

■ Note: When specifying/ordering grates, refer to "Choosing the Proper Inlet Grate" on pages 125-126.
For a complete listing of FREE OPEN AREAS and WEIR PERIMETERS of all NEENAH grates, refer to pages 327-332.

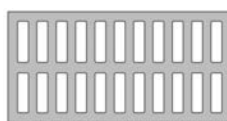
R-4400 to R-4899 Series Square and Rectangular Drainage Grates

The gratings in this series are rated heavy duty when supported on all four sides.

Other special sizes quoted on request in the event none of the standards shown in this series meet your requirements. In ordering replacement grates to be used on existing catch basins, be sure to specify the exact size of opening in which the grate will be used.

Many of the grates in this series can be adapted to trench frames with support on two sides. Most are qualified as heavy duty when the short dimension spans the trench.

Advise loading requirements so we can assist you with your choice.



Type A



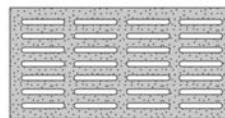
Type B



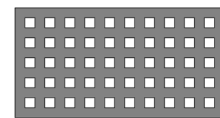
Type C



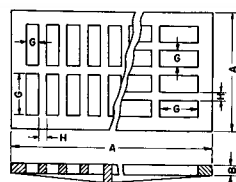
Type S



Type Q



Type H



Catalog No.	Dimensions in inches				Type
	A	B	G	H	
Square - Heavy Duty					
R-4400-A *	8 x 8	1	1 x 5 1/4	1	A
R-4401 *	8 x 8	1	3/8 x 3	3/8	A
R-4408 *	10 1/4 x 10 1/4	1	7/8 x 8 1/4	1	B
R-4441-1 *	12 x 12	1	3/8 x 4 1/2	1	Q
R-4511 *	14 x 14	1 1/2	1 1/2 x 5 1/8	1 1/8	A
R-4550 *	15 x 15	1 1/4	3 1/2 x 3 1/2	3/4	H
R-4552 *	16 x 16	1 3/4	1 1/4 x 6 1/4	1 1/4	A
R-4557 *	16 x 16	1 1/4	1 3/16 x 3 3/8	3/4	A
R-4558 *	17 5/8 x 17 5/8	1 1/4	1 x 5	1/2	C
R-4660 *	18 x 18	1 1/2	3 x 4 1/2	1 1/4	C
R-4662	19 3/4 x 19 3/4	2 1/2	1 3/8 x 8 1/2	1	A
R-4720 *	20 x 20	1 3/4	1 3/8 x 3 1/2	1 1/4	C
R-4721-A *	21 x 21	1 3/4	1 1/2 x 8	1 1/4	A
R-4725 *	21 x 21	2	3 x 3	1	H
R-4760 *	22 x 22	1 3/4	3 x 5 1/2	1	C
R-4765	23 x 23	2	1 x 6 1/2	1	A
R-4808-A *	24 x 24	2	1/2 x 4 1/2	1 5/8	Q
R-4810 * +	24 x 24	2	1 3/4 x 6	1 1/4	C
R-4820 * ¥	24 x 24	2	1 3/4 x 5 7/8	1 3/8	C
R-4826 **	24 x 24	2	1 x 6	1 1/4	A
R-4832 *	24 x 24	1 5/8	1 1/16 x 4 3/4	1	C
R-4832-B *	26 x 26	1 3/4	1 1/16 x 4	1	C
R-4833 *	26 x 26	2	2 x 7	1	A
R-4836	26 x 26	2	1 1/8 x 4 3/4	1 1/4	C
R-4850 *	27 x 27	2	2 1/2 x 7 1/2	1	C
R-4852 *	27 x 27	2	1 1/2 x 5	1	C
R-4852-A *	27 x 27	1	1 1/2 x 5	1	C
R-4859-C * ₧	27 x 27	1	2 x 7	1	A
R-4859-Q * ₧	27 1/2 x 27 1/2	1	3/8 x 7	1 1/8	Q
R-4859-S * ₧	27 1/2 x 27 1/2	1	1 1/2 x 4 3/4	1	S
R-4871 * § ₧	27 1/2 x 27 1/2	1	2 x 24	1	B
R-4880 *	28 x 28	2	1 1/2 x 7 1/4	1	C
R-4880-C *	30 x 30	1 1/2	1 1/4 x 5 7/8	1 1/4	C
R-4882 * •	34 x 34	2	2 x 14 1/2	1 1/8	A
R-4882-A * •	34 x 34	2	1 x 9	1 1/8	A
R-4884-A * **	36 x 36	1 3/4	2 x 4	1 3/8	C

Catalog No.	Dimensions in inches				Type
	A	B	G	H	
Rectangular - Heavy Duty					
R-4389-0	6 x 12	1 1/4	3/4 x 4	1	B
R-4390	6 x 24	1	3/4 x 4 1/2	1	B
R-4403	8 x 14	1	1 1/2 x 5 7/8	1/2	A
R-4404-C	8 x 24	1	1 1/16 x 6	1	B
R-4406	8 x 24	1 3/4	1 5/16 x 2 5/8	1	B
R-4406-1	8 x 24	1 3/4	1 x 5	3/4	A
R-4406-2	8 x 24	1 3/4	1 x 2	1	C
R-4406-C	9 1/4 x 23 7/8	1	1 x 2 7/8	1	A
R-4406-P	9 x 23 7/8	1 1/2	1/4 x 2 5/16	1	P
R-4407-2A	9 1/2 x 24	1 3/4	1 x 7 1/2	1	B
R-4409	10 x 17 3/4	1 1/2	1 x 3 1/2	1	A
R-4409-A	10 x 24	1 3/4	1 1/4 x 4 3/4	1	C
R-4409-C *	10 x 24	1 3/4	1 x 7	1	B
R-4409-E *	10 x 24	1 3/4	1 x 3 1/2	1	A
R-4409-G	10 x 24	1 1/2	2 x 8	1	B
R-4421 *	10 x 40	1 1/8	1 1/4 x 8 1/2	1	C
R-4423-A	10 1/4 x 48	1 5/8	1 1/2 x 3 1/2	1	A
R-4424	10 1/2 x 23 1/8	1 3/4	2 x 2	1	H
R-4430-1	11 x 23 7/8	1 1/8	1/4 x 3 5/16	1	P
R-4430-A	11 x 24	1 1/2	3/4 x 4 1/8	3/4	A
R-4430-B	11 1/2 x 24	1 1/2	1 x 6 5/8	1	C
R-4435-1	11 7/8 x 14	2	1 x 5 1/2	1	C
R-4443	12 x 14	1 3/4	1 1/2 x 5 1/4	1 1/4	A
R-4449 *	12 x 24	1 1/2	1 1/2 x 4 1/4	1	A
R-4450 *	12 x 24	1 3/4	1 x 4 1/2	1	A
R-4450-A *	12 x 24	1 3/4	2 x 2	1	H
R-4451 *	12 x 24	2	1 1/2 x 3 3/4	1	C
R-4454	12 x 26	1 1/2	1/2 x 11 1/2	1/2	C
R-4460 *	12 x 30	2	1 1/4 x 4	1	A
R-4462 *	12 x 35 3/4	1 1/2	3/4 x 9	1	B
R-4470 *	12 x 48	1 3/4	1 x 4 1/2	1	A
R-4523	14 x 23 7/8	1	1 1/16 x 5 1/2	1	A
R-4525 *	14 x 24	2	1 x 5 1/2	1	A
R-4530	14 1/2 x 22	2	1 1/2 x 5 1/2	1 1/4	A
R-4780-A **	22 x 44	1 3/4	3 x 5 1/2	1 1/16	C
R-4766 *	21 x 28 3/4	2 1/2	1 x 17	1 1/8	B

* Angle frame available.

** Grate in two pieces.

*** Grate in three pieces.

§ Grate lettered "DUMP NO WASTE - DRAINS TO RIVER".

+ Available with Riverwalk Style grate.

• Light Duty.

¥ Convex.

≠ Meets traffic load called for in AA-6005 of 25,000# proof load.

FREE OPEN AREAS OF NEENAH GRATES (Continued)

CATALOG NUMBER	GRATE TYPE	SQ. FT. OPEN	WEIR PERIMETER LINEAL FEET	CATALOG NUMBER	GRATE TYPE	SQ. FT. OPEN	WEIR PERIMETER LINEAL FEET	CATALOG NUMBER	GRATE TYPE	SQ. FT. OPEN	WEIR PERIMETER LINEAL FEET	CATALOG NUMBER	GRATE TYPE	SQ. FT. OPEN	WEIR PERIMETER LINEAL FEET
R-4385-G	E	1.0	5.8	R-4585	A	1.9	9.1	R-4825-A	A	2.1	9.0	R-4977-1	B	1.5	4.0
R-4385-H	G	1.6	7.6	R-4586	A	1.5	8.6	R-4825-B	C	2.0	9.0	R-4977-2	A	2.0	5.0
R-4385-J	G	2.5	8.6	R-4600	A	0.9	6.5	R-4826	A	1.3	8.0	R-4977-2	B	2.0	5.0
R-4385-K	G	2.7	9.4	R-4603-A	A	0.8	6.7	R-4828	A	1.9	9.5	R-4977-3	A	3.7	10.0
R-4389-O	B	0.2	3.0	R-4604	C	1.3	6.7	R-4829	C	2.2	9.5	R-4977-3	B	3.7	10.0
R-4390	B	0.3	5.0	R-4604-C	A	0.7	6.7	R-4832	C	1.5	8.0	R-4977-4	A	5.3	12.0
R-4400-A	A	0.1	2.7	R-4604-D	A	1.5	6.7	R-4832-B	C	1.8	8.7	R-4977-4	B	5.3	12.0
R-4401	A	0.1	2.7	R-4608	A	0.8	6.0	R-4833	A	2.3	8.7	R-4977-5	A	8.0	15.0
R-4403	A	0.3	3.7	R-4610	A	1.0	6.4	R-4837	A	2.2	9.8	R-4977-5	B	8.0	15.0
R-4404-C	B	0.5	5.3	R-4620	A	0.8	6.0	R-4839	A	2.1	9.9	R-4990-AA	A	0.2 •	2.0
R-4406	B	0.5	5.3	R-4630	C	0.9	6.2	R-4840	C	2.8	10.0	R-4990-AX	A	0.2 •	2.0
R-4406-C	A	0.4	5.5	R-4632	C	1.1	6.3	R-4843	A	2.6	10.0		C	0.3 •	2.0
R-4406-P	P	0.1	5.5	R-4640	A	1.3	6.4	R-4850	C	2.7	9.0		P	0.1 •	2.0
R-4406-1	A	0.5	5.3	R-4641	A	1.1	6.8	R-4852	C	2.0	9.0	R-4990-BA	A	0.3 •	2.0
R-4406-2	C	0.6	5.3	R-4641-A	A	1.2	6.8	R-4852-A	Q	1.8	9.0	R-4990-BX	A	0.3 •	2.0
R-4407-2A	B	0.6	5.6	R-4641-C	C	1.1	6.8	R-4853	A	2.5	10.5		C	0.3 •	2.0
R-4408	B	0.3	3.4	R-4641-F	A	1.8	8.5	R-4853-A	A	3.1	11.5		P	0.1 •	2.0
R-4409	A	0.4	4.6	R-4649	A	1.1	6.9	R-4853-B1	C	3.3	12.5	R-4990-CA	A	0.4 •	2.0
R-4409-A	C	0.7	5.7	R-4652	A	1.5	7.9	R-4855	A	2.0	9.3	R-4990-CX	A	0.4 •	2.0
R-4409-C	B	0.5	5.7	R-4660	C	1.1	6.0	R-4856	C	3.1	9.7		C	0.4 •	2.0
R-4409-E	A	0.5	5.7	R-4662	A	1.3	6.6	R-4857	A	3.1	12.3		P	0.1 •	2.0
R-4409-G	B	0.8	5.7	R-4670-A	A	1.1	7.0	R-4859-C	A	2.4	9.1		Q	0.1 •	2.0
R-4421	C	1.0	8.3	R-4671	A	1.1	7.0	R-4859-C	C	2.3	9.1	R-4990-DA	A	0.4 •	2.0
R-4423-A	A	1.2	9.7	R-4672	C	1.1	7.0	R-4859-Q	Q	0.9	9.1		C	0.4 •	2.0
R-4424	H	0.6	5.6	R-4689	C	1.4	7.5	R-4859-S	S	2.0	9.1	R-4990-DX	A	0.4 •	2.0
R-4430-1	P	0.2	5.8	R-4692-A	D	2.0	8.7	R-4871	B	2.7	9.2		C	0.5 •	2.0
R-4430-A	A	0.6	6.0	R-4698	A	1.7	9.0	R-4880	C	2.5	9.3		P	0.2 •	2.0
R-4430-B	C	0.7	5.9	R-4710	C	1.5	9.0	R-4880-C	C	2.2	10.0		Q	0.2 •	2.0
R-4435-1	C	0.8	4.3	R-4711	C	1.1	9.5	R-4882	A	4.0	11.3	R-4990-EA	A	0.5 •	2.0
R-4441-1	Q	0.2	4.0	R-4718	A	2.7	9.3	R-4882-A	A	2.8	11.3	R-4990-EX	A	0.6 •	2.0
R-4443	A	0.4	4.3	R-4720	C	0.9	6.7	R-4884-A	C	3.3	6.0		C	0.5 •	2.0
R-4449	A	0.8	6.0	R-4721-A	A	1.2	7.0	R-4890	C	3.4	10.8		P	0.2 •	2.0
R-4450	A	0.8	6.0	R-4725	H	1.6	7.0	R-4891	A	3.5	13.0	R-4990-FA	A	0.6 •	2.0
R-4450-A	A	0.6	6.0	R-4730	A	2.0	8.6	R-4893	C	6.0	18.0	R-4990-FX	A	0.7 •	2.0
R-4451	C	0.7	6.0	R-4731	A	2.5	9.8	R-4893-B	C	1.9	11.0		C	0.8 •	2.0
R-4454	C	0.9	6.3	R-4732	A	2.0	9.8	R-4894	C	3.3	11.5		P	0.5 •	2.0
R-4460	A	0.8	7.0	R-4735	A	1.2	7.3	R-4895-2	A	6.6	17.0	R-4990-GX	A	0.8 •	2.0
R-4462	B	0.9	7.8	R-4736	C	1.1	7.3	R-4937-A	B	0.2	2.7		C	0.7 •	2.0
R-4470	A	1.5	10.0	R-4738	A	1.1	7.3	R-4937-B	G	0.1	2.2	R-4990-HA	A	0.9 •	2.0
R-4511	A	0.5	4.7	R-4739	C	1.3	7.3	R-4937-C1	H	0.2	4.0	R-4990-HX	A	0.9 •	2.0
R-4523	A	0.9	6.3	R-4740	C	2.1	8.0	R-4937-C2	H	0.2	4.0		C	0.9 •	2.0
R-4525	A	0.8	6.3	R-4750	C	2.4	8.3	R-4937-C3	H	0.2	4.0		Q	0.5 •	2.0
R-4530	A	0.8	6.1	R-4750-1	A	2.8	11.3	R-4938	A	0.8	6.9	R-4990-JX	A	1.0 •	2.0
R-4531	A	0.8	6.4	R-4751	C	1.9	7.9	R-4938-B	A	0.2	3.2		C	1.1 •	2.0
R-4540	C	1.0	6.8	R-4752	C	2.3	9.4	R-4941-A	B	0.4	4.7	R-4990-KA2	A	0.5 •	2.0
R-4541	A	1.0	7.1	R-4755-B	A	2.8	10.5	R-4941-B	B	0.4	4.7	R-4990-KX	A	1.2 •	2.0
R-4544	A	1.8	8.7	R-4755-C	C	2.9	10.5	R-4942-A	A	0.7	6.5		C	0.9 •	2.0
R-4545	A	1.8	10.4	R-4759	C	1.5	7.5	R-4943	K	0.3	5.4	R-4990-LX	A	1.2 •	2.0
R-4548	H	1.0	5.9	R-4760	C	1.7	7.3	R-4943-A	K	0.3	5.4		C	1.2 •	2.0
R-4550	H	0.8	5.0	R-4762	C	2.4	8.7	R-4943-B	K	0.3	5.4	R-4990-MX	A	1.4 •	2.0
R-4552	A	0.6	5.3	R-4765	A	1.4	7.7	R-4976-1	A	0.9	3.1		C	1.2 •	2.0
R-4557	A	0.8	5.3	R-4780	C	3.1	9.8	R-4976-1	B	0.9	3.1	R-4990-NX	A	1.4 •	2.0
R-4558	C	1.1	5.9	R-4781	C	3.0	11.7	R-4976-2	A	1.5	4.2		C	1.6 •	2.0
R-4570-1	A	0.9	6.3	R-4795	A	3.2	11.3	R-4976-2	B	1.5	4.2	R-4990-OA	A	1.3 •	2.0
R-4570-2	A	0.9	6.5	R-4798	C	2.4	9.9	R-4976-3	A	2.5	5.2	R-4990-OX	A	1.6 •	2.0
R-4573	A	1.1	7.5	R-4808-A	Q	0.8	8.0	R-4976-3	B	2.5	5.2		C	NA •	2.0
R-4575-A	A	1.7	8.5	R-4810	C	1.5	8.0	R-4976-4	A	3.7	6.3	R-4993-AB	A	0.2	2.0
R-4579	A	0.8	6.4	R-4820	C	1.5	8.0	R-4976-4	B	3.7	6.3		C	0.3	2.0
R-4583	A	0.9	6.3	R-4821-A	C	1.7	8.3	R-4976-5	B	5.2	8.1		P	0.1	2.0
R-4584	A	1.3	4.3	R-4825	C	1.8	9.0	R-4977-1	A	1.5	4.0	R-4993-AAB	A	0.2	2.0

• NOTE: On catalog #'s R-4990-AA thru R-4999-L9, SQ.FT. OPEN and WEIR PERIMETER are per lineal foot. Type K indicates "Special" grate style and is not among standard types illustrated.
 ** Roll-type or mountable curb