

4-Way Cassette Heat Pumps



heating & cooling solutions

E12RB4U / E18RB4U

Indoor Unit
CS-E12RB4UW*
CS-E18RB4UW*

*Grille not included.
 Sold separately.

Grille Assembly
CZ-BT20U
 (Order separately)



Wireless Controller (Included)

Wired Controller with 32 ft cable CZ-RD52CU (Optional)



Outdoor Unit
CU-E12RB4U

Outdoor Unit
CU-E18RB4U



Pipe diameters listed below are for single zone only. Multi zone pipe diameters on page 45.

4-Way Cassette 24" x 24"			Heat Pumps			
Model No.	E12RB4U		E18RB4U			
Unit Model No.	Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit		
Grille Assembly	CS-E12RB4UW	CU-E12RB4U	CS-E18RB4UW	CU-E18RB4U		
			CZ-BT20U			
Performance & Electrical Ratings						
Capacity	Cooling	11,900 (4,100-13,100)		17,500 (4,400-18,700)		
	Heating	13,600 (4,100-16,300)		20,400 (4,400-21,000)		
Moisture Removal	High	4		6.1		
Dry Air Flow	Heating / Cooling	390 / 370		495 / 450		
SEER	Cooling	18		17.5		
EER	Cooling	10.3		10.25		
HSPF	Heating	9		8.5		
Power Supply	V, Phase, Hz	208/230V, Single phase, 60Hz		208/230V, Single phase, 60Hz		
Running Amps	Cooling	6 (1.25-6.3)		9.1 (1.2-8.3)		
	Heating	6.9 (1.25-7.3)		12.5 (1.3-10.5)		
Power Input	Cooling	1,150 (250-1,320)		1,700 (250-1,850)		
	Heating	1,360 (230-1,710)		2,340 (270-2,500)		
Fuse or Circuit Breaker Capacity	A	15		25		
Features						
Controls	Microprocessor		Microprocessor			
Low Ambient Control (for Cooling)	Equipped		Equipped			
Wireless Remote Controller	Included		Included			
Wired Remote Controller (optional)	CZ-RD52CU		CZ-RD52CU			
Fan Speeds	Hi/Me/Lo & Auto		Hi/Me/Lo & Auto			
Air Deflection	Horizontal	---		---		
	Vertical	Microprocessor		Automatic		
Air Filter	Washable		Washable			
Refrigerant	R-410A		R-410A			
Refrigerant Control	Electric Expansion Valve		Electric Expansion Valve			
Operation Sound	In (Hi / Me / Lo)	34 / 30 / 27		44 / 31 / 28		
	Outdoor (Hi)	51 (Max. 66)		52 (Max. 66)		
Refrigerant Piping (single zone)	Type	Flare		Flare		
	Discharge	1/4		1/4		
	Suction	1/2		1/2		
Refrigerant Pipe Length	Ft.	65		100		
Elevation Difference*	Outdoor Above	49		49		
	Outdoor Below	49		49		
Dimensions & Weight			Indoor Unit	Outdoor Unit	Indoor Unit	Outdoor Unit
Height	inches	10-1/4		21-1/2		31-1/2
Width	inches	22-3/4		31		34-1/2
Depth	inches	22-3/4		11-1/2		12-3/4
Net Weight	Lbs.	40		82		132

4-Way Airflow Design Sends Cool Air in All Directions

Air is returned through the center of the grille, while evenly distributing air through each of the 4 supply air openings. Installation in the center of the room provides for the greatest comfort. However, 1 or 2 supply louvers can be closed for installation near 1 wall to provide 3 or 2 way airflow. Also, by closing off 1 supply louver.



Integrated Drain Pump

Drain pump is built into the unit to raise the condensate water up to 20" from the drain pump discharge to a gravity drain.

