



Ceiling Cassette 18, 24, 36 and 42,000 BTU Systems

SYSTEMS 18RCLX, 24RCLX, 36RCLX, 42RCLX

Function

These models offer the ability to send up to 50% of their capacity through two branch ducts to adjacent rooms. Slender fit feature now offered on all models decreases space required above the ceiling increasing application opportunities.

Applications

Four-way airflow, concealed flush mount design and the ability to operate in high ceiling rooms makes these systems ideal for commercial applications such as offices, conference rooms, restaurants, night clubs and bars in retrofit and new construction. Long maximum combined piping lengths of 165 to 230 feet with 60 to 98 feet of height, depending on model, allow the outdoor unit to be remotely located up to 7 stories away and far from indoor unit. The ceiling cassettes are also used in new construction condominiums and homes taking advantage of their branch duct capability to feed adjacent rooms. These heat pumps provide up to 30% additional available heat when compared to conventional models.



Up to 16-SEER

Wired Controller

- Weekly timer
- Set on-off time twice a day
- Set different on-off time by day
- Set time in 5 minute intervals
- Control up to 16 indoor units



Standard Features

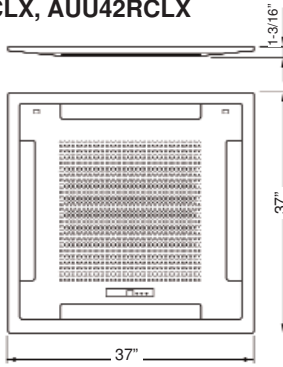
- Weekly Timer
- Dry Mode
- Auto Louver: Up/ Down
- Auto Restart/Reset
- Auto Changeover
- Pump Down Operation
- Child Lock Capable
- Controls Up To 16 Systems
- Full Function Wired Remote
- Remote Controller Sensor
- Energy Saver
- Cold Prevention
- Slender Fit
- High Ceiling Mode
- Branch Duct Capable
- Low Ambient
- Auto Mode



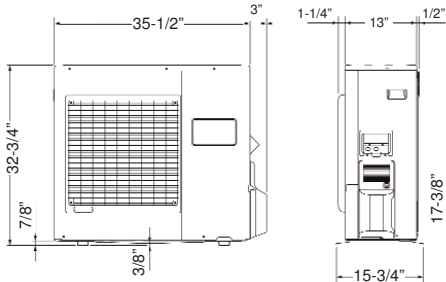
THE POSSIBILITIES ARE INFINITE

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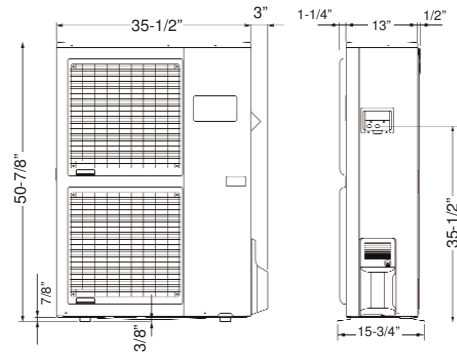
INDOOR UNIT AUU18RCLX, AUU24RCLX, AUU36RCLX, AUU42RCLX



OUTDOOR UNIT AOU18RCLX, AOU24RCLX, AOU36RCLX



OUTDOOR UNIT AOU42RCLX



Please Note: Due to the use of inverter, system is now 208-230 single phase.

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	18RCLX	24RCLX	36RCLX	42RCLX
	Heat Pump	Heat Pump	Heat Pump	Heat Pump
Nominal Cooling BTU/h	17,800	22,200	34,100	42,700
Min.~Max. Cooling BTU/h	5,000~21,500	5,000~27,300	8,500~36,000	13,700~45,000
Nominal Heating BTU/h	21,000	24,200	36,000	45,200
Min.~Max. Heating BTU/h	5,000~25,600	5,000~29,000	9,200~42,700	14,300~54,600
HSPF BTU/hW	8.5	8.5	8.5	8.5
SEER BTU/hW	16.0	15.0	14.0	15.0
EER Clg/Htg	11.1 / 10.2	10.6 / 10.2	8.1 / 9.7	9.2 / 10.5
Clg. Operating Range °F(°C)	0~115 (-18~46)	0~115 (-18~46)	0~115 (-18~46)	0~115 (-18~46)
Htg. Operating Range °F(°C)	14~75 (-10~24)	14~75 (-10~24)	14~75 (-10~24)	0~75 (-18~24)
Moisture Removal Pt./h(l/h)	5.3 (2.5)	6.4 (3.0)	8.5 (4.0)	11.6 (5.5)
Voltage/Frequency/Phase	208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Recommended Fuse Size (A)	20	20	30	30
Air Circ. C.F.M. (m³/h): Hi	559 (950)	618 (1,050)	942 (1,600)	1,000 (1,700)
Medium	477 (810)	536 (910)	824 (1,400)	854 (1,450)
Low	394 (670)	436 (740)	677 (1,150)	736 (1,250)
Noise Level dB(A): Hi	42/40 (Clg/Htg)	45/43 (Clg/Htg)	48/48 (Clg/Htg)	50/50 (Clg/Htg)
Medium	39/38 (Clg/Htg)	43/39 (Clg/Htg)	45/45 (Clg/Htg)	48/48 (Clg/Htg)
Low	36/36 (Clg/Htg)	38/35 (Clg/Htg)	41/41 (Clg/Htg)	44/44 (Clg/Htg)
Outdoor Fan Speed RPM	780/780	850/900	850/900	850/750
Outdoor Noise Level dB(A)	51/53 (Clg/Htg)	53/55 (Clg/Htg)	54/55 (Clg/Htg)	55/56 (Clg/Htg)
Current Rated/Max (A): Cooling	7.0/12.5	9.2/12.5	18.3/18.8	20.3/21.7
Heating	8.9/12.5	10.4/12.5	16.1/18.8	18.8/21.7
Power Use Rated/Max (kw): Clg	1.61/2.88	2.10/2.88	4.22/4.35	4.66/4.99
Heating	2.05/2.88	2.37/2.88	3.70/4.35	4.31/4.99
Fan Speeds Stage	3 + Auto	3 + Auto	3 + Auto	3 + Auto
Air Direction: Horizontal	-	-	-	-
Vertical	Automatic	Automatic	Automatic	Automatic
Air Filter	Washable	Washable	Washable	Washable
Front Grille	Removable	Removable	Removable	Removable
Connection Method	Flare	Flare	Flare	Flare
Combined Max. Lgth Ft (m)	165 (50) Each	165 (50) Each	165 (50) Each	230 (70) Each
Max. Vertical Diff. Ft (m)	65/20	65/20	98/30	98/30
Conn. Pipe Diameter Inch	Suc. 1/2 Dis. 1/4	Suc. 5/8 Dis. 3/8	Suc. 5/8 Dis. 3/8	Suc. 5/8 Dis. 3/8
Net Weight lbs. (kg)	75 (34) 141 (64)	75 (34) 141 (64)	82 (37) 141 (64)	88 (40) 231 (105)
Dimensions: Height Inch	9-3/4 32-3/4	9-3/4 32-3/4	11-5/8 32-3/4	11-5/8 50-7/8
mm	246 830	246 830	296 830	296 1290
Width Inch	32-3/4 35-1/2	32-3/4 35-1/2	32-3/4 35-1/2	32-3/4 35-1/2
mm	830 900	830 900	830 900	830 900
Depth Inch	32-3/4 13	32-3/4 13	32-3/4 13	32-3/4 13
mm	830 330	830 330	830 330	830 330
Refrigerant	R410A	R410A	R410A	R410A
	Indoor AUU18RCLX Outdoor AOU18RCLX	Indoor AUU24RCLX Outdoor AOU24RCLX	Indoor AUU36RCLX Outdoor AOU36RCLX	Indoor AUU42RCLX Outdoor AOU42RCLX

FOR MORE INFORMATION:

Note: Figures are based on 230 Volts.



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