILTER GRILLE										
673T	20 x 20	W	012780	E				3		37.60

673TPI R6 T-BAR FILTER GRILLE										
673TPI R6	20 x 20	W	557788	E		D	H	2		35.96

SURFACE-MOUNT FRAME										
SMF	12 x 12	W	050323							17.08
SMF	24 x 12	W	050321							19.08
SMF	24 x 24	W	050299	E	M		H	2		21.20
SMF	24 x 48	W	050322							27.61

SHALLOW BACK PERFORATED										
SBP06	6" (supply)	W	050848	E			H	2		33.40
SBP08	8" (supply)	W	050849	E			H	2		33.40
SBP10	10" (supply)	W	050839	E			H	2		33.40
SBP12	12" (supply)	W	050840							33.40
SBP14	14" (supply)	W	050841							33.40

FIBERGLASS BACKS										
R4*	T-Bar Rigid Univ Insul Back R4		010147				H	10		11.48
R6**	T-Bar Rigid Univ Insul Back R6		016429				H	10		11.90
PDSD***	PDSD Insulation		014909							2.66

* Use with: REN4, RENP, RENPS, 659T, 673T, SRET, PFT, 96AFBT, RE5T

** Use with: ARENPS, RENPS, PFT, REN4, DPD, FPD3, 659T, 96AFBT, RE5T

*** Use With: PDSD, PDS, HVS, 444

**Curved-Blade Perforated**

- for 2 x 2 T-Bar
- adjustable curved-blade deflectors
- removable face
- steel

Note: For aluminum, use the "A" prefix for model and add 25% to steel list price.

MODEL	DESCRIPTION	FINISH	PART #	DC				PCS/ CASE	PCS/ LAYER	PRICE EACH
				E	M	D	H			

CURVED-BLADE PERFORATED

CBPS	6" supply	W	050801	E	M		H	2		43.92
CBPS	8" supply	W	050802	E	M		H	2		43.92
CBPS	10" supply	W	050803	E	M	D	H	2		43.92
CBPS	12" supply	W	050804	E	M	D	H	2		44.69
CBPS	14" supply	W	050805		M	D	H	2		45.38
CBPS	16" supply	W	084308							47.62
CBPR	6" return	W	050806	E	M		H	2		36.45
CBPR	8" return	W	050807	E	M		H	2		36.45
CBPR	10" return	W	050808	E	M		H	2		36.45
CBPR	12" return	W	050809	E	M		H	2		36.45
CBPR	14" return	W	050810	E	M		H	2		37.21
CBPR	16" return	W	015500	E	M		H	2		38.38
CBPR	18" return	W	015501		M			2		39.48
CBPS-EQ	6" supply	W	016037		M			2		43.92
CBPS-EQ	8" supply	W	016038		M			2		43.92
CBPS-EQ	10" supply	W	016039		M			2		43.92
CBPS-EQ	12" supply	W	016040		M			2		44.69
CBPS-EQ	14" supply	W	016041		M			2		45.38
CBPR-EQ	6" return	W	016044		M			2		36.45
CBPR-EQ	8" return	W	016045		M			2		36.45
CBPR-EQ	10" return	W	016046		M			2		36.45
CBPR-EQ	12" return	W	016047		M			2		36.45
CBPR-EQ	14" return	W	016048		M			2		37.21
CBPR-EQ	16" return	W	016049		M			2		38.38
CBPR-EQ	18" return	W	016050		M			2		39.48

WITH BLACK INTERIOR

CBPS	6" supply	W	0N7784							43.92
CBPS	8" supply	W	015419							43.92
CBPS	10" supply	W	015677							43.92
CBPS	12" supply	W	015420							44.69
CBPS	14" supply	W	015678							45.38
CBPS	16" supply	W	070526							47.36
CBPR	6" return	W	098350							36.45
CBPR	8" return	W	027590							36.45
CBPR	10" return	W	027591							36.45
CBPR	12" return	W	027592							36.45
CBPR	14" return	W	027593							37.21
CBPR	16" return	W	027594							38.38

SCBPS STAMPED CURVED-BLADE PERFORATED SUPPLY

SCBPS	6"	W	556286	E	M		H	2		22.50
SCBPS	8"	W	556287	E	M		H	2		22.64
SCBPS	10"	W	556288	E	M		H	2		22.80
SCBPS	12"	W	556289	E	M		H	2		22.96
SCBPS	14"	W	556290	E				2		23.09
SCBPSEQ	6"	W	556291		M			2		20.19
SCBPSEQ	8"	W	556292		M			2		20.19
SCPBSEQ	10"	W	556293		M			2		20.19
SCPBSEQ	12"	W	556294		M			2		24.84
SCPBSEQ	14"	W	556295		M			2		20.19

FLAT-BACK PERFORATED

FBCS	supply	W	050837	E	M		H	4		31.13
FBR	return	W	050838	E	M		H	4		28.26

**SCBPS Stamped Curved-Blade Perforated Supply**

- for 2' x 2' T-Bar
- stamped curved-blade deflector
- even 360° airflow
- removable face
- steel

**Flat-Back Perforated**

- R4.2 insulation
- ductboard back
- steel sides
- stamped curved-blade deflector

**ECBXT Ceiling Diffuser Box**

- for 24 x 24 T-Bar installation

**5400PP Push Pin**

- Permits attachment of 5400 collar to the molded fiberglass back

ECBXT CEILING DIFFUSER BOX

ECBXT	24 x 24	W	025865							78.59
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5400PP PUSH PIN

5400PP	100 pieces/bag	014525	E	M		H	100		0.600	60.00
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20 Round Diffuser

MODEL	DESCRIPTION	FINISH	PART #	DC				PCS/ CASE	PCS/ LAYER	PRICE EACH
				E	M	D	H			
20 ROUND DIFFUSER										
20	6"	W	048700							40.88
20	8"	W	048701							74.78
20	10"	W	048702							77.14
20	12"	W	048703							79.77
20	14"	W	048704							99.59
20	16"	W	048705							124.50
20	18"	W	048706							155.69

19 Damper
- duct-mount only

19 DAMPER										
19	6"	W	048720							20.35
19	8"	W	048721							21.78
19	10"	W	048722							23.03
19	12"	W	048723							24.44
19	14"	W	048724							29.83
19	16"	W	048725							45.85
19	18"	W	048726							51.12



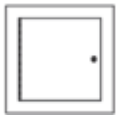
18 Duct Ring

18 DUCT RING										
18	6"	W	048710							5.27
18	8"	W	048711							7.00
18	10"	W	048712							10.64
18	12"	W	048713							14.14
18	14"	W	048714							17.60
18	16"	W	048715							21.05
18	18"	W	048716							24.68

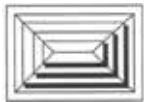


Square-to-Round Transition

MODEL	PART #	DESCRIPTION	SQUARE SIZE	ROUND NECK	DC				PCS/ CASE	PRICE EACH
					E	M	D	H		
SQUARE-TO-ROUND TRANSITION										
SR0606	031730	SR/AR Series	6 x 6	6	E				1	9.81
SR0906	031731	SR/AR Series	9 x 9	6						7.26
SR0908	031732	SR/AR Series	9 x 9	8	E			H	1	11.56
SR1210	031733	SR/AR Series	12 x 12	10	E				1	13.05
SR1212	031734	SR/AR Series	12 x 12	12	E				1	13.18
SR1512	031735	SR/AR Series	15 x 15	12						10.06
SR1514	031736	SR/AR Series	15 x 15	14						11.42
SR1816	031737	SR/AR Series	18 x 18	16						14.35
SR1818	031738	SR/AR Series	18 x 18	18						14.50
SR2014	031739	659T/RHF45T/REF5T	20 x 20	14						15.15
SR2016	031740	659T/RHF45T/REF5T	20 x 20	16						15.32
SR2018	031741	659T/RHF45T/REF5T	20 x 20	18						15.45
SR2214	031742	RH45T & RE5T	22 x 22	14						15.95
SR2216	031743	RH45T & RE5T	22 x 22	16						16.18
SR2218	031744	RH45T & RE5T	22 x 22	18						16.42

6100 Access Door
- steel construction
- continuous door hinge
- flush cam-lock door
fastening
- white finish

MODEL	PART #	SIZE	FINISH	DC				PCS/ CASE	PRICE EACH
				E	M	D	H		
6100 ACCESS DOOR									
6100	054104	6 x 6	W						13.95
6100	054105	8 x 8	W						15.26
6100	054106	10 x 10	W						16.39
6100	054107	12 x 12	W						17.59
6100	054108	14 x 14	W						18.96
6100	054109	16 x 16	W						22.03
6100	054110	18 x 18	W						22.50
6100	054111	20 x 20	W						24.28
6100	054112	22 x 22	W						27.32
6100	054113	24 x 24	W						37.93



Louver-Faced
Diffusers - Steel
SRE Flat frame
SRS Beveled frame
- surface-mount
diffuser
- fixed pattern
- 1-2-3-4-way
deflection
- removable core
- white (W)

LOUVER-FACED DIFFUSERS - STEEL								
	6	9	12	15	18	21	24	
6	28.93	32.54	36.08	39.76	45.12	50.64	56.01	6
9		36.08	43.43	50.64	57.80	64.91	72.23	9
12			52.37	61.43	70.40	79.42	88.43	12
15				74.02	84.86	95.65	106.41	15
18					97.53	111.91	126.40	18
21						126.40	146.20	21
24							162.41	24

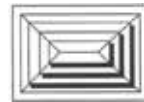
How to order: Model, Air Pattern, Width x Height, Finish
Example - SRE 4 12x12 W



SR6
- control grid

SR6								
	6	9	12	15	18	21	24	
6	4.99	6.87	9.43	11.13	11.98	13.81	15.04	6
9		8.18	10.30	12.89	14.59	16.35	17.99	9
12			11.47	14.22	16.35	18.93	21.43	12
15				15.51	18.93	21.43	24.02	15
18					20.35	24.81	27.38	18
21						36.70	41.66	21
24							44.40	24

How to order: Model, Width x Height Example - SR6 6x6
listed sizes only



Louver-Faced
Diffusers - Steel
**SRED Flat frame
with damper**
**SRSD Beveled
frame with damper**
- surface-mount
diffuser
- fixed pattern
- 1-2-3-4-way
deflection
- removable core
- opposed-blade
damper attached
- white (W)

LOUVER-FACED DIFFUSERS - STEEL								
	6	9	12	15	18	21	24	
6	37.32	43.21	48.73	54.24	61.15	67.93	74.82	6
9		47.57	57.09	66.01	74.80	83.27	91.79	9
12			66.83	78.18	88.30	98.87	108.91	12
15				93.91	106.79	119.81	132.67	15
18					121.17	137.39	153.94	18
21						154.46	175.83	21
24							193.76	24

How to order: Model, Air Pattern, Width x Height, Finish
Example - SRED 4 6x6 W



SR7
- duct mount only
- opposed-blade
damper

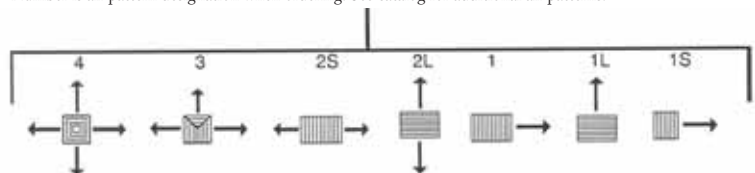
SR7								
	6	9	12	15	18	21	24	
6	8.39	10.77	12.72	14.56	16.04	17.40	18.90	6
9		11.53	13.74	15.42	17.02	18.41	19.55	9
12			14.55	16.80	17.99	19.53	20.52	12
15				19.97	22.02	24.16	26.31	15
18					23.70	25.58	27.61	18
21						28.08	29.67	21
24							31.44	24

How to order: Model, Width x Height, Finish
Example - SR7 6x6 W listed sizes only

Note: For standard T-Bar applications, see page 28 (SRT 4 and ART4).
For other T-Bar panel requirements, see page 59.

Air Patterns

Number is air pattern designation when ordering. See catalog for additional air patterns.





Louver-Faced
Diffusers - Aluminum

ARE Flat Frame

ARF Flush Frame

ARS Beveled Frame

- supply diffuser
- 1-2-3-4-way deflection
- removable core
- white (W) or satin anodized (SA)

LOUVER-FACED DIFFUSERS - ALUMINUM												
	6	9	12	15	18	21	24	27	30	33	36	
6	42.46	47.75	53.03	59.71	66.39	74.31	82.21	90.17	98.13	106.08	113.91	6
9		53.03	63.69	74.32	84.91	95.16	106.08	116.64	127.22	137.87	148.51	9
12			76.89	90.17	103.37	116.64	129.91	143.17	156.31	169.67	182.90	12
15				108.79	124.53	140.58	156.31	174.98	190.92	209.44	230.58	15
18					143.17	164.26	185.57	206.70	227.93	251.86	278.23	18
21						185.57	214.67	254.59	264.99	291.52	323.29	21
24							238.57	273.21	299.37	328.68	357.73	24
27								296.81	333.79	365.71	400.13	27
30									373.62	408.06	445.34	30
33										450.47	490.27	33
36											535.31	36

How to order: Model, Air Pattern, Width x Height, Finish Example - ARE 1L 15x9 SA



Louver-Faced
Diffusers - Aluminum

ARED Flat Frame with damper

ARFD Flush Frame with damper

ARSD Beveled Frame with damper

- supply diffuser
- 1-2-3-4-way deflection
- removable core
- aluminum opposed-blade damper attached
- white (W) or satin anodized (SA)

LOUVER-FACED DIFFUSERS - ALUMINUM												
	6	9	12	15	18	21	24	27	30	33	36	
6	54.69	63.52	71.59	79.72	89.79	99.82	109.73	126.07	137.50	149.09	160.50	6
9		69.75	83.68	96.94	109.82	122.28	134.84	153.60	167.60	181.63	195.69	9
12			98.03	114.67	129.70	145.19	159.82	181.15	197.62	214.10	230.69	12
15				138.09	156.93	176.00	194.94	221.19	240.40	261.85	285.75	15
18					177.92	201.75	225.92	254.63	278.86	305.28	334.82	18
21						226.80	258.23	212.01	318.52	347.51	401.46	21
24							284.58	326.24	354.96	386.60	422.78	24
27								352.51	392.10	432.54	473.10	27
30									443.20	477.32	522.62	30
33										521.54	568.25	33
36											618.55	36

How to order: Model, Air Pattern, Width x Height, Finish Example - ARED 4 9x9



AR6

- control grid
- aluminum
- mill finish

AR6												
	6	9	12	15	18	21	24	27	30	33	36	
6	7.75	10.77	14.73	17.42	18.75	21.50	23.49	26.77	29.58	32.27	34.80	6
9		12.85	16.06	20.12	22.77	25.55	28.20	32.27	34.53	38.83	41.54	9
12			17.89	22.77	25.55	29.59	33.48	37.56	41.54	45.49	48.20	12
15				24.37	29.58	33.48	37.56	42.78	46.83	50.80	56.11	15
18					31.90	38.83	42.78	57.42	62.98	66.92	70.96	18
21						50.68	65.54	73.59	81.59	88.41	96.15	21
24							69.42	78.82	86.99	94.99	102.79	24
27								88.78	92.22	101.66	109.52	27
30									97.48	106.92	116.47	30
33										113.51	122.93	33
36											152.24	36

How to order: Model, Width x Height Example - AR6 12x12



AR7

- opposed-blade damper
- extruded aluminum
- mill finish

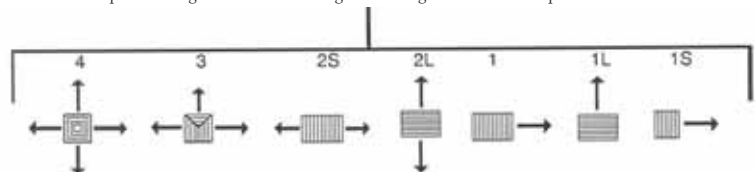
AR7												
	6	9	12	15	18	21	24	27	30	33	36	
6	12.23	15.81	18.63	21.29	23.49	25.55	27.66	35.99	39.43	43.01	46.60	6
9		16.75	20.07	22.70	24.91	26.94	28.82	37.06	40.40	43.80	47.18	9
12			21.24	24.53	26.33	28.60	29.94	38.06	41.37	44.50	49.96	12
15				29.30	32.42	35.50	38.67	46.25	49.58	52.41	55.20	15
18					34.77	37.56	40.40	47.92	51.02	53.50	56.67	18
21						41.29	43.65	51.08	53.59	56.02	58.34	21
24							46.08	53.06	55.62	57.97	65.16	24
27								55.79	58.34	66.86	73.03	27
30									69.67	69.27	77.32	30
33										71.16	78.00	33
36											83.25	36

Model, Width x Height Example - AR7 12x12

Note: For standard T-Bar applications, see page 28 (SRT 4 and ART4).
For other T-Bar panel requirements, see page 59.

Air Patterns

Number is air pattern designation when ordering. See catalog for additional air patterns.





**ASRE & ASRS
Supply Return
Diffuser**
- four-way deflection
- extruded aluminum
- white (W) or satin
anodized (SA)

SUPPLY SIZE	RETURN SIZE	PRICE EACH
SUPPLY RETURN DIFFUSER		
9 x 9	6 x 6	63.75
12 x 12	9 x 9	63.80
12 x 9	9 x 6	69.72
15 x 15	9 x 9	99.14
15 x 12	12 x 9	79.37
15 x 9	12 x 6	59.58
15 x 6	12 x 3	59.58
18 x 18	12 x 12	131.36
18 x 15	12 x 9	113.59
18 x 12	12 x 6	90.89
18 x 9	15 x 6	68.19
21 x 21	15 x 15	173.54
21 x 18	15 x 12	148.71
21 x 15	15 x 9	123.92
21 x 12	15 x 6	99.14
21 x 9	18 x 6	74.39
24 x 24	18 x 18	224.86
24 x 21	18 x 15	196.79
24 x 18	18 x 12	168.63
24 x 15	18 x 9	140.55
24 x 12	18 x 6	112.43
24 x 9	21 x 6	84.40
27 x 27	18 x 18	274.94
27 x 24	18 x 15	244.35
27 x 21	21 x 15	213.77
27 x 18	21 x 12	183.34
27 x 15	21 x 9	183.34
27 x 12	21 x 6	122.25
30 x 30	21 x 21	348.74
30 x 27	21 x 18	313.89
30 x 24	21 x 15	279.07
30 x 21	21 x 12	244.17
30 x 18	24 x 12	209.29
30 x 15	24 x 9	174.39
33 x 33	21 x 21	417.91
33 x 30	24 x 21	379.88
33 x 27	24 x 18	341.86
33 x 24	24 x 15	303.91
33 x 21	24 x 12	265.96
33 x 18	27 x 12	227.98
33 x 15	27 x 9	190.02
36 x 36	24 x 24	491.92
36 x 33	27 x 24	450.99
36 x 30	27 x 21	409.95
36 x 27	27 x 18	369.00
36 x 24	27 x 15	328.01
36 x 21	27 x 12	287.01
36 x 18	30 x 12	245.93
42 x 42	27 x 27	649.51
42 x 18	27 x 12	279.35

Options: Supply Damper Option -
AS7 - 4 required
Return Damper Option -
AR7 - 1 required
Contact factory for damper pricing.



**MCD
Modular Diffuser**
- flat frame
- extruded aluminum

**MCDD
Modular Diffuser**
- MCD diffuser with
attached OB damper
- extruded aluminum

**Modular T-Panel -
Steel-** converts MCD
series diffuser to
T-Bar lay-in

**MCDS
Modular Diffuser**
- step-down margin
- extruded aluminum

**MCSDS
Modular Diffuser**
- MCDS with
OB damper
- extruded aluminum

**MC DST
Modular Diffuser**
- MCDS in aluminum
T-Bar panel

**MCSDST
Modular Diffuser**
- MCDS in aluminum
T-Bar panel with
attached OB damper

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
MCD MODULAR DIFFUSER								
6 x 6 (W)	032816							20.56
8 x 8 (W)	032817							25.37
10 x 10 (W)	032818							30.02
12 x 12 (W)	032819							35.72
14 x 14 (W)	032820							44.51
16 x 16 (W)	032821							55.01
18 x 18 (W)	032822							67.85
20 x 20 (W)	032823							82.75
22 x 22 (W)	032824							108.52
MCDD MODULAR DIFFUSER								
6 x 6 (W)	032825							27.96
8 x 8 (W)	032826		M			10		35.00
10 x 10 (W)	032827		M			5		43.13
12 x 12 (W)	032828		M		H	5		50.82
14 x 14 (W)	032829							59.91
16 x 16 (W)	032830							74.45
18 x 18 (W)	032831							91.23
20 x 20 (W)	032832							111.25
22 x 22 (W)	032833							146.44
MODULAR T-PANEL - STEEL								
6	032835							22.89
8	032836							22.89
10	032837							22.89
12	032838							22.89
14	032839							22.89
16	032840							25.11
18	032841							23.92
20	032842							25.11
MCDS MODULAR DIFFUSER								
6 x 6 (W)	030924							20.56
8 x 8 (W)	030925							25.37
10 x 10 (W)	030926							30.02
12 x 12 (W)	030927							35.72
14 x 14 (W)	030928							44.51
16 x 16 (W)	030929							55.01
18 x 18 (W)	030930							67.85
20 x 20 (W)	030931							82.75
MCSDS MODULAR DIFFUSER								
6 x 6 (W)	030932							27.96
8 x 8 (W)	030933							35.00
10 x 10 (W)	030934							43.13
12 x 12 (W)	030935							50.82
14 x 14 (W)	030936							59.91
16 x 16 (W)	030937							74.45
18 x 18 (W)	030938							84.58
20 x 20 (W)	030939							111.25
MCDST MODULAR DIFFUSER								
6 x 6 (W)	030940							47.77
8 x 8 (W)	030941							53.01
10 x 10 (W)	030942							58.10
12 x 12 (W)	030943							64.42
14 x 14 (W)	030944							74.11
16 x 16 (W)	030945							89.23
18 x 18 (W)	030946							103.28
20 x 20 (W)	030947							119.65
MCSDST MODULAR DIFFUSER								
6 x 6 (W)	030948							55.84
8 x 8 (W)	030949							63.62
10 x 10 (W)	030950							72.57
12 x 12 (W)	030951							81.02
14 x 14 (W)	030952							90.99
16 x 16 (W)	030953							110.57
18 x 18 (W)	030954							128.99
20 x 20 (W)	030955							150.99

SIZE	PART #	ROUND NECK	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
			E	M	D	H			
MCDSTSR MODULAR DIFFUSER									
6 x 6	060803	6							53.87
8 x 8	060804	6							57.73
10 x 10	060805	8							60.99
12 x 12	060806	10							65.16
14 x 14	060807	12							71.48
16 x 16	060808	14							89.85
18 x 18	060809	16							117.63
20 x 20	060810	18							153.26

**MCDSTSR
Modular
Diffuser**
- MCDS in
aluminum
T-Bar
panel with
square-to-
round
transition

MCDSDTSR MODULAR DIFFUSER									
6 x 6	060811	6							61.44
8 x 8	060812	6							69.97
10 x 10	060813	8							79.86
12 x 12	060814	10							89.11
14 x 14	060815	12							100.08
16 x 16	060816	14							121.61
18 x 18	060817	16							141.89
20 x 20	060818	18							166.12

**MCDSDTSR
Modular
Diffuser**
- MCDS in
aluminum
T-Bar panel
with attached
OB damper
and square-
to-round
transition

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
821 SUPPLY REGISTER								
6 x 4 (W)	075000							13.54
6 x 6 (W)	075001	E	M		H	10		14.52
8 x 4 (W)	075002	E	M		H	10		14.04
8 x 6 (W)	075003	E	M		H	10		15.31
8 x 8 (W)	075004	E	M	D	H	10		16.79
10 x 4 (W)	075005	E	M	D	H	10	480	15.31
10 x 5 (W)	075006							16.12
10 x 6 (W)	075007	E	M	D	H	10	300	16.84
10 x 8 (W)	075008	E	M		H	10		18.44
10 x 10 (W)	075009	E	M	D	H	5		19.75
12 x 4 (W)	075010	E	M	D	H	10		16.84
12 x 5 (W)	075011							17.61
12 x 6 (W)	075012	E	M	D	H	10	300	18.23
12 x 8 (W)	075013	E	M	D	H	10		20.32
12 x 10 (W)	075014	E	M		H	5		22.96
12 x 12 (W)	075015	E	M	D	H	5		23.74
14 x 4 (W)	075016	E	M		H	10		18.23
14 x 5 (W)	075017							19.75
14 x 6 (W)	075018	E	M	D	H	10		20.32
14 x 8 (W)	075019	E	M	D	H	10		21.72
14 x 10 (W)	075020	E	M		H	5		23.74
14 x 12 (W)	075021	E	M		H	5		25.98
14 x 14 (W)	075022	E	M		H	5		31.61
16 x 4 (W)	075023	E			H	10		24.43
16 x 6 (W)	075024	E	M	D	H	10		23.05
16 x 8 (W)	075025	E	M	D	H	5		23.74
16 x 10 (W)	075026	E			H	5		25.98
16 x 12 (W)	075027	E				5		39.19
16 x 14 (W)	075028							32.32
16 x 16 (W)	075029	E	M		H	5		36.42
18 x 4 (W)	075030	E				10		21.16
18 x 6 (W)	075031	E	M		H	10		23.18
18 x 8 (W)	075032	E	M		H	5		25.37
18 x 10 (W)	075033	E				5		28.78
18 x 12 (W)	075034	E				5		30.73
18 x 14 (W)	075035							35.63

**821
Supply Register**
- vertical blades
- single deflection
- multi-shutter
damper
- steel



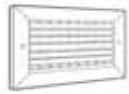
**821
Supply
Register**
- vertical
blades
- single
deflection
- multi-
shutter
damper
- steel

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
821 SUPPLY REGISTER (Continued)								
18 x 16 (W)	075036							40.01
18 x 18 (W)	075037	E				3		44.70
20 x 4 (W)	075038	E	M			5		24.72
20 x 6 (W)	075039	E	M		H	5		28.02
20 x 8 (W)	075040	E	M		H	5		26.58
20 x 10 (W)	075041	E			H	5		30.16
20 x 12 (W)	075042	E			H	3		33.07
20 x 14 (W)	075043	E				3		38.60
20 x 16 (W)	075044							43.42
20 x 18 (W)	075045							49.04
20 x 20 (W)	075046							54.72
24 x 4 (W)	075047	E				5		25.98
24 x 6 (W)	075048	E	M		H	5		28.78
24 x 8 (W)	075049	E	M		H	5		31.61
24 x 10 (W)	075050	E			H	5		34.40
24 x 12 (W)	075051	E			H	3		37.92
24 x 14 (W)	075052							44.14
24 x 16 (W)	075053							50.40
24 x 18 (W)	075054							56.75
24 x 24 (W)	075055							77.03
28 x 8 (W)	012040					5		44.82
30 x 4 (W)	075056							32.32
30 x 6 (W)	075057	E	M		H	5		48.58
30 x 8 (W)	075058	E			H	5		40.57
30 x 10 (W)	075059	E				3		44.78
30 x 12 (W)	075060	E				3		49.04
30 x 14 (W)	075061							56.75
30 x 16 (W)	075062							63.75
30 x 18 (W)	075063							71.38
36 x 6 (W)	075064							44.03
36 x 8 (W)	075065							49.71
36 x 10 (W)	075066							55.31
36 x 12 (W)	075067	E				3		60.79
36 x 14 (W)	075068							69.31

831 SUPPLY REGISTER								
8 x 4 (W)	075070							14.10
8 x 6 (W)	075071							15.36
10 x 4 (W)	075072	E				10		15.36
10 x 6 (W)	075073							16.89
10 x 8 (W)	075074							18.50
12 x 4 (W)	075075							16.89
12 x 6 (W)	075076	E				10		18.34
12 x 8 (W)	075077							20.40
12 x 10 (W)	075078							21.80
14 x 4 (W)	075079							18.34
14 x 6 (W)	075080	E	M			6		20.40
14 x 8 (W)	075081							21.80
16 x 6 (W)	075082							21.80
16 x 8 (W)	075083							23.89



**831 Supply
Register**
- horizontal
blades
- single
deflection
- multi-
shutter
damper
- steel



**831
Supply Register**

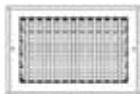
SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
831 SUPPLY REGISTER (Continued)								
20 x 6 (W)	075084							24.66
20 x 8 (W)	075085							26.72
20 x 10 (W)	075086							30.33
20 x 14 (W)	012470							38.77
24 x 6 (W)	075087							28.92
24 x 8 (W)	075088							31.78
24 x 10 (W)	075089							34.57
24 x 12 (W)	075090							38.11
30 x 6 (W)	075091							36.60
30 x 8 (W)	075092							40.77
36 x 12 (W)	075093							61.08



**94A
Horizontal Blades**
- 35°

94A HORIZONTAL BLADES - 35°								
6 x 6 (W)	011699	E	M		H	10		8.59
8 x 8 (W)	011703	E	M		H	10		9.80
10 x 6 (W)	011706	E	M			10		10.40
10 x 8 (W)	011707	E				10		11.17
10 x 10 (W)	011708	E	M		H	10		11.42
12 x 6 (W)	011711	E	M		H	10		10.62
12 x 8 (W)	011712	E	M			10		11.86
12 x 12 (W)	011714	E	M	D	H	10		13.96
14 x 6 (W)	011717	E	M			10		11.86
14 x 8 (W)	011718	E	M		H	10		12.72
14 x 14 (W)	011721	E	M		H	10		17.12
16 x 16 (W)	011729	E	M		H	5		20.55
18 x 12 (W)	011735							18.00
18 x 18 (W)	011738	E	M		H	5		26.07
20 x 6 (W)	011741		M			5		14.24
20 x 14 (W)	011745	E	M			5		22.50
20 x 20 (W)	011748	E	M		H	2		31.63
24 x 8 (W)	011752	E	M			5		17.63
24 x 10 (W)	011753	E	M			5		19.93
24 x 12 (W)	011754	E	M			5		21.86
24 x 14 (W)	011755	E	M			2		25.56
24 x 24 (W)	011758					2		42.97
25 x 20 (W)	011823		M			2		45.54
30 x 8 (W)	011771							23.50
30 x 10 (W)	011772							25.99
30 x 12 (W)	011773							28.45
30 x 14 (W)	011774	E	M			2		32.90
30 x 20 (W)	015312		M			2		39.44

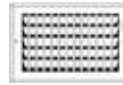
Note: For 94A sizes not listed, check Page 39 or contact your Customer Service Representative.



**92VHV
Supply Register**
- double deflection
- vertical front
adjustable blades
- opposed-blade
damper
- steel

92VHV SUPPLY REGISTER								
6 x 6 (W)	010479	E	M		H	5		19.38
10 x 6 (W)	010486	E	M		H	5		22.08
12 x 6 (W)	010491	E	M		H	5		23.92
14 x 6 (W)	010497	E	M	D	H	5		26.66
14 x 8 (W)	010498	E	M		H	5		28.40
16 x 6 (W)	010504	E	M		H	5		28.36

Note: For 92VHV sizes not listed, check Page 40 or contact your Customer Service Representative.



**VM Supply
Register**
- single
deflection
- adjustable
vertical blades
- multi-shutter
damper
- extruded
aluminum

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
VM SUPPLY REGISTER								
6 x 6 (W)	060599		M			10		20.36
8 x 8 (W)	060603		M			10		23.49
10 x 4 (W)	060604							21.49
10 x 5 (W)	060605		M			10		22.73
10 x 10 (W)	060608		M			10		27.79
12 x 6 (W)	060611	E	M		H	10		25.67
12 x 12 (W)	060614		M			10		33.33
14 x 6 (W)	060617	E	M			10		28.61
14 x 10 (W)	060619	E	M		H	10		33.33

How to order: For VM sizes not listed, check Page 44 or contact your Customer Service Representative.



**RH45
Return Grille**
- fixed horizontal
blades 45°
- extruded
aluminum

RH45 RETURN GRILLE								
6 x 6 (W)	063999	E	M			10		13.76
8 x 8 (W)	064003	E	M		H	10		15.79
10 x 6 (W)	064006	E	M		H	10		15.68
10 x 10 (W)	064008	E	M		H	10		18.26
12 x 6 (W)	064011	E	M		H	10		16.95
12 x 8 (W)	064012	E	M		H	10		18.97
12 x 12 (W)	064014	E	M		H	10		22.34
14 x 6 (W)	064017	E	M		H	10		18.97
14 x 8 (W)	064018	E	M		H	10		20.26
14 x 14 (W)	064021	E	M		H	5		27.36
16 x 10 (W)	064026	E			H	5		23.97
16 x 16 (W)	064029	E	M		H	5		32.81
18 x 18 (W)	064038	E	M		H	5		41.75
20 x 10 (W)	064043	E	M		H	5		28.04
20 x 12 (W)	064044	E	M		H	5		30.42
20 x 20 (W)	064048	E	M		H	5		50.54
24 x 8 (W)	064063	E	M			5		29.24
24 x 10 (W)	064064	E	M		H	5		31.83
24 x 12 (W)	064065	E	M		H	5		34.93
24 x 14 (W)	064066	E	M		H	5		41.04
24 x 24 (W)	064071	E	M		H	5		71.45
25 x 20 (W)	0F0523		M		H	5		62.38
30 x 10 (W)	064103	E	M		H	5		41.56
30 x 12 (W)	064104	E	M		H	5		45.53
30 x 14 (W)	064105	E	M		H	5		52.63
30 x 20 (W)	064108	E	M		H	5		72.18

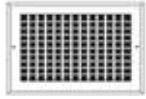
Note: For RH45 sizes not listed, check Page 44 or contact your Customer Service Representative.



**VD Supply
Register**
- single deflection
- adjustable vertical
blades
- opposed-blade
damper
- extruded aluminum

VD SUPPLY REGISTER								
6 x 6 (W)	059999		M			10		23.54
8 x 6 (W)	060002		M			10		25.26
12 x 6 (W)	060011		M			10		29.79
14 x 6 (W)	060017		M			10		33.48

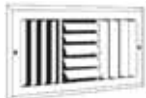
Note: For VD sizes not listed, check Page 45 or contact your Customer Service Representative.


**VHD
Supply Grille**

- double deflection
- adjustable vertical front blades
- opposed-blade damper
- extruded aluminum

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
VHD SUPPLY GRILLE								
6 x 6 (W)	058999		M			10		32.70
8 x 6 (W)	059002		M			10		34.42
10 x 6 (W)	059006		M			10		37.43
12 x 6 (W)	059011	E	M		H	10		40.52
12 x 8 (W)	059012		M			10		45.30
14 x 6 (W)	059017		M			10		45.09
14 x 8 (W)	059018		M			10		48.11
16 x 6 (W)	059024		M			10		48.07
18 x 6 (W)	059032		M			5		51.47
20 x 6 (W)	059041		M			5		54.64
20 x 8 (W)	059042		M			5		59.27
24 x 6 (W)	059062		M			5		63.88

Note: For VHD sizes not listed, check Page 46 or contact your Customer Service Representative.


**CM3
Ceiling Supply
Register**

- adjustable curved blades
- multi-shutter damper
- 3-way deflection
- extruded aluminum

CM3 CEILING SUPPLY REGISTER								
8 x 4 (W)	015162		M			10		26.68

Note: For CM3 sizes not listed, check Page 47 or contact your Customer Service Representative.


**CM4
Ceiling Supply
Register**

- adjustable curved blades
- multi-shutter damper
- 4-way deflection
- extruded aluminum

CM4 CEILING SUPPLY REGISTER								
6 x 6 (W)	063199		M			10		25.96
8 x 8 (W)	063203		M			10		32.44
10 x 10 (W)	063208		M			10		37.56
12 x 12 (W)	063214		M			10		45.75

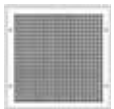
Note: For CM4 sizes not listed, check Page 47 or contact your Customer Service Representative.


**CD4
Ceiling Supply
Register**

- adjustable curved blades
- opposed-blade damper
- 4-way deflection
- extruded aluminum

CD4 CEILING SUPPLY REGISTER								
6 x 6 (W)	061999		M		H	10		27.79
8 x 8 (W)	062003		M			10		33.64
10 x 10 (W)	062008		M			5		41.43
12 x 12 (W)	062014		M			5		48.94
14 x 14 (W)	062021		M			5		57.69

Note: For CD4 sizes not listed, check Page 49 or contact your Customer Service Representative.


**RE5
Return Grille**

- 1/2" x 1/2" x 1/2" grid core
- 1/4" wide frame
- extruded aluminum

RE5 RETURN GRILLE								
6 x 6 (W)	065999	E	M	D	H	10		9.58
8 x 8 (W)	066003	E	M	D	H	10		12.17
10 x 10 (W)	066008	E	M	D	H	10		14.11
12 x 12 (W)	066014	E	M	D	H	10		17.30
14 x 14 (W)	066021	E	M	D	H	10		21.17

Note: For RE5 sizes not listed, check Page 50 or contact your Customer Service Representative.


**RHF45
Filter Grille**

- horizontal front fixed blades
- accepts 1" filter
- extruded aluminum

SIZE	PART #	DC				PCS/ CASE	PCS/ LAY- ER	PRICE EACH
		E	M	D	H			
RHF45 FILTER GRILLE								
10 x 10 (W)	067004	E	M		H	5		23.52
12 x 12 (W)	067010		M		H	5		28.61
14 x 14 (W)	067017		M		H	5		35.56
16 x 16 (W)	067025				H	5		43.85
18 x 18 (W)	067034				H	5		54.05
20 x 14 (W)	067041		M			5		46.48
20 x 20 (W)	067044		M		H	5		64.26
20 x 25 (W)	067295	E	M		H	5		71.39
24 x 12 (W)	067061		M		H	5		45.62
24 x 14 (W)	067062		M		H	5		53.06
24 x 18 (W)	067064				H	5		68.23
24 x 20 (W)	067065		M		H	5		75.70
24 x 24 (W)	067067		M		H	5		93.54
25 x 20 (W)	067070		M		H	5		71.39
30 x 14 (W)	067105		M			5		67.64
30 x 20 (W)	067108		M			5		93.29
40 x 20 (W)	067193		M			5		133.05

Note: For RHF45 sizes not listed, check Page 51 or contact your Customer Service Representative. Maximum size: 48 x 48



Return Grilles - Steel

**94 Horizontal
Blades - 0°**

**94A Horizontal
Blades - 35°**

- fixed blades
- white (W)

RETURN GRILLES - STEEL																		
	WIDTH																	
		6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	
HEIGHT	4	7.88	8.13	9.05	9.80	10.62	11.42	12.29	13.09	13.76	14.98	16.33	17.11	18.68	19.93	21.93	37.07	4
	5	8.32	8.56	9.46	10.15	11.42	12.29	12.73	13.37	14.24	15.83	17.11	18.02	19.95	21.27	23.22	23.96	5
	6	8.59	9.05	10.40	10.62	11.86	12.72	13.51	14.24	15.04	16.67	17.75	19.05	21.29	22.50	24.53	25.56	6
	8		9.80	11.17	11.86	12.72	13.96	14.57	15.42	16.67	18.34	19.51	21.66	23.50	25.19	28.10	28.98	8
	10			11.42	12.72	13.96	14.98	16.67	17.60	18.34	19.93	21.86	23.96	25.99	28.04	31.19	31.99	10
	12				13.96	14.98	16.67	18.00	19.05	20.74	21.86	23.96	26.52	28.45	30.92	35.25	35.47	12
	14					17.12	18.68	20.73	22.50	23.96	25.56	28.04	30.67	32.90	35.47	37.46	40.22	14
	16						20.55	23.17	25.19	27.27	29.29	31.63	34.57	37.06	39.75	40.81	45.13	16
	18							26.07	28.45	30.46	32.90	35.76	38.73	41.44	44.26	45.13	50.02	18
	20								31.63	34.15	36.57	39.44	42.72	45.54	48.07	48.42	54.75	20
	22									37.65	41.44	45.13	48.74	52.00	55.57	55.86	62.73	22
	24										44.69	49.11	53.64	57.68	62.04	63.32	70.98	24
	26											52.82	57.97	63.34	68.57	71.75	79.15	26
	28												62.42	68.57	74.67	74.76	87.16	28
	30													73.90	81.16	87.04	95.73	30
	32														87.64	94.69	105.12	32
34															104.54	114.45	34	
36																	124.16	36



Return Registers - Steel

**94HOV Horizontal
Blades - 0°**

**94AHOV Horizontal
Blades - 35°**

- fixed blades
- opposed-blade damper
- white (W)

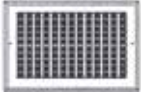
RETURN REGISTERS - STEEL																		
	WIDTH																	
		6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	
HEIGHT	4	13.37	13.74	15.04	16.43	17.76	19.21	20.55	21.87	23.16	25.42	26.64	28.71	31.58	33.53	35.73	37.58	4
	5	13.53	14.31	15.71	17.12	19.21	20.55	21.27	22.61	24.01	26.64	28.71	29.98	33.53	35.50	37.65	40.38	5
	6	14.05	15.04	16.43	17.74	19.93	24.83	22.50	23.90	25.42	28.00	30.07	32.18	35.50	37.59	40.99	43.00	6
	8		16.33	17.84	19.93	21.29	23.17	24.63	25.99	28.00	30.80	32.88	36.10	39.68	42.25	46.65	48.40	8
	10			19.21	21.29	23.17	25.42	28.00	29.27	30.90	33.53	36.98	40.38	43.77	47.15	52.63	54.00	10
	12				23.17	25.42	28.00	29.98	32.18	34.81	36.97	40.38	44.53	47.77	51.91	56.14	59.37	12
	14					28.70	31.58	34.81	37.59	40.38	43.00	47.15	51.31	55.25	55.95	67.46	67.61	14
	16						35.52	38.95	42.25	45.86	49.23	53.37	58.16	62.17	67.37	73.43	75.75	16
	18							43.61	47.77	51.31	55.25	60.14	64.97	69.65	74.41	81.21	83.98	18
	20								53.36	57.33	61.46	66.12	71.75	76.48	81.90	87.10	92.18	20
	22									63.52	69.65	75.75	81.90	87.37	88.55	91.09	105.78	22
	24										75.14	82.54	90.18	91.87	93.20	95.31	119.39	24
	26											88.85	97.70	106.48	113.57	114.97	133.10	26
	28												105.17	115.40	125.67	134.72	146.73	28
	30													124.16	136.50	156.69	161.14	30
	32														147.40	170.33	176.85	32
34															188.11	192.44	34	
36																	208.84	36

How to order: Model, Width x Height, Finish Example - 94HOV 30x14 W

Minimum size: 6 x 4

Maximum size: 36 x 36

Note: Steel registers/grilles larger than shown will be made in multiples with butt joints. To price, determine how many register/grilles of a smaller size are required. Multiply the price of the smaller register/grilles by the quantity needed, then multiply that number by 1.25.

Supply Grilles
- Steel**92HVO Horizontal
Front Blades****92VHO Vertical
Front Blades**

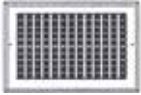
- double deflection
- adjustable blades
- white (W)

SUPPLY GRILLES - STEEL																	
HEIGHT	WIDTH																
	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	
4	11.11	11.64	12.80	13.96	15.10	16.41	17.53	18.64	19.76	21.67	22.74	24.45	26.93	28.47	30.23	32.10	4
5	11.66	12.19	13.43	14.59	16.41	17.53	18.09	19.22	20.53	22.74	24.45	25.56	28.48	30.23	32.00	34.43	5
6	12.22	12.80	13.96	15.10	16.95	18.10	19.13	20.36	21.67	23.92	25.60	27.41	30.22	32.10	34.07	36.65	6
8		13.90	25.83	16.94	18.10	19.80	21.04	22.16	23.92	26.26	28.02	30.83	33.80	36.03	38.22	41.33	8
10			16.41	18.10	19.80	21.67	23.92	25.07	26.34	28.48	31.48	34.42	37.21	38.65	40.96	46.09	10
12				19.80	21.67	23.92	25.54	27.41	29.67	31.48	34.42	37.91	40.77	44.22	46.89	50.64	12
14					24.45	26.93	29.67	32.12	34.42	36.65	40.19	43.73	47.20	47.65	50.52	57.65	14
16						30.22	33.31	36.03	39.07	41.87	45.39	49.59	52.93	57.39	60.83	64.54	16
18							37.15	40.77	43.72	47.20	51.27	55.44	59.27	63.42	67.20	71.64	18
20								45.39	48.87	52.47	56.35	61.10	65.14	69.80	73.98	78.61	20
22									54.15	59.27	64.54	69.80	20.53	79.56	84.42	90.10	22
24										64.07	70.41	76.79	82.53	89.00	94.33	101.77	24
26											75.63	83.23	90.72	98.28	104.19	113.31	26
28												89.62	98.29	107.01	113.43	124.98	28
30													105.80	116.32	123.28	137.18	30
32														125.60	133.13	150.63	32
34															155.59	163.91	34
36																177.81	36

How to order: Model, Width x Height, Finish Example - 92VHO 10x6 W

Minimum size: 6 x 4

Maximum size: 48 x 48

Supply Registers
- Steel**92HVV Horizontal
Front Blades****92VHV Vertical Front
Blades**

- double deflection
- adjustable blades
- opposed-blade damper
- white (W)

SUPPLY REGISTERS - STEEL																	
HEIGHT	WIDTH																
	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	
4	17.53	18.44	20.21	22.08	23.92	25.69	27.65	29.52	31.22	34.07	35.90	38.71	42.32	45.06	48.32	50.66	4
5	18.56	19.36	21.23	22.98	25.75	27.65	28.41	30.35	32.32	35.91	38.64	40.48	45.17	47.94	51.15	54.31	5
6	19.38	20.36	22.08	23.92	26.66	28.36	30.35	32.18	34.07	37.75	40.48	43.22	47.87	50.66	55.18	57.90	6
8		22.08	23.92	26.70	28.40	31.22	33.27	35.01	37.72	41.39	44.22	48.80	53.35	57.14	65.11	65.37	8
10		22.08	25.69	28.40	31.22	34.07	37.72	39.62	41.57	45.06	49.65	53.64	58.86	63.42	70.48	72.58	10
12				31.22	34.07	37.72	40.47	43.22	46.86	49.65	54.23	59.89	64.43	69.90	78.11	80.02	12
14					38.70	42.32	46.86	50.66	54.31	57.90	63.42	69.13	74.47	80.03	90.00	91.07	14
16						47.93	52.47	57.14	61.62	66.36	71.74	78.20	83.72	90.10	100.66	101.90	16
18							58.85	64.42	69.12	74.42	81.25	87.53	93.75	100.10	112.84	113.15	18
20								71.74	77.22	82.72	89.13	96.54	102.95	100.34	122.38	124.13	20
22									85.54	93.75	102.10	110.34	117.71	125.96	141.50	142.47	22
24										101.15	111.30	121.33	130.49	140.60	159.54	160.84	24
26											119.52	131.45	143.32	155.30	172.71	179.27	26
28												141.53	155.30	169.02	188.30	197.60	28
30													167.30	183.78	216.28	217.00	30
32														198.63	234.37	238.02	32
34															253.54	259.20	34
36																281.25	36

How to order: Model, Width x Height, Finish Example - 92VHV 24x10 W

Minimum size: 6 x 4

Maximum size: 48 x 48

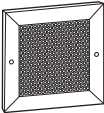
Note: Steel registers/grilles larger than maximum size will be made in multiples with butt joints. To price, determine how many registers/grilles of a smaller size are required. Multiply the price of the smaller register/grille by the quantity needed, then multiply that number by 1.25



Industrial Ventilation
98VOHP Pulley
98VOH Pulley
Assembly
 Steel
 - single deflection
 - vertical adjustable front
 blades
 - gang-operated rear
 horizontal blades
 - white (W)

INDUSTRIAL VENTILATION - STEEL																
	WIDTH															
		10	12	14	16	18	20	22	24	26	28	30	32	34	36	
HEIGHT	6	39.46	42.80	47.55	50.67	54.24	57.55	60.75	67.34	72.14	77.14	85.35	90.42	98.54	103.39	6
	8	42.79	47.63	50.73	55.78	59.19	62.46	67.29	73.80	78.97	87.07	95.24	101.96	111.11	116.63	8
	10	45.92	50.73	55.78	70.61	67.29	70.61	74.05	80.33	88.55	95.80	104.96	113.24	123.39	129.65	10
	12		55.78	60.76	67.29	72.13	77.14	83.61	106.94	96.77	106.94	114.91	124.82	136.12	142.74	12
	14			69.17	75.50	83.62	90.42	96.96	103.39	113.24	123.38	132.99	142.73	155.68	162.57	14
	16				85.48	93.51	101.96	110.03	118.34	128.04	139.66	149.47	160.82	175.29	182.01	16
	18					104.95	114.91	123.38	132.84	144.93	156.16	167.42	178.76	194.81	201.88	18
	20						128.04	137.83	147.68	159.06	172.36	183.69	197.02	214.65	221.54	20
	22							152.64	167.42	182.24	197.02	210.13	224.85	244.99	254.39	22
	24								180.45	198.59	216.54	232.96	251.08	273.68	287.29	24
	26									213.31	234.73	255.85	277.28	302.22	320.03	26
	28										252.68	277.28	301.76	329.00	352.79	28
	30											298.58	328.13	357.69	387.36	30
	32												354.56	386.53	424.85	32
	34													420.39	462.67	34
	36														502.20	36

REGISTERS, GRILLES & DIFFUSERS



PFG Perforated Face Grilles
- perforated diffuser face with frame
- steel
- white (W)

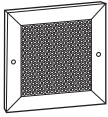
PFG PERFORATED FACE GRILLES																								
HEIGHT	WIDTH																							
		6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	
	4	5.87	7.18	7.18	9.14	9.14	10.43	10.43	11.76	11.76	13.05	13.05	15.02	16.31	16.31	17.61	19.58	20.87	22.19	23.49	25.44	26.74	28.07	4
	5	5.87	7.18	9.14	9.14	10.43	10.43	10.43	11.76	11.76	13.05	15.02	15.02	16.31	17.61	19.58	19.58	22.19	23.49	25.44	26.74	28.07	29.36	5
	6	5.87	7.18	9.14	9.14	10.43	10.43	11.76	11.76	13.05	15.02	16.31	16.31	17.61	19.58	19.58	20.87	23.49	25.44	26.74	28.07	29.36	31.33	6
	8	7.18	9.14	9.14	10.43	10.43	11.76	11.76	13.05	15.02	15.02	16.31	17.61	19.58	20.87	22.19	23.49	25.44	26.74	28.07	29.36	31.33	32.63	8
	10	9.14	9.14	10.43	10.43	11.76	13.05	15.02	15.03	15.03	16.31	17.61	19.58	22.19	23.49	25.44	26.74	28.07	29.36	31.33	32.63	33.92	35.23	10
	12	9.14	10.43	10.43	11.76	13.05	15.02	15.02	16.31	17.61	17.61	19.58	22.19	23.49	25.44	28.07	29.36	31.33	33.92	35.23	37.19	38.50	39.79	12
	14	10.43	10.43	11.76	13.05	15.03	16.31	17.61	18.93	19.58	20.87	23.49	25.44	26.74	29.36	31.33	31.98	33.92	37.19	38.50	39.79	41.76	43.05	14
	16	10.43	11.76	13.05	15.02	16.31	17.61	19.58	20.87	22.19	23.49	26.74	28.07	29.36	32.63	33.92	37.19	38.50	41.76	43.05	44.38	45.68	47.65	16
	18	11.76	11.76	15.02	15.02	17.61	19.58	22.19	23.49	25.44	26.74	29.36	31.33	33.92	35.23	38.50	41.11	43.05	44.38	45.68	47.65	48.94	50.24	18
	20	11.76	13.05	15.02	16.31	18.93	20.87	23.49	26.74	28.07	29.36	32.63	35.23	37.19	39.79	41.76	44.38	44.38	47.65	48.94	50.24	48.94	56.12	20
	22	13.05	15.02	15.03	17.61	19.58	22.19	25.44	28.07	31.33	33.92	37.19	39.79	43.05	45.68	48.94	50.24	51.55	54.81	56.12	57.43	59.38	61.99	22
	24	15.02	15.02	16.31	17.61	20.87	23.49	26.74	29.36	33.92	37.19	39.79	43.05	47.65	50.24	53.50	57.43	59.38	61.99	63.96	65.25	66.55	71.12	24
	26	16.31	16.31	17.61	19.58	23.49	26.74	29.36	32.63	37.19	39.79	43.05	50.24	51.55	56.12	59.38	63.96	63.96	66.55	67.86	69.81	71.12	78.30	26
	28	16.31	17.61	19.58	22.19	25.44	28.07	31.33	35.23	39.79	43.05	48.61	50.24	56.12	60.70	65.25	71.12	72.42	75.68	77.01	78.30	79.59	86.13	28
	30	17.61	19.58	22.19	23.49	26.74	29.36	33.92	37.19	43.05	47.65	51.55	56.12	59.38	65.25	71.12	77.01	78.30	82.86	84.17	86.13	87.44	94.62	30
	32	19.58	20.87	23.49	25.44	29.36	32.63	35.23	39.79	45.68	50.24	56.12	60.70	65.25	71.12	77.01	84.17	86.13	90.05	91.99	93.32	94.62	100.49	32
	34	19.58	22.19	25.44	28.07	31.33	33.92	38.50	41.76	48.94	53.50	59.38	65.25	71.12	77.01	84.17	91.99	93.32	97.88	99.18	100.49	101.78	106.37	34
	36	20.87	23.49	26.74	29.36	31.98	37.19	41.11	44.38	50.24	57.43	63.96	71.12	77.01	84.17	91.99	99.18	100.49	106.37	110.93	112.23	114.20	115.48	36
	38	23.49	25.44	28.07	31.33	33.92	38.50	43.05	44.38	51.55	59.38	63.96	72.42	78.30	86.13	93.32	100.49	107.66	115.48	127.24	128.54	130.49	131.80	38
	40	25.44	26.74	29.36	33.92	37.19	41.76	44.38	47.65	54.81	61.99	66.55	75.68	82.86	90.05	97.88	106.37	115.48	125.94	133.11	134.41	137.67	138.98	40
	42	26.74	28.07	31.33	35.23	38.50	43.05	45.68	48.94	56.12	63.96	67.86	77.01	84.17	91.99	99.18	110.93	127.24	133.11	140.29	142.25	144.85	146.16	42
	44	28.07	29.36	32.63	37.19	39.79	44.38	47.65	50.24	57.43	65.25	69.81	78.30	86.13	93.32	100.49	112.23	128.54	134.41	142.25	146.16	149.43	150.72	44
	46	29.36	31.33	33.92	38.50	41.76	45.68	48.94	51.55	59.38	66.55	71.12	79.59	87.44	94.62	101.78	114.20	130.91	137.67	144.85	149.43	153.99	155.30	46
	48	31.33	32.63	35.23	39.79	43.05	47.65	50.24	56.12	61.99	71.12	78.30	86.13	94.62	100.49	106.37	115.48	131.80	138.98	146.16	150.72	155.30	162.48	48

Available with or without Screwholes in frame.
How to order: Model, Width x Height, Finish Example - 98VOH 12x8 WMinimum size: 6 x 4
Example with screw holes: PFG 10 x 10 W
Example without screwholes: PFGT 10 x 10 W

T-Bar Panel Sizes (Pricing Page 59)

Model, Width x Height, P (for T-Bar panel), Width x Height (T-Bar dimensions), Finish
Example - PFG 12 x 08 P 24x24 W

PANEL SIZE	LARGEST GRILLE SIZE
12 x 12	08 x 08
24 x 12	20 x 08
36 x 12	32 x 08
48 x 12	44 x 08
24 x 24	20 x 20
36 x 24	32 x 20
48 x 24	44 x 20
48 x 48	44 x 44



**PFGOBD Perforated Face Grilles
with Opposed Blade Damper**

- perforated diffuser face with frame
- opposed-blade damper (OBD) is screwdriver-operated
- steel
- white (W)

PFGOBD PERFORATED FACE GRILLES

		WIDTH																							
HEIGHT		6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48		
	4	9.11	11.12	11.12	14.16	14.16	16.19	16.19	18.22	18.22	20.23	20.23	23.27	23.27	25.28	25.28	27.29	30.34	32.35	34.39	36.40	39.45	41.46	43.50	4
	5	9.11	11.12	14.16	14.16	16.19	16.19	16.19	18.22	18.22	20.23	23.27	23.27	25.28	27.29	30.34	30.34	34.39	36.40	39.45	41.46	43.50	45.51	5	
	6	9.11	11.12	14.16	14.16	16.19	16.19	18.22	18.22	20.23	23.27	25.28	25.28	27.29	30.34	30.34	32.35	36.40	39.45	41.46	43.50	45.51	48.56	6	
	8	11.12	14.16	14.16	16.19	16.19	18.22	18.22	20.23	23.27	23.27	25.28	27.29	30.34	32.35	34.39	36.40	39.45	41.46	43.50	45.51	48.56	50.57	8	
	10	14.16	14.16	16.19	16.19	18.22	20.23	23.27	23.27	23.27	25.28	27.29	30.34	34.39	36.40	39.45	41.46	43.50	45.51	48.56	50.57	52.59	54.62	10	
	12	14.16	16.19	16.19	18.22	20.23	23.27	23.27	25.28	27.29	27.29	30.34	34.39	36.40	39.45	43.50	45.51	48.56	52.59	54.62	57.63	59.68	61.70	12	
	14	16.19	16.19	18.22	20.23	23.27	25.28	27.29	29.34	30.34	32.35	36.40	39.45	41.46	45.51	48.56	49.57	52.59	57.63	59.68	61.70	64.74	66.74	14	
	16	16.19	18.22	20.23	23.27	25.28	27.29	30.34	32.35	34.39	36.40	41.46	43.50	45.51	50.57	52.59	57.63	59.68	64.74	66.74	68.78	70.80	73.84	16	
	18	18.22	18.22	23.27	23.27	27.29	30.34	34.39	36.40	39.45	41.46	45.51	48.56	52.59	54.62	59.68	63.72	66.74	68.78	70.80	73.84	75.85	77.86	18	
	20	18.22	20.23	23.27	25.28	29.34	32.35	36.40	41.46	43.50	45.51	50.57	54.62	57.63	61.70	64.74	68.78	68.78	73.84	75.85	77.86	79.90	86.97	20	
	22	20.23	23.27	23.27	27.29	30.34	34.39	39.45	43.50	48.56	52.59	57.63	61.70	66.74	70.80	75.85	77.86	79.90	84.96	86.97	89.01	92.04	96.08	22	
	24	23.27	23.27	25.28	27.29	32.35	36.40	41.46	45.51	52.59	57.63	61.70	61.70	73.84	77.86	82.93	89.01	92.04	96.08	99.12	101.13	103.14	110.24	24	
	26	25.28	25.28	27.29	30.34	36.40	41.46	45.51	50.57	57.63	61.70	66.74	63.72	79.90	86.97	92.04	99.12	99.12	103.14	105.19	108.20	110.24	121.36	26	
	28	25.28	27.29	30.34	34.39	39.45	43.50	48.56	54.62	61.70	66.74	75.34	77.86	86.97	94.07	101.13	110.24	112.25	117.31	119.35	121.36	123.37	133.49	28	
	30	27.29	30.34	34.39	36.40	41.46	45.51	52.59	57.63	66.74	73.84	79.90	86.97	92.04	101.13	110.24	119.35	121.36	128.44	130.47	133.49	135.53	146.64	30	
	32	30.34	32.35	36.40	39.45	45.51	50.57	54.62	61.70	70.80	77.86	86.97	94.07	101.13	110.24	119.35	130.47	133.49	139.58	142.59	144.65	146.64	155.75	32	
	34	30.34	34.39	39.45	43.50	48.56	52.59	59.68	64.74	75.85	82.93	92.04	101.13	110.24	119.35	130.47	142.59	144.65	151.71	153.71	155.75	157.76	164.86	34	
	36	32.35	36.40	41.46	45.51	49.57	57.63	63.72	68.78	77.86	89.01	99.12	110.24	119.35	130.47	142.59	153.71	155.75	164.86	171.94	173.94	176.98	179.00	36	
	38	36.40	39.45	43.50	48.56	52.59	59.68	66.74	68.78	79.90	92.04	99.12	112.25	121.36	133.49	144.65	155.75	166.87	179.00	197.21	199.23	202.28	204.28	38	
	40	39.45	41.46	45.51	52.59	57.63	64.74	68.78	73.84	84.96	96.08	103.14	117.31	128.44	139.58	151.71	164.86	179.00	195.21	206.32	208.34	213.39	215.43	40	
	42	41.46	43.50	48.56	54.62	59.68	66.74	70.80	75.85	86.97	99.12	105.19	119.35	130.47	142.59	153.71	171.94	197.21	206.32	217.45	220.50	224.51	226.55	42	
	44	43.50	45.51	50.57	57.63	61.70	68.78	73.84	77.86	89.01	101.13	108.20	121.36	133.49	144.65	155.75	173.94	199.23	208.34	220.50	226.55	231.62	233.61	44	
	46	45.51	48.56	52.59	59.68	64.74	70.80	75.85	79.90	92.04	103.14	110.24	123.37	135.53	146.64	157.76	176.98	202.91	213.39	224.51	231.62	238.68	240.72	46	
48	48.56	50.57	54.62	61.70	66.74	73.84	77.86	86.97	96.08	110.24	121.36	133.49	146.64	155.75	164.86	179.00	204.28	215.43	226.55	233.61	240.72	251.83	48		

Available with or without Screwholes in frame.

How to order: Model, Width x Height, Finish Example - 98VOH 12x8 W Minimum size: 6 x 4

Example with screw holes: PFG OBD 10 x 10 W

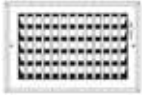
Example without screwholes: PFGT OBD 10 x 10 W

T-Bar Panel Sizes (Pricing Page 59)

Model, Width x Height, P (for T-Bar panel), Width x Height (T-Bar dimensions), Finish

Example - PFG OBD 12 x 08 P 24 x 24 W

PANEL SIZE	LARGEST GRILLE SIZE
12 x 12	08 x 08
24 x 12	20 x 08
36 x 12	32 x 08
48 x 12	44 x 08
24 x 24	20 x 20
36 x 24	32 x 20
48 x 24	44 x 20
48 x 48	44 x 44

Supply Registers -
Extruded Aluminum

HM Horizontal Blades

VM Vertical Blades

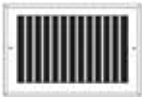
- single deflection
- adjustable blades
- multi-shutter damper
- white (W) or satin anodized (SA)

SUPPLY REGISTERS - EXTRUDED ALUMINUM																		
	WIDTH																	
	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36		
HEIGHT	4	19.15	19.77	21.49	23.59	25.67	27.79	29.78	31.31	33.33	36.60	38.44	41.33	45.46	48.36	52.60	54.28	4
	5	19.84	21.08	22.73	24.70	27.79	29.78	30.58	32.58	34.61	38.42	41.36	43.19	48.35	51.17	55.51	58.23	5
	6	20.36	21.49	23.59	25.67	28.61	30.61	32.54	34.55	36.57	40.41	43.23	46.35	51.17	54.30	59.44	61.78	6
	8			25.79	28.61	30.61	33.33	35.62	37.43	40.41	44.34	47.20	52.05	57.05	61.05	67.99	69.89	8
	10			27.79	30.61	33.33	36.60	40.41	42.40	44.40	48.36	53.31	58.23	62.99	67.87	76.94	77.71	10
	12				33.33	36.60	40.41	43.16	46.35	50.02	53.29	58.26	64.07	68.85	74.71	80.95	85.44	12
	14					41.33	45.44	50.02	54.30	58.26	62.12	67.91	74.11	79.74	80.44	86.50	97.39	14
	16						51.17	56.24	61.03	65.99	70.82	76.97	83.76	89.55	97.06	106.20	109.00	16
	18							62.74	68.85	74.11	79.74	86.73	93.56	100.29	107.24	109.74	121.08	18
	20								76.93	82.61	88.45	95.39	103.24	110.16	117.98	119.45	130.90	20
	22									91.51	100.30	109.00	117.97	126.09	134.50	137.31	152.34	22
	24										108.20	119.09	129.52	139.33	150.48	153.77	172.11	24
	26											127.73	140.74	153.34	166.13	170.00	191.75	26
	28												151.59	166.13	180.87	194.83	211.39	28
	30													178.67	196.62	204.27	231.95	30
	32														212.17	222.09	254.63	32
	34															241.50	280.45	34
	36																300.57	36

How to order: Model, Width x Height, Finish Example - VM 18x12 WMinimum size: 10 x 6

Minimum size: 6 x 4

Maximum size: 36 x 36

Supply Grilles -
Extruded Aluminum,

HX Horizontal Blades

VX Vertical Blades

- single deflection
- adjustable blades
- no damper
- white (W) or satin anodized (SA)

Return Grilles -
Extruded Aluminum

RH90 Horizontal Blades - 0°

RH45 Horizontal Blades - 45°

RCB Horizontal Curved Blades

- fixed blades
- white (W) or satin anodized (SA)

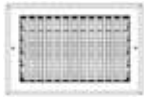
SUPPLY GRILLES - EXTRUDED ALUMINUM, RETURN GRILLES - EXTRUDED ALUMINUM																				
	WIDTH																			
	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42
HEIGHT	4	12.39	12.50	13.02	14.36	15.66	16.98	18.26	19.57	20.97	22.05	23.97	26.07	27.36	29.82	31.83	33.18	35.89	43.21	44.64
	5	12.39	13.35	13.77	15.10	16.31	18.27	19.54	20.25	21.37	22.82	25.37	27.37	28.77	31.83	33.94	34.81	38.23	45.26	46.46
	6	12.38	13.76	14.36	15.66	16.98	18.95	20.26	21.61	22.83	24.04	26.72	28.46	30.41	33.97	35.92	37.66	41.04	48.66	49.88
	8	13.04	14.40	15.79	16.83	18.95	20.26	22.32	23.35	24.61	26.75	29.24	31.26	34.62	37.58	40.33	42.02	46.20	53.67	54.95
	10				18.24	20.26	22.32	23.98	26.75	28.04	29.24	31.83	34.92	38.23	41.55	44.86	46.99	51.29	62.04	63.40
	12					22.32	23.97	26.72	28.76	30.41	33.11	34.92	38.26	42.45	45.53	49.30	52.15	56.50	68.12	69.73
	14						27.36	29.85	33.16	35.89	38.23	41.04	44.83	48.94	52.64	56.52	58.97	64.30	79.22	82.00
	16							32.80	36.98	40.32	43.54	46.88	50.56	55.37	59.14	63.50	66.08	72.11	87.21	90.77
	18								41.75	45.53	48.66	52.61	57.10	61.95	66.27	70.78	73.46	79.92	94.82	99.69
	20									50.54	54.46	58.42	62.99	68.16	72.87	77.91	80.50	87.57	102.56	108.51
	22										60.31	66.29	72.11	77.89	83.07	88.92	92.68	100.36	115.57	122.17
	24											71.44	78.50	85.74	92.21	99.19	103.70	113.55	128.51	135.09
	26												84.48	92.73	101.25	109.64	115.49	126.46	141.49	148.54
	28													99.82	109.64	119.35	127.37	139.37	154.36	161.98
	30														118.09	129.79	138.18	153.06	168.06	175.88
	32															140.18	150.39	167.99	182.95	190.96
	34																162.38	182.95	197.99	206.02
	36																	198.55	213.46	221.62
	38																		238.76	249.02
	40																			260.77
	42																			281.23
	44																			305.54
	46																			331.86
	48																			355.80

How to order: Model, Width x Height, Finish Example - RH45 20 x 8 SMinimum size: 6 x 4

Maximum size: 4 x 4

Maximum size for 1-piece construction: 48 x 48

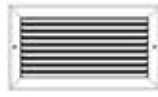
Note: To price aluminum registers/grilles larger than shown, determine how many registers/grilles of a smaller size are required. Multiply the price of the smaller register/grille by the quantity needed. Then, multiply that number by 1.25. Registers/grilles ordered larger than the maximum size will be supplied in multiple pieces with full margins around each piece.



Supply Registers -
Extruded Aluminum,
HD Horizontal Blades

VD Vertical Blades

- single deflection
- adjustable blades
- opposed-blade damper
- white (W) or satin anodized



Return Registers -
Extruded Aluminum

RHD90 Horizontal Blades - 0°

RHD45 Horizontal Blades - 45°

RCBD Horizontal Curved Blades

- fixed blades
- opposed-blade damper
- white (W) or satin anodized (SA)

SUPPLY REGISTERS - EXTRUDED ALUMINUM, RETURN REGISTERS - EXTRUDED ALUMINUM																								
		WIDTH																						
HEIGHT		6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	
	4	19.45	22.15	25.26	27.55	29.79	32.19	34.41	36.73	37.34	42.64	43.04	48.11	50.98	54.08	57.57	63.23	71.26	73.55	75.66	77.70	81.24	88.28	4
	5	20.98	23.11	26.33	27.53	30.95	34.41	34.25	37.91	38.83	44.76	46.29	48.41	54.08	57.25	60.56	65.12	74.52	76.92	79.15	84.77	85.68	89.96	5
	6	23.57	24.29	27.55	29.79	33.48	35.62	37.74	40.15	42.64	47.07	50.45	54.00	59.52	63.23	68.94	72.10	79.49	85.08	84.13	90.02	90.66	98.78	6
	8		26.31	29.95	33.48	35.62	38.81	41.44	43.54	47.05	51.76	55.26	60.56	66.63	68.20	74.12	81.44	87.84	89.96	96.90	100.18	100.85	109.47	8
	10			32.19	35.62	38.79	42.64	47.06	49.17	51.76	56.24	59.56	65.12	73.48	76.14	81.69	90.56	73.48	106.23	108.80	107.10	115.74	120.38	10
	12				38.79	42.64	47.06	50.35	54.01	56.17	61.94	65.12	71.85	80.19	87.15	87.79	99.60	109.58	117.49	117.33	121.61	130.09	133.46	12
	14					48.08	53.02	58.42	63.23	67.72	72.10	76.14	82.80	92.78	90.34	102.06	113.56	122.81	127.99	133.36	138.73	144.00	149.29	14
	16						59.52	62.95	68.22	74.09	82.57	86.11	93.78	100.28	108.72	112.36	122.23	135.98	148.71	149.81	156.83	163.67	170.77	16
	18							73.17	80.19	82.80	92.78	97.04	104.93	116.94	119.74	130.46	140.91	149.30	164.15	166.42	174.88	183.43	191.99	18
	20								89.54	92.59	103.08	106.78	120.37	128.34	132.21	139.72	148.80	162.44	172.68	182.67	193.01	203.35	213.69	20
	22									106.79	112.46	122.23	132.20	140.98	150.97	163.76	170.76	184.15	196.08	207.39	218.79	230.06	241.69	22
	24										126.11	133.36	145.47	156.47	168.61	183.65	200.58	206.68	217.51	221.54	239.22	250.02	270.75	24
	26											143.32	157.59	178.81	186.24	202.53	214.93	228.56	240.29	244.75	263.31	274.88	286.43	26
	28												169.75	186.24	202.76	224.61	236.94	250.55	263.09	280.88	287.52	299.73	312.04	28
	30													208.46	220.34	243.96	259.99	273.68	286.08	298.60	310.72	323.24	335.70	30
	32														236.85	248.52	273.09	286.17	298.06	310.05	322.00	334.14	346.15	32
	34															282.88	297.24	310.39	322.41	334.42	346.49	358.54	370.72	34
	36																335.44	335.66	347.54	359.40	371.31	383.29	395.33	36
	38																	352.80	369.18	382.36	395.64	409.35	423.28	38
	40																		387.64	401.70	415.78	429.82	443.77	40
	42																			418.88	436.38	453.29	470.44	42
	44																				456.70	476.93	497.20	44
	46																					496.43	515.58	46
48																						534.08	48	

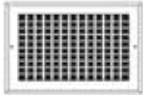
How to order: Model, Width x Height, Finish Example - RHD45 30x14 W

Maximum size: 6 x 4

Maximum size for 1-piece construction: 48 x 48

Fusible link option is available. Add \$30 to list price.

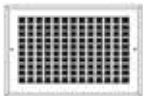
Note: To price aluminum registers/grilles larger than shown, determine how many registers/grilles of a smaller size are required. Multiply the price of the smaller register/grille by the quantity needed. Then, multiply that number by 1.25. Registers/grilles ordered larger than the maximum size will be supplied in multiple pieces with full margins around each piece.



Supply Grilles - Extruded Aluminum,
HV Horizontal Front Blades
VH Vertical Front Blades
 - double deflection
 - adjustable blades
 - white (W) or satin anodized (SA)

SUPPLY GRILLES - EXTRUDED ALUMINUM

		WIDTH																					
HEIGHT		6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48
	4	18.47	19.77	21.61	23.61	25.62	27.79	29.64	31.54	33.48	36.63	38.50	41.33	45.53	48.35	52.71	54.39	63.70	65.54	67.47	69.41	72.57	75.69
	5	19.69	20.68	22.73	24.67	27.78	29.62	30.44	32.54	34.72	38.50	41.32	43.24	48.35	51.29	55.27	58.26	66.58	68.59	70.63	72.86	76.57	80.42
	6	20.68	21.61	23.61	25.62	28.61	30.44	32.49	34.41	36.63	40.40	43.41	46.35	51.27	54.39	59.07	61.95	71.04	73.00	75.10	77.18	81.09	84.81
	8		23.53	25.79	28.61	30.44	33.48	35.62	37.53	40.44	44.34	47.40	52.10	57.18	61.05	66.19	69.90	78.61	80.42	83.17	86.12	90.13	94.03
	10			27.78	30.44	33.48	36.63	40.40	42.36	44.56	48.35	53.21	58.26	62.99	65.46	66.27	77.89	89.41	91.30	93.50	95.80	99.36	103.37
	12				33.48	36.63	40.40	43.23	46.35	50.22	53.21	58.26	64.17	68.99	74.85	81.74	85.65	97.80	100.92	104.90	108.56	111.69	114.65
	14					41.32	45.53	50.21	54.39	58.23	61.95	67.98	74.01	79.76	80.63	83.30	97.54	109.70	114.32	119.17	123.75	128.69	133.37
	16						51.27	56.30	61.05	66.07	70.93	76.93	83.84	89.60	97.18	103.45	109.19	121.43	127.64	133.84	140.09	146.20	152.43
	18							62.86	68.99	74.01	79.76	86.80	93.78	100.35	107.32	116.86	121.16	133.37	140.94	148.60	156.28	163.82	178.00
	20								76.93	82.66	88.70	95.36	103.40	110.21	118.07	127.42	132.92	145.09	154.19	163.16	172.46	181.60	114.65
	22									91.71	100.35	109.19	118.07	126.12	134.77	140.86	152.42	164.89	175.05	185.28	195.43	205.55	215.69
	24										108.39	119.17	129.93	139.73	150.61	165.55	172.13	184.64	194.30	201.72	213.66	223.30	232.38
	26											128.00	140.84	153.53	166.41	180.55	303.50	204.21	214.61	224.79	235.28	245.57	255.83
	28												151.64	166.42	181.10	199.85	211.59	223.79	234.89	245.77	256.81	267.73	278.72
	30													179.00	196.78	212.25	232.23	244.35	255.51	266.60	277.60	288.76	299.82
	32														212.53	234.06	254.90	267.10	278.13	289.30	300.57	311.79	323.14
	34															249.43	277.34	289.58	300.94	312.11	323.48	334.70	346.04
	36																300.98	313.31	324.25	335.42	346.63	357.78	368.94
	38																	329.30	344.64	356.85	369.34	382.08	395.15
	40																		361.78	375.05	387.93	401.11	414.15
	42																			390.99	407.23	423.15	439.09
	44																				426.36	445.16	463.88
	46																					465.12	481.17
	48																						498.36



Supply Grilles - Extruded Aluminum,
HVD Horizontal Front Blades
VHD Vertical Front Blades
 - double deflection
 - opposed-blade damper
 - adjustable blades
 - white (W) or satin anodized (SA)

SUPPLY GRILLES - EXTRUDED ALUMINUM

		WIDTH																					
HEIGHT		6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48
	4	26.38	31.26	34.28	37.43	40.52	43.48	46.81	49.95	52.89	57.56	60.56	65.54	71.56	76.21	81.48	85.71	99.70	102.92	105.96	108.75	113.41	118.20
	5	27.02	32.69	35.86	38.99	43.53	46.81	48.08	51.45	54.71	60.56	65.33	68.47	76.38	81.10	84.96	91.88	103.41	106.84	110.02	113.32	119.23	125.14
	6	32.70	34.43	37.43	40.52	45.09	48.07	51.47	54.64	57.55	63.88	68.45	73.13	80.92	85.73	91.62	98.06	110.57	113.62	116.64	119.73	126.12	132.38
	8		37.43	40.48	45.30	48.11	52.89	56.24	59.27	63.87	70.09	74.84	82.61	90.28	96.67	106.20	110.58	121.41	124.44	128.97	133.63	139.92	146.20
	10			43.48	48.11	52.89	57.56	63.86	66.97	70.28	76.21	84.00	90.77	99.59	107.34	114.03	123.00	138.45	141.82	144.86	148.22	154.22	160.13
	12				52.89	57.56	63.84	68.46	73.13	79.22	84.00	91.73	101.42	109.00	118.46	126.11	135.37	150.87	155.72	161.82	167.86	172.51	177.38
	14					65.55	71.56	79.22	85.74	91.88	98.06	107.34	117.05	126.13	135.37	146.39	154.19	175.88	182.32	188.60	194.63	200.90	207.03
	16						81.08	88.70	96.67	104.29	112.22	121.43	132.38	141.82	152.42	164.86	172.51	194.32	202.82	211.25	219.69	228.23	236.80
	18							99.59	109.01	117.05	126.03	137.46	148.07	158.69	169.51	181.09	191.45	213.15	223.55	234.06	244.66	255.01	265.77
	20								121.41	130.73	140.06	150.89	163.34	174.20	186.72	200.11	210.05	231.72	244.33	257.08	269.97	282.68	295.55
	22									144.80	158.71	172.84	186.72	213.15	213.16	224.33	241.22	262.95	277.15	291.52	305.67	320.11	334.58
	24										171.14	188.29	205.30	220.87	237.95	244.21	272.26	294.02	307.44	320.74	334.12	347.50	360.88
	26											202.25	222.52	242.56	262.95	286.60	303.49	325.17	339.36	353.71	367.94	382.31	396.91
	28												239.56	262.95	286.19	311.16	334.58	356.30	371.50	386.50	401.88	416.98	432.41
	30													283.07	311.17	339.71	367.19	388.91	404.12	419.30	434.45	449.76	465.23
	32														336.22	366.35	402.78	424.46	439.71	454.95	470.36	485.71	501.07
	34															408.71	438.63	460.40	475.55	490.79	506.00	513.50	536.56
	36																476.12	497.88	512.64	527.42	542.57	557.51	572.56
	38																	531.32	544.66	558.06	571.54	585.19	598.80
	40																		572.83	586.18	599.76	613.35	626.87
	42																			617.54	629.97	643.13	657.12
	44																				662.22	675.82	689.33
	46																					709.93	723.57
	48																						759.16

Note: To price aluminum registers/grilles larger than shown, determine how many registers/grilles of a smaller size are required. Multiply the price of the smaller register/grille by the quantity needed. Then, multiply that number by 1.25. Registers/grilles ordered larger than the maximum size will be supplied in multiple pieces with full margins around each piece. Fusible link option is available - add \$30 to the list price.



Ceiling Supply Registers - Extruded Aluminum

CHM1 Horizontal Blades, 1-way

CHM2 Horizontal Blades, 2-way

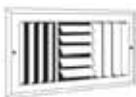
- adjustable curved blades
- multi-shutter damper
- white (W) or satin anodized (SA)

CEILING SUPPLY REGISTERS - EXTRUDED ALUMINUM																		
HEIGHT	WIDTH																	
	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36		
6	19.69	20.23	21.91	23.90	25.90	28.34	35.90	35.99	37.05	41.90	44.05	44.04	53.04	54.95	58.86	63.00	6	
8		26.10	28.34	31.54	33.76	37.01	39.23	39.99	41.05	45.85	48.14	53.18	58.88	62.16	65.02	70.86	8	
10			30.38	33.76	37.01	40.33	41.05	42.99	45.24	49.90	53.99	58.33	63.41	69.02	70.30	71.94	10	
12				37.01	43.77	44.65	47.98	51.17	52.07	54.01	59.02	64.98	69.98	76.07	81.73	86.74	12	
14					45.78	46.96	51.03	57.68	59.02	63.00	69.02	75.15	81.18	86.86	93.19	99.06	14	
16						52.52	57.00	62.16	66.99	71.94	78.19	85.08	91.14	98.68	104.20	110.78	16	
18							69.74	76.06	80.16	80.92	87.95	95.17	101.91	108.84	110.78	122.75	18	
20								78.18	84.05	90.07	97.06	104.70	111.90	119.99	127.42	135.41	20	
22									93.05	101.90	111.05	119.99	128.13	136.95	142.20	154.84	22	
24										109.97	121.09	131.96	141.83	152.91	163.50	174.59	24	
26											129.98	137.90	150.77	168.94	188.45	194.83	26	
28												153.82	168.94	183.35	209.22	214.95	28	
30													181.62	204.36	219.13	235.38	30	
32														216.59	238.88	258.70	32	
34															263.33	281.50	34	
36																305.43	36	

How to order: Model, Width x Height, Finish Example - CHM1 10x6 W

Minimum size: 6 x 6

Maximum size: 36 x 36



Ceiling Supply Registers - Extruded Aluminum

CM3 3-way

CM4 4-way

- adjustable curved blades
- multi-shutter damper
- white (W) or satin anodized (SA)

CEILING SUPPLY REGISTERS - EXTRUDED ALUMINUM																		
HEIGHT	WIDTH																	
	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36		
6	25.96	26.69	27.01	29.42	31.83	34.93	37.20	39.34	45.75	51.94	54.41	58.17	65.47	68.03	73.27	77.62	6	
8		32.44	34.93	39.08	41.62	45.75	48.47	48.89	50.68	56.74	59.30	65.54	72.87	76.74	80.67	87.50	8	
10			37.56	41.63	45.75	49.85	50.68	53.22	55.78	60.56	66.74	73.02	79.17	85.45	91.35	97.66	10	
12				45.75	49.85	51.03	59.16	63.18	63.18	66.61	73.02	80.34	86.26	93.99	100.36	107.24	12	
14					56.53	57.44	63.18	68.04	73.02	77.62	85.45	92.79	99.99	107.56	120.56	122.52	14	
16						62.68	70.47	76.74	82.80	89.05	96.36	105.12	112.47	121.08	131.46	137.13	16	
18							85.98	93.99	95.64	99.96	108.75	117.49	125.74	134.77	142.21	151.62	18	
20								96.36	103.76	111.21	119.87	129.79	138.40	148.27	158.89	166.95	20	
22									115.07	126.11	137.13	140.18	158.08	169.31	180.70	191.61	22	
24										135.66	149.55	163.19	175.12	189.12	207.05	215.69	24	
26											160.74	176.71	192.79	208.86	220.75	241.05	26	
28												190.26	204.09	227.43	247.92	265.78	28	
30													224.27	247.28	265.42	290.58	30	
32														266.92	297.78	320.11	32	
34															318.48	348.38	34	
36																377.01	36	

How to order: Model, Width x Height, Finish Example - CM4 10x6 W

Minimum size: 6 x 6

Maximum size: 36 x 36



Ceiling Supply Grille
- Extruded Aluminum

**CH1 Horizontal
Blades, 1-way**

**CH2 Horizontal
Blades, 2-way**

- adjustable curved blades
- no damper
- white (W) or satin anodized (SA)

CEILING SUPPLY GRILLE - EXTRUDED ALUMINUM																		
	WIDTH																	
		6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	
HEIGHT	6	16.43	17.33	15.86	17.33	19.02	20.57	25.88	23.01	28.34	32.98	33.76	36.23	41.56	42.24	47.33	49.56	6
	8		18.81	20.57	22.88	24.43	26.69	28.34	24.97	31.34	36.11	37.01	40.56	46.31	47.40	53.08	55.58	8
	10			22.22	24.43	26.69	29.12	31.83	31.83	34.63	38.82	41.43	43.23	49.70	52.89	57.47	60.46	10
	12				26.69	29.11	32.07	34.43	37.01	39.09	42.45	45.26	48.94	54.82	58.23	63.73	68.16	12
	14					32.98	36.23	39.09	44.86	45.26	49.56	53.04	56.40	62.05	66.55	69.40	75.80	14
	16						40.70	42.47	47.40	51.41	54.95	58.42	65.16	69.74	75.15	79.68	85.08	16
	18							50.20	54.82	57.67	63.42	67.50	73.10	79.93	83.43	90.07	96.45	18
	20								61.21	64.36	69.01	74.60	80.30	85.75	96.90	100.36	103.37	20
	22									71.10	78.17	85.08	91.88	98.13	103.82	114.57	118.67	22
	24										86.14	92.63	101.05	111.21	117.19	127.87	137.09	24
	26											99.59	109.55	119.35	129.43	138.04	149.30	26
	28												117.97	129.43	140.76	154.65	164.46	28
	30													142.40	155.72	169.86	184.72	30
	32														165.32	180.93	198.22	32
	34															207.66	215.81	34
	36																239.57	36

How to order: Model, Width x Height, Finish Example - CH1 10x6 W

Maximum size: 6 x 6

Maximum size: 36 x 36



Ceiling Supply
Registers - Extruded
Aluminum

**CHD1 Horizontal
Blades, 1-way**

**CHD2 Horizontal
Blades, 2-way**

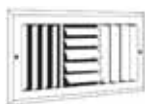
- adjustable curved blades
- opposed-blade damper
- white (W) or satin anodized (SA)

CEILING SUPPLY REGISTERS - EXTRUDED ALUMINUM																			
	WIDTH																		
		6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36		
HEIGHT	6	22.46	25.58	25.78	26.07	28.34	32.60	35.38	36.65	39.92	45.28	48.42	53.18	56.70	60.08	68.95	70.62	6	
	8		28.04	30.38	31.26	35.75	39.02	39.86	40.24	43.86	49.56	51.94	56.70	64.92	66.66	77.49	77.59	8	
	10			34.76	37.74	39.92	44.30	47.17	48.12	49.71	55.38	56.00	58.42	69.01	76.24	79.69	85.08	10	
	12				41.05	44.30	44.65	51.77	54.96	55.80	59.95	66.29	71.24	76.61	81.26	85.55	94.08	12	
	14					47.92	49.97	61.03	62.28	64.90	71.56	74.06	82.00	90.17	96.45	108.75	120.42	14	
	16						53.18	67.71	69.60	73.17	80.13	84.58	92.21	100.47	108.50	114.33	120.44	16	
	18							72.88	79.62	83.76	92.05	100.18	107.89	113.96	120.72	135.24	139.86	18	
	20								88.68	93.71	101.42	110.68	118.30	126.63	138.01	148.54	159.21	20	
	22									101.92	112.86	121.65	131.26	139.98	147.49	170.20	171.78	22	
	24										125.09	133.42	138.70	161.39	164.36	191.55	198.97	24	
	26												137.81	146.98	168.72	186.62	212.72	222.24	26
	28													162.49	184.72	201.92	233.92	245.30	28
	30														206.83	219.21	254.42	268.22	30
	32															254.01	276.92	291.56	32
	34																299.39	318.63	34
	36																	347.68	36

How to order: Model, Width x Height, Finish Example - CHD1 10x6 W

Maximum size: 6 x 6

Minimum size: 36 x 36



Ceiling Supply
Grilles -
Extruded
Aluminum
C3 3-way
C4 4-way
-adjustable curved
blades
-white (W) or satin
anodized (SA)

CEILING SUPPLY GRILLES - EXTRUDED ALUMINUM																		
	WIDTH																	
		6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	
HEIGHT	6	19.94	20.23	20.66	22.53	24.62	26.77	33.52	33.64	33.94	36.40	40.44	43.41	47.87	50.68	61.10	64.33	6
	8		24.43	26.76	29.61	31.54	46.88	36.80	37.20	37.74	41.04	44.30	48.66	51.78	56.92	69.60	72.32	8
	10			28.81	31.54	34.62	37.91	38.16	38.81	41.56	47.88	49.30	51.77	59.16	63.40	71.22	74.38	10
	12				34.62	37.91	42.75	44.68	45.75	46.88	51.02	54.40	59.16	67.52	69.76	85.43	88.55	12
	14					42.74	46.28	46.88	53.83	54.41	58.87	63.53	67.52	74.43	79.76	88.22	90.92	14
	16						49.97	51.03	56.92	61.57	66.07	70.30	78.26	83.42	90.17	97.66	101.90	16
	18							65.16	66.97	69.17	74.39	81.04	87.76	96.45	100.28	119.45	125.38	18
	20								74.39	77.15	82.80	89.43	96.45	107.29	116.20	125.12	132.80	20
	22									85.08	93.56	101.91	109.32	117.49	124.53	136.40	142.21	22
	24										106.19	111.21	121.32	138.04	140.75	170.70	178.14	24
	26											119.45	131.46	141.64	155.47	175.49	179.12	26
	28												141.64	155.46	169.02	191.75	197.49	28
	30													185.18	186.62	226.55	240.13	30
	32														198.06	233.58	244.19	32
	34															244.19	265.42	34
	36																311.39	36

How to order: Model, Width x Height, Finish

Example - C4 10x10 W

Minimum size: 6 x 6

Maximum size: 36 x 36



Ceiling Supply
Registers -
Extruded
Aluminum
CD3 3-way
CD4 4-way
- adjustable curved
blades
- opposed-blade
damper
- white (W) or satin
anodized (SA)

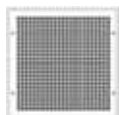
CEILING SUPPLY REGISTERS - EXTRUDED ALUMINUM																		
	WIDTH																	
		6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	
HEIGHT	6	27.79	28.46	28.78	31.26	34.08	36.47	45.75	47.88	50.68	54.95	60.32	64.49	72.67	75.42	78.26	85.43	6
	8		33.64	36.47	40.41	42.98	46.88	49.71	53.39	56.32	60.32	65.90	72.67	78.83	85.08	88.92	94.26	8
	10			41.43	44.95	47.98	53.04	56.33	59.01	61.57	67.15	74.03	80.92	87.37	94.66	97.94	108.32	10
	12				48.94	53.04	58.15	62.17	65.75	69.99	72.88	80.92	89.05	93.05	104.20	109.62	114.55	12
	14					57.69	60.52	69.98	75.42	80.91	86.50	94.65	102.86	110.78	119.23	124.33	135.66	14
	16						69.91	78.19	85.08	91.73	98.70	106.89	116.45	124.68	134.22	138.69	152.13	16
	18							87.80	95.99	102.86	111.21	120.56	130.31	139.98	149.36	153.28	168.72	18
	20								106.92	115.13	123.45	132.92	143.98	153.47	164.36	169.13	185.01	20
	22									115.04	139.85	152.13	164.36	175.49	187.69	193.68	212.36	22
	24										150.88	165.86	180.89	194.68	209.69	218.41	238.88	24
	26											178.14	196.11	213.80	231.51	242.38	267.16	26
	28												211.08	231.51	252.05	267.10	294.66	28
	30													249.53	273.87	290.27	323.58	30
	32														296.01	318.23	354.75	32
	34															342.08	386.46	34
	36																419.66	36

How to order: Model, Width x Height, Finish

Example - CD4 10x10 W

Minimum size: 6 x 6

Maximum size: 36 x 36



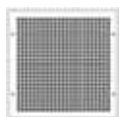
RE5

- 1/2" x 1/2" x 1/2" grid core
- 1 1/4" wide frame
- white (W) or mill finish (MILL)

WIDTH

[illegible]

Note: RE510 - ½ x ½ x 1 - multiply RE5 list by 1.75 RE1 - 1 x 1 x 1 - multiply RE5 list by 1.75



RED5

- 1/2" x 1/2" x 1/2" grid core
- 1 1/4" wide frame
- opposed-blade damper
- white (W) or mill finish (MILL)

WIDTH

[illegible]

Maximum size: 48 x 48



Filter Grilles - Extruded Aluminum

RHF45 Horizontal Front Blades - 45°

RCBF Curved Blades- adjustable curved blades

- filter grille
- fixed blades
- accepts 1" filter
- white (W) or satin anodized (SA)

FILTER GRILLES - EXTRUDED ALUMINUM																										
	WIDTH																									
	6	8	10	12	14	16	18	20	22	24	25	26	28	30	32	34	36	38	40	42	44	46	48			
HEIGHT	6	17.72	18.71	20.17	22.07	24.35	26.32	27.75	29.59	31.18	34.43		36.81	39.35	43.33	45.96	47.92	52.61	60.16	61.89	63.37	64.83	68.23	71.54	6	
	8		20.17	22.59	24.37	26.32	28.61	30.25	31.66	34.43	37.91		40.12	44.06	48.53	51.81	53.40	59.24	65.67	67.01	69.77	72.66	75.94	79.21	8	
	10			23.52	26.32	28.61	31.21	34.43	36.28	37.92	41.26		45.16	49.29	53.42	57.49	60.07	65.99	75.64	77.35	78.89	80.52	83.68	87.12	10	
	12				28.61	31.21	34.43	37.11	39.59	43.01	45.62		49.29	54.09	58.56	63.40	66.55	72.66	82.68	85.17	88.51	91.78	94.37	96.91	12	
	14					35.56	38.90	43.01	46.48	49.80	53.06	56.01	57.49	62.52	67.64	72.66	75.40	82.67	96.25	99.48	102.86	106.09	109.64	112.88	14	
	16						43.85	47.93	52.63	56.45	60.74	63.47	65.02	70.89	75.95	81.63	84.34	92.56	106.11	110.70	115.26	119.73	124.37	128.94	16	
	18							54.06	59.02	63.22	68.23		73.41	79.21	85.18	90.97	94.10	102.58	116.27	121.96	127.49	133.36	139.16	144.75	18	
	20								62.61	70.77	75.70	71.39	81.07	87.68	93.29	99.98	102.76	112.45	126.00	133.04	140.05	146.94	154.00	161.06	20	
	22									78.50	85.71		89.82	99.98	107.05	114.16	118.36	116.28	142.84	150.72	158.46	166.35	174.22	182.00	22	
	24										93.54		100.96	110.13	102.09	127.49	132.98	121.52	159.56	166.69	174.26	181.66	189.01	196.52	24	
	25								71.39			78.26													25	
	26												108.51	119.22	130.11	140.95	147.38	162.48	176.10	184.10	192.18	200.02	207.96	216.09	26	
	28													128.48	140.97	153.33	162.10	179.21	192.75	200.90	209.09	217.65	226.46	235.34	28	
	30														151.59	166.69	176.65	196.53	210.13	218.07	226.47	235.04	243.85	253.21	30	
	32															179.99	192.04	215.83	229.42	237.30	245.74	254.65	263.53	272.56	32	
	34																207.25	235.03	248.65	256.66	265.06	273.80	282.89	291.99	34	
	36																	254.99	268.58	276.77	285.20	293.82	302.88	311.69	36	
	38																			277.14	289.84	299.92	310.30	321.17	332.35	38
	40																				304.07	315.32	326.15	337.49	348.29	40
	42																					328.76	342.53	355.87	369.48	42
	44																						358.69	374.71	390.51	44
	46																							389.93	404.98	46
	48																								419.63	48

How to order: Model, Width x Height, Finish

Example - RHF45 20x16 W

Minimum size: 6 x 6

Maximum size for 1-piece construction: 48 x 48

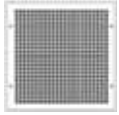
Note: For 2" filter frame, add suffix 2; use above prices x 1.1.

Example - RHF452 16x16 W

For 3" and 4" filter frame, add suffix 3 or 4; use above prices x 1.25.

For 5" filter frame, add suffix 5; use above prices x 1.50.

Note: To price aluminum registers/grilles larger than shown, determine how many registers/grilles of a smaller size are required. Multiply the price of the smaller register/grille by the quantity needed. Then, multiply that number by 1.25. Registers/grilles ordered larger than the maximum size will be supplied in multiple pieces with full margins around each piece.

Return Filter Grilles -
Extruded Aluminum**REF5**

- ½" x ½" x ½" grid core
- accepts 1" filter
- white (W) or mill finish (MILL)

RETURN FILTER GRILLES - EXTRUDED ALUMINUM																				
	WIDTH																			
	6	8	10	12	14	16	18	20	22	24	25	26	28	30	32	34	36			
HEIGHT	4	13.60	14.11	15.59	16.86	18.43	19.66	21.10	22.53	23.90	25.96		27.20	29.29	32.20	34.12	36.38	38.36	4	
	5	14.56	14.77	16.24	17.62	19.66	21.10	21.89	23.13	24.63	27.45		29.28	30.63	34.02	36.22	38.28	41.11	5	
	6	15.24	15.61	16.83	18.44	20.30	21.91	23.13	24.63	25.97	28.70		30.63	32.79	36.22	38.36	42.13	43.83	6	
	8		16.83	18.44	20.31	21.89	23.90	25.22	26.42	28.70	31.54		33.38	36.75	40.42	43.20	46.04	49.42	8	
	10			19.66	21.89	23.91	25.96	28.70	30.25	31.55	34.31		37.62	41.11	44.51	47.88	51.89	54.88	10	
	12				23.91	25.96	28.70	30.97	32.98	35.83	38.04		41.11	45.13	48.75	52.85	57.06	60.53	12	
	14					29.64	32.43	35.84	38.66	41.49	44.24	46.01	47.89	52.15	56.42	60.55	65.99	68.84	14	
	16						36.55	39.88	43.83	47.03	50.57	52.36	54.16	58.99	63.34	68.03	68.96	77.15	16	
	18							45.02	49.26	52.71	56.92		61.18	66.04	70.92	75.74	82.21	85.45	18	
	20								53.57	58.89	63.10	67.09	67.50	73.11	77.73	83.34	88.38	93.78	20	
	22									65.39	66.64		68.65	83.34	88.95	95.11	102.01	107.67	22	
	24										70.11		84.12	91.79	92.69	106.25	118.72	122.52	24	
	25								67.09			75.32								25
	26												90.41	99.31	108.42	117.46	128.84	135.41	26	
	28													107.06	117.46	127.74	141.28	149.30	28	
	30														126.38	138.87	151.27	163.82	30	
	32															149.99	162.12	179.88	32	
34																172.88	195.85	34		
36																	212.50	36		

How to order: Model, Width x Height, Finish

Example - REF5 16x16 W"

Minimum size: 6 x 4 Maximum size: 48 x 48

Note: For 2" filter frame, add suffix 2; use above prices x 1.1.

Example - REF52 16x16 W

For 4" filter frame, add suffix 4; use above prices x 1.25.

Transfer Grilles -
Extruded Aluminum**TG/TGF**

- sight proof
- wye blade
- white (W) or satin anodized (SA)

TRANSFER GRILLES - EXTRUDED ALUMINUM																		
WIDTH																		
HEIGHT		6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	
	6	23.99	23.99	24.96	26.84	29.74	35.47	36.40	39.32	42.14	44.11	46.00	48.87	52.64	57.47	59.38	61.32	6
	8		26.84	26.84	26.84	31.61	37.40	41.21	43.13	46.94	50.79	53.67	57.47	61.32	61.32	64.18	71.85	8
	10			31.61	34.54	37.40	41.21	46.00	47.89	50.77	54.58	59.39	64.17	70.87	71.84	74.69	79.48	10
	12				37.40	42.16	44.10	48.87	52.64	55.53	59.37	64.18	70.87	76.58	79.48	84.27	86.15	12
	14					46.95	49.83	54.60	60.34	64.18	68.96	73.75	78.47	83.30	90.68	94.76	99.58	14
	16						56.50	61.32	68.96	72.75	76.58	81.39	86.10	90.93	102.40	101.63	112.01	16
	18							68.96	73.74	78.51	83.31	88.09	95.75	102.40	113.88	121.58	127.33	18
	20								83.30	87.16	93.80	99.56	107.23	114.88	129.22	134.00	138.78	20
	22									94.76	106.59	108.18	115.86	127.33	143.57	149.32	154.14	22
	24										113.96	117.75	129.22	141.65	157.93	163.66	168.47	24
	26											129.22	139.76	155.00	174.14	180.89	188.51	26
	28												157.93	172.27	188.51	195.23	202.88	28
	30													186.62	202.88	212.42	220.14	30
	32														218.20	230.67	233.55	32
	34															245.88	256.43	34
36																272.75	36	

How to order: Model, Width x Height, Finish Example - TG/TGF 14x10 SA

Minimum size: 6 x 6 Maximum size: 36 x 72

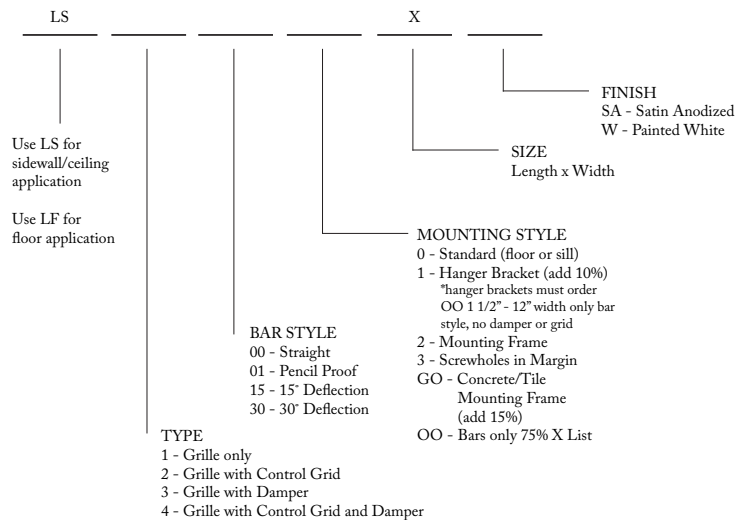
Note: TG (grille only) x .75 TGF (frame only) x .25

**LF/LS Linear Series***end caps included*

- all prices listed are per foot
- round up to nearest ½ foot when computing fractional lengths
- available only in ½" width increments
- maximum 1 piece length 72"
- order in inches

LF/LS WIDTH	GRILLE ONLY L1	W/GRID L2	W/DAMPER L3	W/DAMPER & GRID	#2 MOUNTING FRAME
LF/LS LINEAR SERIES					
1.5	17.24	21.28	24.36	29.06	6.21
2	20.16	24.26	27.06	31.40	6.21
2.5	22.24	26.28	28.55	33.61	6.21
3	24.50	28.41	30.80	35.83	6.21
3.5	25.98	30.54	32.38	37.99	8.81
4	28.09	32.98	35.74	41.90	8.81
5	31.44	37.05	39.79	46.75	8.81
6	35.21	41.48	43.88	51.84	8.81
8	41.76	48.52	51.67	60.56	15.02
10	47.93	55.40	59.36	69.12	15.02
12	54.43	62.43	66.92	77.49	15.02
14	60.69	69.65	75.19	86.98	15.02
16	66.83	76.77	83.44	96.52	21.70
18	73.17	84.22	91.63	106.08	21.70
20	79.39	91.63	99.90	115.80	21.70
22	85.79	99.11	108.29	125.65	21.70
24	92.37	106.84	116.78	135.63	21.70

How to Order:

**Note:** For floor application, specify as LF instead of LS and add 15% to price.

Width cannot exceed length.

8" maximum width constant traffic

12" maximum width occasional traffic

72" maximum length

Satin anodized finish standard; add 5% for white or golden sand. For #1 mounting style, add 10%.

Add 50% of width larger than length.

For T-Bar 24" order 22 1/2", 48" order 46 1/2"

Add 50% if width larger than length

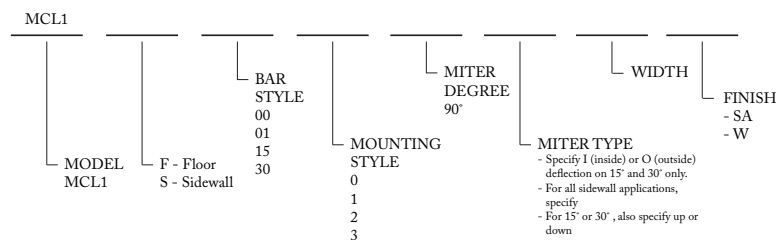
For Access Doors add \$17.50

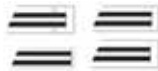
DRAWING REQUIRED WHEN ORDERING LINEARS OR SLOT DIFFUSERS WITH MITERED CORNERS.

LISTED WIDTH	12 X 12 90° MITERED CORNERS	12 X 12 90° MITERED FRAMES
MITERED CORNER		
1.5	69.03	20.67
2	73.27	22.05
2.5	77.59	23.31
3	81.83	24.54
3.5	86.03	25.80
4	90.31	27.20
5	98.90	31.40
6	107.55	32.34
8	124.64	37.49
10	142.05	42.64
12	159.05	47.77
14	176.32	52.90

Note: To price corner section other than 90°, add 30% to 90° price.

Mitered corner sections furnished as shown. Order as:

**See page 55 for Distribution Plenums.**



S Slot Series

- ½" Slot - Type 50
- ¾" Slot - Type 75
- 1" Slot - Type 10

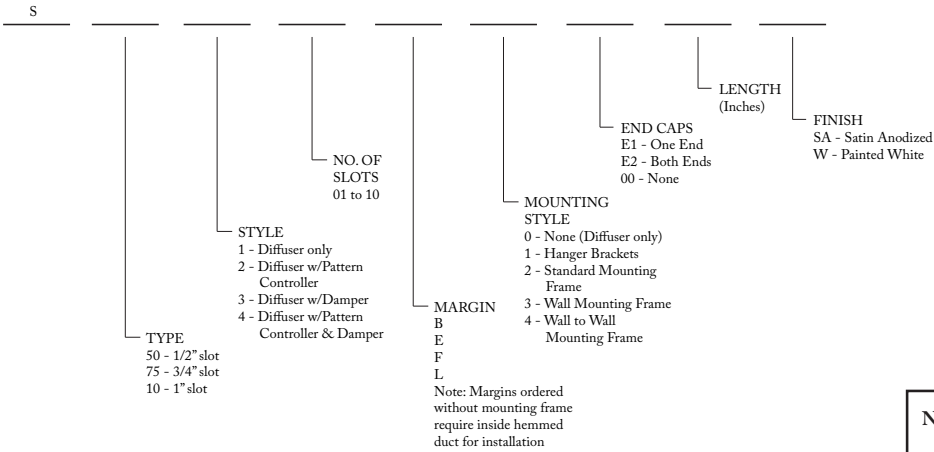
- prices listed are per foot (including mounting frame)
- round up to nearest ½ foot when computing fractional lengths
- maximum 1 piece length 72"
- order in inches

NUMBER SLOTS	DIFFUSER ONLY	W/ PATTERN CONTROL	W/ DAMPER	W/ PATTERN CONTROL & DAMPER	END CAPS (pair)	2,3,& 4 MOUNTING FRAMES	24" X 24" 90° MITERED CORNER
S SLOT SERIES							
1	16.06	18.15	18.15	20.13	8.30	9.45	79.80
2	21.95	24.64	24.64	27.41	8.30	9.45	105.67
3	26.28	29.57	29.57	32.80	8.73	9.45	129.62
4	32.08	36.05	36.05	42.18	8.73	9.45	233.32
5	37.94	42.65	42.65	47.37	9.45	9.45	271.03
6	45.15	50.86	50.86	56.46	9.45	10.77	319.00
7	49.61	55.70	55.70	61.98	10.12	10.77	354.75
8	55.44	62.43	62.43	69.25	10.12	10.77	394.71
9	61.43	69.03	69.03	76.77	10.84	11.94	433.81
10	67.40	75.70	75.70	84.14	10.84	11.94	473.09

Satin anodized finish standard.
For white finish or golden sand, add 5%.
For mounting style 1 (Hanger Brackets)

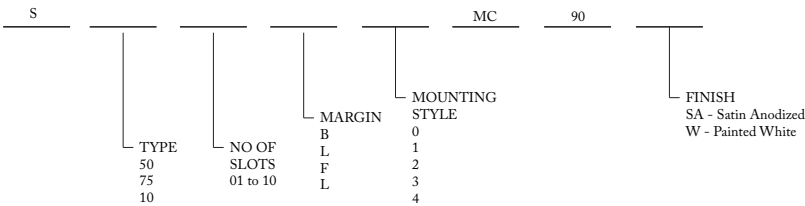
Note: To price a mitered corner section other than 90°, add 50% to 90° list pricer

Satin anodized finish standard.
For white finish or golden sand, add 5%
How to order:



NOTE: REVIEW DIMENSIONS OF B1 MARGIN BEFORE ORDERING!

Mitered Corner
Mitered Corner sections order as:



See page 55 for Distribution Plenums.

- For T-Bar Application

B margin with end caps

24" order 22 3/4" length

48" order 46 3/4" length
- E margin with end caps

24" order 22" length

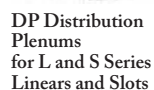
48" order 46" length
- B margin without end caps

24" order 23 3/4" length

48" order 47 3/4" length
- E margin without end caps

24" order 23 3/4" length

48" order 47 3/4" length

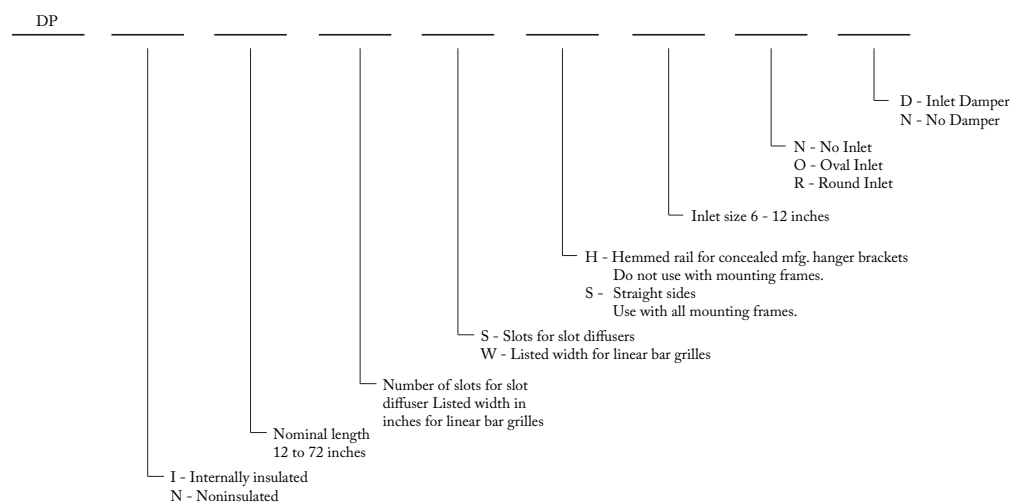


DP DISTRIBUTION PLENUMS							
Noninsulated			Nominal length				
1	1½" to 3"	14.68	21.19	26.28	30.74	37.96	53.94
2	3½" to 4½"	17.58	24.83	32.19	37.25	45.21	63.45
3	5" to 6½"	19.71	26.96	35.09	40.14	48.86	67.81
4	7" to 8½"	21.92	32.19	40.88	45.21	54.62	74.32
5	9" to 10½"	29.28	37.96	47.38	53.94	63.45	83.20
6	11" to 12½"	35.79	44.47	53.96	61.99	71.41	91.10
7	13" to 14½"	42.34	51.04	60.55	70.72	80.25	99.81
8	15" to 16½"	48.86	57.65	67.07	78.83	88.23	107.89
Insulated			Nominal length				
1	1½" to 3"	24.83	30.74	37.96	43.79	53.17	71.41
2	3½" to 4½"	27.81	37.25	45.21	53.17	64.90	78.39
3	5" to 6½"	30.00	40.88	50.29	56.95	69.32	90.41
4	7" to 8½"	32.19	45.95	56.20	63.45	75.19	97.63
5	9" to 10½"	40.14	53.17	64.17	73.73	85.31	107.16
6	11" to 12½"	47.38	60.55	71.41	83.20	94.75	117.32
7	13" to 14½"	54.73	68.53	78.83	93.27	105.00	132.59
8	15" to 16½"	62.73	75.91	86.77	103.56	115.15	137.72

- Freight charges - FOB shipping point. No freight allowed.
- Add 35% to net cost (2-week service).
- For 1" insulation, add **\$1.50** list/ linear foot to the standard ½" insulation prices above.
- For round inlet dampers, add **\$7.00** list; for oval inlet dampers, add **\$9.30**.

MINIMUM ORDER CHARGE:
\$75 NET (PLENUM ORDERS NOT
 MEETING THE MINIMUM WILL
 BE BILLED AT \$75 NET).

How to order:



Note: The complete linear bar grille or slot diffuser model number must be noted on the order.



Accessories - Steel
92OOV Opposed-Blade Damper
 - mill finish (MILL)

ACCESSORIES - STEEL																	
HEIGHT	WIDTH																
		6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36
	4	9.08	9.26	9.88	10.49	11.15	12.20	14.98	15.13	16.08	17.04	17.74	19.00	20.58	21.82	24.12	24.23
	5	9.88	10.24	10.48	10.85	11.87	13.33	14.69	15.75	16.20	17.31	18.18	19.99	21.96	22.39	25.61	25.80
	6	10.85	11.15	11.39	12.64	13.84	14.41	14.98	16.35	17.11	17.79	18.48	20.22	22.14	23.21	27.04	26.32
	8		12.03	12.62	14.10	14.69	16.08	16.65	17.92	18.71	19.51	20.36	23.21	24.23	25.74	28.02	28.39
	10			16.35	17.34	18.52	19.73	21.32	22.39	22.96	23.96	25.22	26.40	26.83	27.77	29.84	31.06
	12				18.70	19.73	21.32	22.54	23.62	25.22	25.80	26.98	28.41	29.42	31.07	32.17	33.65
	14					22.96	24.92	26.22	27.62	29.48	29.66	29.76	32.80	34.63	36.27	42.79	44.15
	16						28.39	30.23	30.44	32.42	34.63	35.62	38.83	39.66	42.56	47.62	49.15
	18							34.03	37.31	39.67	41.60	42.93	46.10	46.76	49.33	53.70	54.62

How to order: Model, Width x Height, Finish

Example - 92OOV 14x6

Maximum size 1 piece: 24 x 24

Minimum size: 6 x 4

Maximum size: 36 x 18



Accessories - Extruded Aluminum
AD Opposed-Blade Damper
 - mill finish (MILL)

ACCESSORIES - EXTRUDED ALUMINUM												
HEIGHT	WIDTH											
		6	8	10	12	14	16	18	20	22	24	
	4	22.68	23.68	25.35	26.65	28.46	31.27	37.02	38.63	40.94	43.46	4
	5	22.74	26.06	26.69	27.66	30.34	33.93	37.58	40.23	41.77	44.03	5
	6	25.78	28.46	29.12	32.20	35.26	36.66	38.22	41.77	43.56	45.47	6
	8		30.35	32.20	35.89	37.57	40.94	42.59	45.71	47.77	49.81	8
	10			41.77	44.03	47.10	50.14	54.21	57.01	58.63	61.11	10
	12				47.79	50.14	54.23	57.56	60.21	64.22	65.77	12
	14					58.57	63.79	66.92	70.29	75.33	75.56	14
	16						72.28	76.87	77.47	82.60	88.36	16
	18							76.88	86.92	95.14	101.18	18
	20								105.37	126.94	122.77	20
	22									142.92	127.54	22
	24										132.29	24

How to order: Model, Width x Height

Example - AD 10x6

Minimum size: 4 x 3

Maximum size: 24 x 24



Accessories -
Extruded Aluminum
**APF Mounting
Frame**
-white (W) or satin
anodized (SA)

ACCESSORIES - EXTRUDED ALUMINUM																									
	WIDTH																								
	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48			
HEIGHT	4	16.17	16.17	16.19	18.67	18.67	18.69	20.64	20.64	20.66	22.89	22.89	25.06	25.06	25.06	27.55	29.79	29.79	31.91	31.91	31.91	34.44	34.44	36.80	4
	5	16.17	16.17	18.67	18.69	18.67	20.64	20.66	20.66	22.89	22.89	22.89	25.06	25.06	27.55	29.79	31.91	31.91	31.91	34.44	34.44	36.59	36.80	5	
	6	16.17	16.17	18.67	18.67	18.67	20.64	20.64	20.64	22.89	22.89	25.04	25.06	27.55	27.55	29.79	31.91	31.91	34.44	34.44	36.80	36.80	36.80	6	
	8		18.67	18.67	18.67	20.64	20.64	22.89	22.89	22.89	25.04	25.06	27.55	27.55	27.55	31.91	31.91	34.44	34.44	36.80	36.80	36.80	39.01	8	
	10			18.67	20.67	20.64	22.89	22.89	22.89	25.06	25.04	27.55	27.55	29.80	27.55	31.91	34.44	34.44	36.80	36.80	36.80	39.01	39.01	10	
	12				20.64	22.88	22.89	22.88	25.06	25.06	27.55	27.55	29.79	29.80	31.91	34.44	34.41	36.80	36.80	36.80	39.01	39.01	43.47	12	
	14					22.88	22.89	25.06	25.06	27.55	27.55	29.79	29.79	31.91	31.91	34.44	36.80	36.80	36.80	39.01	39.01	43.47	43.47	14	
	16						25.04	25.06	27.55	27.55	29.79	29.79	31.91	31.91	34.44	36.80	36.80	36.80	39.01	39.01	43.47	43.47	45.24	16	
	18							27.55	27.55	27.55	29.80	29.79	31.91	31.89	34.44	36.80	36.80	39.01	39.01	43.47	43.47	45.23	45.23	18	
	20								27.55	29.79	29.79	31.91	31.91	34.44	34.44	39.01	39.01	39.01	43.47	43.47	43.47	45.23	45.84	20	
	22									29.79	31.91	31.91	34.44	34.44	36.80	39.01	39.01	41.26	43.47	43.47	43.47	45.86	48.14	22	
	24										31.89	34.44	34.44	36.80	36.80	39.01	41.26	43.47	43.47	43.47	45.86	48.14	48.11	24	
	26											34.41	36.80	36.80	39.01	41.26	43.47	43.47	43.47	45.86	48.14	48.14	50.45	26	
	28												36.80	39.01	39.01	41.26	43.47	43.47	45.86	48.14	48.14	50.45	50.45	28	
	30													39.02	41.26	43.47	43.47	45.86	48.14	48.14	50.45	50.45	52.90	30	
	32														41.26	43.47	45.86	48.14	48.14	50.45	50.45	52.90	52.90	32	
	34															45.86	48.14	48.14	50.45	50.45	52.90	52.90	55.30	34	
	36																48.11	50.45	50.45	52.90	52.90	55.30	55.30	36	
	38																	50.45	52.90	52.90	55.30	55.30	57.45	38	
	40																		52.90	55.30	55.30	57.45	59.43	40	
	42																			55.30	57.45	59.43	62.51	42	
	44																					62.51	66.97	44	
	46																							46	
	48																							48	

How to order: Model, Width x Height, Finish

Example - APF 26x24 SA

Minimum size: 6 x 4

Maximum size: 72 x 48

Accessories -
Aluminum**FT**

- air-turning device
- gang-operated
- mill finish (MILL)

ACCESSORIES - ALUMINUM																	
HEIGHT	WIDTH																
		8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	
	4	28.45	30.80	35.46	39.75	43.96	46.19	52.85	55.01	59.50	63.83	68.19	70.47	77.00	79.19	83.44	4
	5	28.45	33.09	37.39	41.92	46.19	48.52	55.01	59.50	61.61	68.19	74.69	81.49	85.83	88.13	5	
	6	30.83	35.46	37.40	43.96	48.52	52.85	57.35	61.61	65.99	72.56	74.69	79.19	85.83	90.07	92.34	6
	8	33.10	37.40	41.92	48.52	52.85	57.34	63.83	68.19	72.56	79.19	83.44	88.13	94.54	98.97	103.44	8
	10		39.75	43.96	50.68	57.35	61.61	68.20	73.67	79.19	85.83	90.07	94.54	103.44	107.69	112.13	10
	12			48.52	54.99	60.91	66.00	74.67	79.19	85.83	92.34	96.70	103.44	109.97	116.49	120.96	12
	14				59.50	65.99	70.47	79.19	85.83	90.06	98.99	105.63	112.13	118.62	125.34	131.92	14
	16					70.40	72.55	81.48	88.13	94.54	101.11	107.69	116.49	122.98	129.63	136.15	16
	18						81.48	90.07	96.70	105.63	114.29	120.95	129.63	136.17	145.25	153.82	18

Horizontal (width dimension) must be in 2" increments.

How to order: Model, Width x Height

Example - FT 30x12

Minimum size: 8 x 4

Maximum size: 36 x 8

Accessories -
Aluminum**DT**

- air diverter
- two sets adjustable blades
- mill finish (MILL)

ACCESSORIES - ALUMINUM																	
HEIGHT	WIDTH																
		6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36
	4	19.94	24.17	26.31	30.80	33.00	37.39	41.93	46.19	48.44	52.85	55.01	59.50	63.83	66.00	70.47	77.00
	5	21.95	24.17	28.45	33.00	37.39	39.75	43.96	48.44	52.85	57.34	57.34	63.83	68.19	72.56	77.00	81.49
	6	21.92	26.31	30.80	35.41	39.75	43.96	48.44	52.85	54.90	59.50	63.83	68.19	72.56	77.00	81.49	88.13
	8		28.46	35.46	39.75	43.96	48.44	52.85	59.50	63.83	68.19	72.56	79.19	83.44	88.13	92.34	98.86
	10			37.39	42.65	48.44	55.01	59.50	66.00	70.47	77.00	81.49	88.13	92.34	98.86	103.44	112.13
	12				48.52	52.85	59.50	66.00	72.56	77.00	83.44	90.07	96.70	103.44	109.97	114.21	122.98
	14					59.50	66.00	72.56	79.19	85.83	92.34	98.86	105.63	112.13	118.62	127.58	136.15
	16						88.13	98.86	107.69	118.62	127.58	136.15	147.35	156.09	164.76	175.72	186.86
	18							112.06	124.56	134.47	145.79	154.25	167.44	175.87	187.14	195.64	210.66
	20								131.05	141.09	154.26	163.65	176.85	184.33	197.49	206.89	223.80

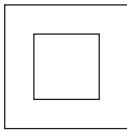
2" increment sizes only

How to order: Model, Width x Height

Example - DT 20x10

Minimum size: 6 x 4

Maximum size: 36 x 20



P Ceiling Panel
(W) (AL)

- Add to price of desired register, grille, or diffuser
- Aluminum panel supplied with aluminum register, grille, or diffuser
- Steel panel supplied with steel register, grille, or diffuser

NOMINAL SIZE	STEEL PRICE	ALUMINUM PRICE
P CEILING PANEL		
12 x 12	14.25	22.19
24 x 12	16.28	24.77
36 x 12	21.78	33.06
48 x 12	25.07	38.53
24 x 24	22.43	34.44
36 x 24	35.17	53.67
48 x 24	48.11	74.31
36 x 36	66.20	101.08
48 x 48	102.04	155.30

Finishes

- **Special finishes**
To be reviewed by Hart & Cooley prior to approval.
- **Painted finish to match sample**
Contact factory for price and lead time.
- **Epoxy paint**
Contact factory for price and lead time.
- **Color anodizing**
Contact factory for price and lead time.



BV Series
Brick/Block Vents

- standard masonry size
- all-aluminum construction
- maximum water protection
- 6063TS extruded aluminum alloy
- 18 x 16 mesh aluminum insect screen standard
- 4" standard depth
- satin anodized (SA)

MODEL #	4" PRICE EACH	4" W/OBD PRICE EACH
BV SERIES BRICK/BLOCK VENTS		
BV802	42.77	85.57
BV805	46.13	103.31
BV808	69.12	105.23
BV122	55.98	123.42
BV125	69.99	129.54
BV128	82.21	134.32
BV162	69.09	113.14
BV165	83.78	128.83
BV168	98.72	149.68
BV158	98.72	149.68
BV242	102.00	160.46
BV245	123.44	172.74
BV248	148.07	227.83
BV318	191.27	294.27

Note: To order with opposed-blade damper, specify Model, Depth, OBD, Finish.
Example - BV168 8 OBD SA



Louver option
screen pricing

- Prices listed are per square foot.
- Round to nearest ½ square foot when computing fractional footage.
- Minimum charge for screen is 1 square foot.
- To order louver with screen attached, add suffix WIS or WBS to louver model.

MODEL #	DESCRIPTION	PRICE PER SQ. FT.
LOUVERS & BRICK/BLOCK VENTS		
WIS	woven fiberglass insect screen	6.93
WBS	aluminum bird screen	8.31



Stationary Louvers

1530ZC 1530ZF

- 1½" Fixed Louver
 - extruded aluminum construction
 - fixed Z blade louver
 - blades at 30° angle
 - 1½" louver depth
 - channel or flange frame
 - available with bird or insect screen option (page 59)
 - mill finish (MILL) standard

STATIONARY LOUVERS																	
HEIGHT	WIDTH																
		12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	
12	53.06	59.91	65.08	71.00	76.13	83.86	93.19	100.05	106.92	112.06	118.03	129.99	135.14	141.13	147.07	12	
16	69.30	76.13	83.86	90.70	98.35	106.92	117.19	127.42	135.14	141.96	149.69	159.31	165.90	173.58	181.27	16	
20	86.42	94.98	104.38	113.78	123.17	133.46	146.29	159.12	168.47	177.93	190.71	200.96	209.50	218.92	228.28	20	
24	102.65	112.88	123.99	135.14	145.42	156.51	175.31	190.71	201.82	212.08	229.18	240.32	250.52	261.67	272.77	24	
28	109.52	122.33	140.25	152.23	164.16	177.93	196.66	212.89	224.89	237.70	252.28	266.79	281.34	294.97	311.23	28	
32	118.85	132.53	160.79	174.47	188.10	202.68	226.59	245.37	259.09	273.61	288.15	306.08	319.76	335.16	348.85	32	
36	127.42	141.96	181.27	195.80	211.22	228.28	253.94	275.35	290.70	306.98	323.21	342.01	356.58	376.24	390.75	36	
40	150.52	167.62	195.80	212.08	230.02	248.87	281.34	304.41	320.62	342.90	359.97	383.85	400.16	419.01	436.07	40	
44	174.47	200.81	218.92	236.03	254.82	276.22	300.10	324.94	343.70	375.36	393.28	416.38	435.17	460.02	478.79	44	
48	200.96	219.73	239.40	265.92	285.58	306.98	327.51	354.00	384.80	407.87	426.63	451.47	471.09	493.33	512.97	48	
52	216.38	237.47	258.63	285.58	306.98	331.75	352.24	381.36	408.70	429.20	450.56	480.49	501.89	526.70	548.27	52	
56	231.76	254.82	277.91	306.08	329.19	354.00	377.05	408.70	436.96	460.02	489.10	524.93	546.35	573.69	595.92	56	
60	249.71	273.61	299.25	329.19	353.15	381.36	405.28	440.34	470.24	495.90	526.70	558.31	582.26	621.53	644.63	60	
64	265.92	291.61	318.08	348.85	375.36	404.42	442.01	478.79	505.32	530.95	562.60	595.09	619.86	651.47	677.12	64	
68	282.16	309.57	336.86	370.22	397.56	428.38	473.66	512.12	539.46	566.87	606.15	636.96	663.46	695.90	723.30	68	
72	297.58	327.51	355.74	384.80	412.98	446.30	498.50	540.36	568.55	609.62	638.63	671.13	700.21	732.67	760.95	72	
76	313.80	344.52	374.54	404.42	435.17	469.40	520.64	564.28	595.09	632.64	662.59	696.77	742.09	775.43	804.55	76	
80	331.75	363.39	395.02	427.52	460.02	496.75	544.63	591.68	623.26	666.02	698.55	734.40	776.31	813.07	845.51	80	
84	347.17	380.47	414.65	447.98	482.19	519.85	565.16	613.90	647.19	696.77	730.98	769.47	812.25	849.82	883.17	84	
88	363.39	398.48	433.51	468.58	503.56	554.06	590.79	640.37	675.44	727.61	761.74	801.98	846.38	885.78	919.92	88	
92	379.64	416.38	452.30	489.10	525.80	617.30	614.72	667.72	704.45	756.62	793.38	835.27	881.43	921.62	958.36	92	
96	395.87	433.51	471.09	508.70	548.04	590.79	639.52	695.07	732.67	787.45	825.05	867.77	915.67	971.24	1008.84	96	

How to order: Model, Width x Height

Example - 1530ZF 30x24



Stationary Louvers

1545ZC 1545ZF

- 1½" Fixed Louver
 - extruded aluminum construction
 - fixed Z blade louver
 - blades at 45° angle
 - 1½" louver depth
 - channel or flange frame
 - available with bird or insect screen option (page 59)
 - mill finish (MILL) standard

STATIONARY LOUVERS																	
HEIGHT	WIDTH																
		12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	
12	55.64	61.60	67.64	74.42	81.26	89.82	99.22	106.92	112.87	120.64	129.99	137.72	145.42	151.37	158.21	12	
16	70.16	78.73	85.55	94.11	103.49	112.06	123.17	132.53	141.13	148.81	159.12	168.47	178.70	187.26	196.66	16	
20	88.13	97.52	106.92	116.32	129.99	137.72	151.37	163.37	173.58	182.99	194.09	206.97	219.73	229.18	240.32	20	
24	104.38	116.32	127.42	139.42	149.69	165.09	181.27	195.80	206.97	217.16	235.16	253.12	266.79	277.91	290.70	24	
28	121.45	132.53	145.42	158.21	170.15	187.26	206.08	224.07	236.03	248.87	267.66	284.78	299.25	313.80	328.28	28	
32	136.81	151.37	165.90	179.61	194.09	214.67	240.32	256.52	271.03	287.31	304.41	324.07	341.12	357.38	374.54	32	
36	154.79	170.15	186.44	201.82	218.92	240.32	269.38	289.85	305.27	324.07	342.90	366.79	385.61	404.42	422.35	36	
40	169.32	187.26	205.22	221.43	241.15	263.38	292.45	314.65	334.34	354.00	372.79	399.29	419.83	441.19	460.84	40	
44	187.26	206.08	224.89	244.59	263.38	289.85	320.62	344.58	365.06	386.47	408.70	436.96	460.84	483.10	508.70	44	
48	203.52	224.89	245.37	266.79	287.31	316.37	348.85	376.24	399.29	419.83	445.49	477.96	502.73	526.70	552.28	48	
52	219.73	241.15	263.38	286.44	310.40	338.61	372.79	407.00	426.63	449.77	471.09	506.13	530.96	558.31	590.79	52	
56	236.03	259.92	284.78	308.68	332.56	365.97	401.00	431.78	455.76	480.49	507.01	541.18	569.43	597.60	627.55	56	
60	253.94	278.80	305.27	331.75	356.58	391.60	429.20	471.09	502.73	534.40	562.60	600.17	628.40	656.63	684.90	60	
64	269.38	295.88	323.21	359.70	377.05	414.65	465.09	498.50	527.54	572.81	596.79	636.96	666.02	693.36	721.55	64	
68	286.44	314.65	343.70	371.95	401.00	452.30	493.33	527.54	557.43	599.36	630.05	672.85	703.63	733.55	764.32	68	
72	299.25	329.19	362.78	393.28	435.17	483.92	524.93	559.16	595.09	625.84	658.33	702.76	736.12	769.47	801.98	72	
76	301.87	334.34	380.47	412.10	446.30	499.27	540.36	585.65	615.58	652.39	685.71	732.67	766.90	803.65	838.74	76	
80	309.57	343.70	390.75	425.78	465.09	517.27	559.99	609.62	651.47	684.90	719.83	771.13	807.97	848.12	883.97	80	
84	318.08	352.24	402.72	437.74	480.49	536.93	580.50	629.26	675.44	719.83	757.49	810.47	849.82	890.85	931.02	84	
88	324.07	360.81	412.10	447.98	492.47	543.77	591.68	657.47	696.77	738.68	784.86	838.74	874.65	919.08	961.80	88	
92	331.75	369.36	414.65	465.09	507.85	561.67	613.90	677.12	719.83	770.32	816.50	877.20	923.34	967.81	1008.84	92	
96	338.61	378.81	435.17	478.79	524.11	578.84	633.59	703.63	745.49	796.80	848.95	914.98	962.72	1007.99	1054.98	96	

How to order: Model, Width x Height

Example - 1545ZC 30x24



Stationary Louvers

245ZC 245ZF

- 2" Fixed Louver
 -extruded aluminum construction
 - fixed Z blade louver
 - blades at 45° angle
 - 2" louver depth
 - channel or flange frame
 - available with bird or insect screen option (page 59)
 - mill finish (MILL) standard

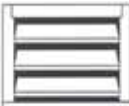
STATIONARY LOUVERS																
HEIGHT	WIDTH															
		12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
12	36.81	50.47	64.19	77.00	90.68	107.79	121.45	135.14	148.81	161.61	175.31	189.01	206.08	219.73	233.46	12
16	45.40	62.49	79.56	95.76	112.87	135.14	151.34	168.47	185.56	201.82	218.92	236.03	257.36	274.47	291.61	16
20	54.71	74.40	94.98	114.60	135.14	161.61	182.16	201.82	222.31	241.98	262.50	282.16	309.57	330.12	349.71	20
24	63.26	86.42	110.30	133.47	156.51	189.01	212.08	236.03	259.09	282.16	306.08	329.19	361.67	384.80	407.87	24
28	67.61	92.37	117.19	141.96	166.78	200.96	225.73	250.52	275.35	300.10	325.77	350.58	384.80	409.52	434.35	28
32	75.28	103.49	131.68	159.12	187.26	225.73	253.94	282.16	310.40	337.75	365.97	394.20	432.62	460.84	488.22	32
36	83.86	114.60	145.42	176.99	207.80	251.35	282.16	312.98	344.58	375.36	406.12	437.74	480.49	511.29	542.95	36
40	91.52	125.70	159.92	194.09	228.28	276.22	310.39	344.58	378.81	412.98	447.16	481.38	529.21	563.42	596.79	40
44	92.37	127.42	161.61	195.80	230.87	278.80	313.80	348.00	382.19	416.38	451.47	485.69	534.40	568.55	602.74	44
48	100.05	137.72	175.31	212.08	249.71	302.02	339.43	377.05	413.84	451.47	489.10	525.80	578.84	615.58	653.16	48
52	107.79	147.99	188.10	228.28	268.49	324.94	365.06	405.28	445.49	485.69	525.80	565.98	623.26	663.46	703.63	52
56	115.44	158.21	201.82	244.59	287.31	348.85	391.60	434.35	479.81	520.64	563.42	607.02	667.72	710.45	754.05	56
60	123.17	169.32	214.67	260.82	306.98	371.95	417.26	463.40	509.60	554.86	601.08	647.19	712.19	752.32	803.65	60
64	140.25	193.25	246.28	298.39	351.42	426.63	478.79	531.79	584.81	636.96	689.96	742.95	817.32	870.35	923.34	64
68	148.81	204.36	260.82	316.37	371.95	451.47	507.01	563.42	618.94	674.61	730.14	786.55	866.07	921.62	977.18	68
72	157.35	215.49	274.47	333.50	392.43	476.25	535.23	594.20	653.16	712.19	771.13	830.21	913.93	972.92	1031.91	72
76	160.79	221.43	281.34	342.01	401.00	488.22	548.04	592.47	667.72	749.80	788.22	848.95	934.48	995.10	1055.83	76
80	165.09	226.59	289.85	351.42	412.98	501.89	563.42	608.74	679.69	728.40	811.32	873.77	961.80	1024.25	1085.80	80
84	168.47	231.76	294.97	357.38	420.68	511.29	573.69	619.86	700.21	763.52	825.88	889.16	979.78	1042.15	1105.44	84
88	176.19	241.98	307.82	373.65	439.43	534.40	600.17	666.02	731.87	797.65	863.46	929.31	1024.25	1090.09	1155.86	88
92	183.86	252.28	321.53	389.89	459.11	557.43	625.84	695.07	763.52	832.70	901.10	970.37	1068.65	1137.03	1206.32	92
96	191.56	262.50	334.34	406.12	477.96	580.50	652.39	724.16	795.10	866.92	938.74	1010.52	1113.09	1253.06	1256.70	96

How to order: Model, Width x Height

Example - 245ZC 30x24

To order drainable blades, add 5% to the price and a suffix of "D" to the part number.

Example - 245ZCD 30 x 24



Stationary Louvers

445ZC 445ZF

- 4" Fixed Louver
 - extruded aluminum construction
 - fixed Z blade louver
 - blades at 45° angle
 - 2" louver depth
 - channel or flange frame
 - available with bird or insect screen option (page 59)
 - mill finish (MILL) standard

STATIONARY LOUVERS																
HEIGHT	WIDTH															
		12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
12	62.45	80.41	99.21	116.32	135.14	153.06	171.02	189.01	206.97	235.16	253.94	275.35	293.31	312.08	330.12	12
16	76.13	98.35	119.72	141.96	163.37	184.72	206.97	229.18	250.52	286.44	308.68	336.07	357.38	378.81	401.00	16
20	90.70	115.44	141.14	166.77	192.43	217.16	242.85	268.49	294.14	337.75	363.39	395.87	420.68	446.30	471.97	20
24	104.33	133.46	162.47	191.56	220.65	249.71	278.80	307.82	337.75	389.03	418.09	455.76	484.76	513.88	542.95	24
28	113.78	145.42	176.99	208.66	240.32	271.03	302.66	334.34	365.97	423.26	454.83	495.03	526.70	558.31	589.07	28
32	127.42	162.49	197.58	232.58	267.66	302.66	337.75	372.79	407.87	471.97	507.01	552.28	587.38	622.41	657.47	32
36	141.13	179.61	218.08	256.52	294.97	333.50	371.95	410.37	448.86	521.56	559.99	610.43	657.17	687.33	725.82	36
40	153.99	196.66	238.56	280.49	322.32	364.26	407.00	448.86	490.76	570.25	612.98	667.72	709.65	751.48	794.24	40
44	161.61	205.22	248.87	292.45	336.07	379.64	423.26	466.86	510.43	594.20	637.82	695.07	738.68	782.24	825.88	44
48	174.47	221.43	268.49	315.46	362.57	409.53	456.56	503.56	550.58	641.23	688.21	749.80	796.80	843.83	890.85	48
52	187.26	237.70	288.15	338.61	389.03	439.43	489.92	540.36	590.79	688.21	738.68	805.36	855.80	906.23	956.65	52
56	200.11	253.94	307.82	361.67	415.53	469.40	523.23	577.10	630.97	735.27	789.14	860.06	913.93	967.81	1021.63	56
60	212.89	270.21	327.51	384.80	442.01	499.27	555.74	612.98	670.26	782.24	839.51	915.67	972.92	1029.30	1086.64	60
64	235.16	298.20	361.67	424.94	488.22	551.47	614.72	678.00	741.26	865.21	928.47	1013.10	1076.36	1139.63	1202.89	64
68	247.96	314.65	382.19	448.86	515.54	582.26	648.92	716.46	783.16	914.78	981.46	1070.36	1137.03	1203.74	1270.44	68
72	261.67	331.75	401.82	472.80	542.95	613.90	683.94	754.05	825.05	963.57	1034.47	1127.65	1197.75	1268.69	1338.87	72
76	275.35	348.85	423.26	496.75	571.16	644.63	718.17	792.55	866.07	1013.10	1086.64	1184.94	1259.32	1332.79	1407.21	76
80	277.01	351.42	425.78	499.27	573.69	648.09	722.45	795.99	870.35	1018.26	1092.62	1190.92	1265.34	1338.87	1413.20	80
84	289.85	367.68	445.49	522.41	600.17	678.00	754.95	832.70	910.51	1065.28	1143.04	1245.63	1323.42	1401.21	1479.01	84
88	303.53	383.85	465.09	545.47	626.68	707.91	788.22	869.48	950.70	1112.29	1193.47	1301.18	1382.39	1462.77	1544.01	88
92	316.37	400.16	484.76	568.55	653.16	737.84	821.64	906.23	990.03	1159.27	1243.89	1355.93	1440.50	1525.17	1608.95	92
96	329.19	416.38	504.44	591.68	679.69	766.90	854.93	942.11	1030.20	1206.32	1294.35	1411.51	1498.71	1586.73	1673.95	96

How to order: Model, Width x Height

Example - 245ZC 30x24

To order drainable blades, add 5% to the price and a suffix of "D" to the part number.

Example - 245ZCD 30 x 24



Stationary Louvers

645ZC 645ZF

- 6" Fixed Louver
- extruded aluminum construction
- fixed Z blade louver
- blades at 45° angle
- 6" louver depth
- channel or flange frame
- available with bird or insect screen option (page 59)
- mill finish (MILL) standard

STATIONARY LOUVERS																
HEIGHT	WIDTH															
		12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
12	59.33	76.39	94.25	110.50	128.39	145.41	162.47	179.56	196.62	223.41	241.25	261.58	278.65	296.48	313.61	12
16	72.32	93.43	113.74	134.86	155.20	175.49	196.62	217.72	237.99	272.12	293.24	319.27	339.51	359.87	380.95	16
20	86.16	109.67	134.08	158.43	182.81	206.30	230.70	255.07	279.44	320.86	345.22	376.08	399.65	423.99	448.37	20
24	99.12	126.79	154.35	181.98	209.62	237.22	264.86	292.43	320.86	369.58	397.18	432.97	460.52	488.18	515.81	24
28	108.09	138.15	168.14	198.22	228.30	257.48	287.52	317.63	347.67	402.09	432.09	470.28	500.37	530.39	559.62	28
32	121.05	154.37	187.70	220.95	254.28	287.52	320.86	354.15	387.47	448.37	481.66	524.66	558.01	591.29	624.59	32
36	134.07	170.63	207.18	243.69	280.23	316.83	353.35	389.85	426.42	495.48	531.99	579.90	624.31	652.96	689.53	36
40	146.29	186.83	226.63	266.46	306.21	346.05	386.65	426.42	466.22	541.74	582.33	634.33	674.17	713.90	754.53	40
44	153.53	194.96	236.42	277.83	319.27	360.66	402.09	443.52	484.91	564.49	605.93	660.32	701.75	743.13	784.58	44
48	165.74	210.36	255.07	299.69	344.44	389.05	433.73	478.39	523.05	609.17	653.80	712.31	756.96	801.64	846.31	48
52	177.90	225.82	273.74	321.68	369.58	417.46	465.42	513.34	561.25	653.80	701.75	765.09	813.01	860.92	908.82	52
56	190.10	241.25	292.43	343.59	394.75	445.93	497.07	548.25	599.42	698.51	749.68	817.05	868.23	919.42	970.55	56
60	202.25	256.70	311.14	365.56	419.91	474.31	527.95	582.33	636.75	743.13	797.54	869.88	924.27	977.84	1032.31	60
64	223.41	283.29	343.59	403.69	463.81	523.90	583.98	644.10	704.19	821.95	882.05	962.45	1022.54	1082.65	1142.75	64
68	235.56	298.92	363.08	426.42	489.76	553.14	616.47	680.63	744.00	869.04	932.39	1016.85	1080.18	1143.56	1206.92	68
72	248.59	315.16	381.73	449.16	515.81	583.20	649.74	716.35	783.79	915.39	982.74	1071.27	1137.86	1205.25	1271.92	72
76	261.58	331.41	402.09	471.91	542.60	612.40	682.27	752.92	822.76	962.45	1032.31	1125.70	1196.35	1266.15	1336.85	76
80	263.16	333.84	404.49	474.31	545.00	615.68	686.33	756.19	826.83	967.35	1037.98	1131.37	1202.07	1271.92	1342.54	80
84	275.36	349.30	423.22	496.29	570.16	644.10	717.20	791.06	864.99	1012.01	1085.88	1183.35	1257.25	1331.15	1405.06	84
88	288.36	364.66	441.84	518.20	595.34	672.51	748.81	826.01	903.16	1056.68	1133.79	1236.12	1313.27	1389.63	1466.81	88
92	300.55	380.15	460.52	540.12	620.51	700.95	780.56	860.92	940.53	1101.30	1181.69	1288.13	1368.48	1448.91	1528.50	92
96	312.73	395.56	479.22	562.10	645.71	728.55	812.19	895.00	978.69	1146.00	1229.64	1340.94	1423.77	1507.40	1590.25	96

How to order: Model, Width x Height

Example - 645ZC 30 x 24

To order drainable blades, add 5% to the price and a suffix of "D" to the part number.

Example - 645ZCD 30 x 24



Adjustable Louvers

4ABC

- extruded aluminum construction
- adjustable baffle blades on 4" centers
- channel frame
- minimum 12" x 12"
- maximum one-piece size 48" W x 72" H
- available with bird or insect screen option (page 59)
- mill finish (MILL) standard

ADJUSTABLE LOUVERS																
HEIGHT	WIDTH															
		12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
12	86.40	112.06	138.55	165.09	191.56	217.16	243.69	312.08	338.61	365.06	390.75	417.26	443.73	470.24	495.90	12
16	105.23	136.81	167.62	199.24	230.02	261.67	292.45	377.05	408.70	439.43	471.09	501.89	532.66	564.28	595.09	16
20	109.52	160.79	196.66	232.58	268.49	304.41	341.12	442.01	477.96	513.88	550.58	586.54	622.41	658.33	694.23	20
24	143.69	184.72	225.73	265.92	306.98	348.00	389.03	507.01	548.04	589.07	629.26	670.26	711.35	752.35	793.38	24
28	157.35	201.82	246.28	289.85	333.50	377.89	421.49	552.28	595.92	640.37	683.96	728.40	772.87	816.50	860.96	28
32	176.19	224.89	273.61	322.32	370.22	419.83	468.58	614.72	663.46	712.19	760.95	809.63	858.34	907.11	955.84	32
36	194.09	247.12	300.10	354.00	407.87	460.84	513.88	676.29	730.14	783.98	836.95	890.01	943.85	996.85	1050.69	36
40	211.22	269.38	327.51	385.61	443.73	501.89	559.99	738.68	796.80	854.93	913.08	971.24	1029.30	1087.47	1145.62	40
44	222.31	282.16	342.90	402.72	463.40	524.11	583.92	772.08	832.70	892.54	953.24	1013.10	1073.84	1134.53	1194.33	44
48	238.56	314.72	368.54	433.51	498.50	563.42	628.40	831.88	896.79	960.94	1025.92	1090.92	1155.86	1220.86	1285.78	48
52	255.69	324.94	394.20	464.25	533.52	602.74	672.03	890.85	960.13	1030.15	1098.57	1168.70	1237.95	1307.17	1376.45	52
56	272.77	346.31	420.68	494.20	567.68	642.08	715.58	949.87	1024.25	1097.74	1172.13	1245.63	1319.18	1393.54	1467.07	56
60	289.01	367.68	445.49	524.11	602.74	680.57	759.20	957.56	1087.47	1166.11	1243.89	1322.61	1401.21	1479.01	1557.69	60
64	315.46	401.85	488.22	574.55	660.89	746.41	832.70	1108.05	1193.47	1279.82	1366.15	1452.44	1538.90	1624.33	1710.70	64
68	332.56	423.26	513.88	605.35	695.90	786.55	878.02	1168.70	1259.32	1349.90	1441.44	1532.03	1622.65	1713.24	1804.74	68
72	348.85	444.61	540.36	636.09	730.98	826.70	922.45	1229.41	1325.13	1420.04	1515.77	1611.51	1707.29	1802.19	1897.89	72
76	365.97	465.98	565.98	666.02	766.90	866.92	966.96	1290.11	1390.12	1490.14	1591.01	1691.01	1791.05	1891.09	1991.95	76
80	369.36	470.24	571.16	672.03	772.87	873.77	974.62	1301.23	1402.94	1503.77	1604.66	1705.56	1806.49	1907.32	2008.17	80
84	384.80	490.76	595.92	701.10	806.21	912.22	1017.34	1360.22	1465.30	1571.32	1676.50	1781.64	1886.77	1992.82	2097.94	84
88	400.16	510.43	621.53	730.14	840.45	949.87	1060.10	1418.30	1527.71	1638.03	1748.33	1857.72	1968.01	2077.40	2187.74	88
92	416.38	533.52	644.63	759.20	873.77	988.33	1102.03	1476.46	1590.20	1704.68	1819.31	1933.79	2048.35	2162.03	2276.66	92
96	430.89	549.78	668.56	788.22	907.11	1025.92	1144.71	1533.71	1652.60	1771.35	1890.24	2009.05	2127.88	2246.75	2366.36	96

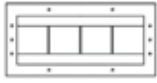
How to order: Model, Width x Height

Example - 4ABC 30 x 24

WBS / WLS See pg 59

To order drainable blades, add 5% to the price and a suffix of "D" to the part number

Example: 4ABCD 30 x 24



DL Drum Louver

- aluminum construction
- adjustable drum and vane
- white (W) or mill (MILL) finish standard
- order H x W

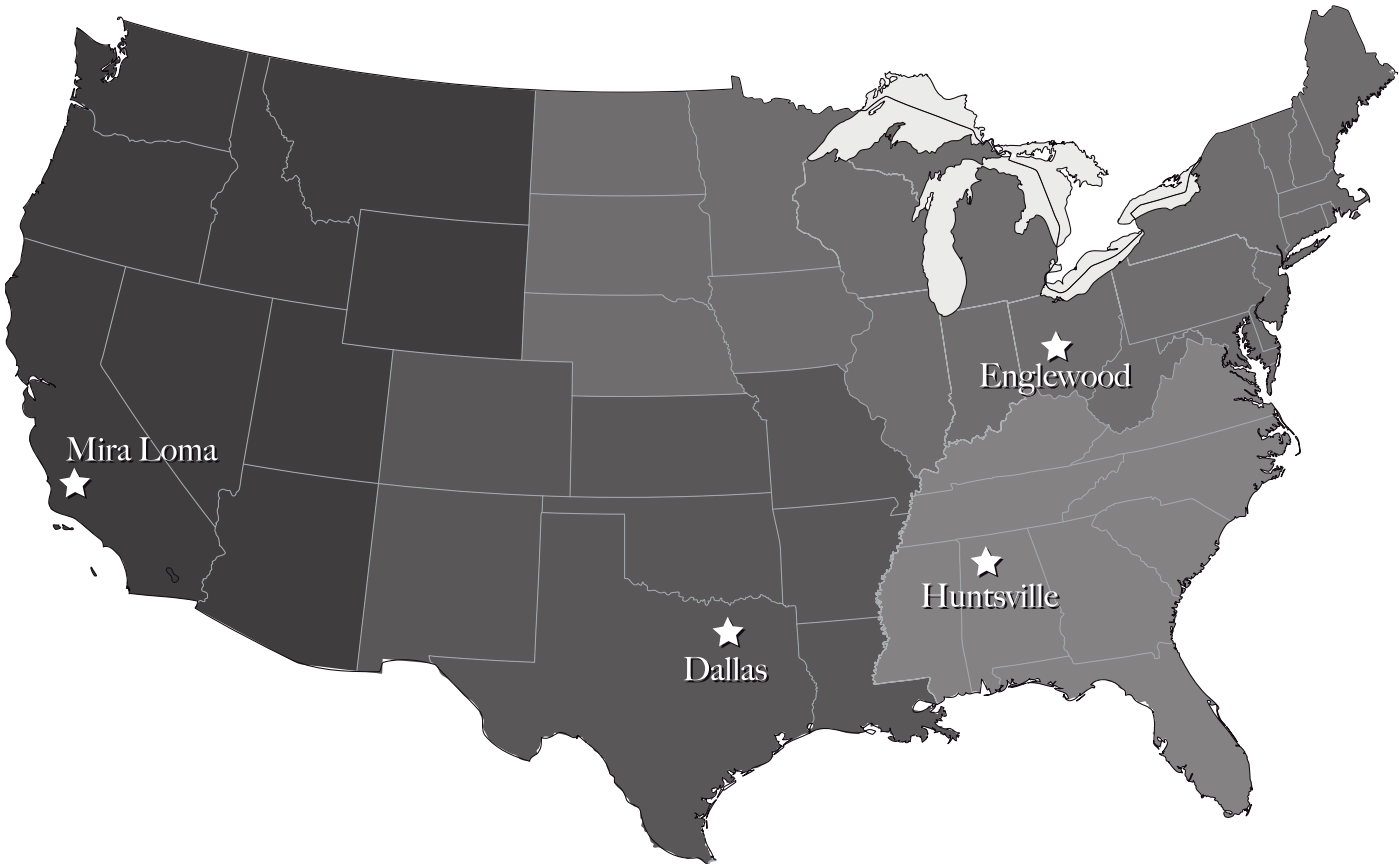
MODEL	SIZE	PCS/ CASE	PRICE EACH
DL DRUM LOUVER			
DL	6 x 9	1	56.58
DL	6 x 12	1	71.25
DL	6 x 18	1	81.06
DL	6 x 24	1	87.88
DL	6 x 30	1	93.01
DL	6 x 36	1	98.81
DL	6 x 48	1	120.65
DL	6 x 60	1	140.88
DL	10 x 60	1	150.01
DL	10 x 70	1	167.96
DL	10 x 20	1	91.16
DL	10 x 25	1	99.47
DL	10 x 30	1	109.60
DL	10 x 35	1	116.06
DL	10 x 40	1	122.48

MODEL	SIZE	PCS/ CASE	PRICE EACH
DL DRUM LOUVER			
DL	10 x 50	1	139.09
DL	12 x 20	1	111.38
DL	12 x 30	1	142.78
DL	12 x 40	1	162.08
DL	12 x 50	1	182.33
DL	12 x 60	1	196.71
DL	12 x 70	1	221.95
DL	15 x 15	1	127.52
DL	15 x 20	1	143.73
DL	15 x 25	1	161.68
DL	15 x 30	1	185.09
DL	15 x 40	1	206.62
DL	15 x 50	1	240.39
DL	15 x 60	1	268.95
DL	15 x 70	1	298.43

How to order with a galvanized OBD damper: DL OBD Height x Width
Add 40% list

Note: Listed size does not equal duct opening size. Refer to submittal drawing.
Listed sizes only.

DISTRIBUTION MAP



Distribution Centers: E = Englewood OH, M = Mira Loma CA, D = Dallas TX, H = Huntsville AL



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