

ALL MATCH R32
ONE WAY CASSETTE

DIRECTIONAL AIRFLOW IN A COMPACT, DISCREET DESIGN



ONE WAY CASSETTE

- UP TO 23.5 SEER2 / 13.65 EER2 / 9.5 HSPF2 EFFICIENCY
- COOLING RANGE: -20°F - 122°F
- HEATING RANGE: -22°F - 86°F
- MAXIMUM LINE LENGTH: 131 FT.

THE EFFICIENT BUT POWERFUL SOLUTION FOR SINGLE-DIRECTION AIRFLOW FROM AN UNOBTRUSTIVE CEILING CASSETTE.

The One-Way Cassette is a sleek, ductless unit designs for spaces that require directional airflow such as small, narrow rooms. Its compact, discreet design blends seamlessly with any ceiling and operates quietly to deliver comfort and efficiency.

- Multiple fan speeds
- Swing louver control
- Automatic voltage adaption
- Internal condensate drain pump
- Sentry float switch
- Refrigerant sensor
- Anti-corrosion Fins
- High Quality Motor

SYSTEM TYPE		HEAT PUMP												
Indoor Model		OWC09HP230V1R32AH			OWC12HP230V1R32AH			OWC18HP230V1R32AH			OWC20HP230V1R32AH			
Outdoor Model		VIR09HP230V1R32AO	ENV09HP230V1R32AO	SAP09HP230V1R32AO	VIR12HP230V1R32AO	ENV12HP230V1R32AO	SAP12HP230V1R32AO	VIR18HP230V1R32AO	ENV18HP230V1R32AO	SAP18HP230V1R32AO	VIR18HP230V1R32AO	ENV18HP230V1R32AO	SAP18HP230V1R32AO	
SYSTEM PERFORMANCE														
Cooling Capacity	Min - Max	Btu/h	2,559 - 11,601	2,559 - 11,601	2,500 - 11,500	2,300 - 15,500	2,300 - 15,500	2,300 - 14,330	5,459 - 19,107	5,459 - 19,107	3,753 - 21,300	7,880 - 21,599	7,880 - 21,599	9,269 - 22,791
	Rated Capacity @95°F	Btu/h	9,100	9,100	9,100	12,000	12,000	12,000	18,000	18,000	18,000	19,000	19,000	19,000
Heating Capacity	Min - Max	Btu/h	2,900 - 13,648	2,900 - 13,648	2,800 - 14,000	3,070 - 14,600	3,070 - 14,600	3,070 - 16,000	4,265 - 20,472	4,265 - 20,472	4,947 - 23,540	8,347 - 20,813	8,347 - 20,813	9,100 - 25,552
	Rated Capacity @47°F	Btu/h	10,500	10,500	10,500	12,000	12,000	12,000	18,000	18,000	18,000	19,000	19,000	19,000
	Rated Capacity @17°F	Btu/h	8,800	8,800	8,900	10,000	10,000	10,300	14,700	14,700	15,500	14,700	14,700	15,500
	Rated Capacity @5°F	Btu/h	9,400	9,400	9,000	10,000	10,000	10,000	12,600	12,600	13,500	14,000	14,000	14,500
SEER2			22.0	22.0	22.5	21.5	21.5	21.5	21.5	21.5	23.5	21.5	21.5	23.5
EER2			13.1	13.1	13.65	12.3	12.3	12.3	10.9	10.9	10.90	10.9	10.9	10.75
HSPF2			9.5	9.5	9.5	9.5	9.5	9.5	8.5	8.5	8.7	8.5	8.5	8.7
COP @5°F			1.97	1.97	1.75	1.90	1.90	1.90	1.80	1.80	1.80	1.80	1.80	1.80
Energy Star®			YES	YES	YES	YES	YES	YES	NO	NO	NO	NO	NO	NO
Energy Star® Certified with Cold Climate Designation			YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Cooling Temperature Range	°F		-20 - 122	-20 - 122					-20 - 122	-20 - 122				-20 - 122
Heating Temperature Range	°F		-22 - 86	-22 - 86					-22 - 86	-22 - 86				-22 - 86
Refrigerant Type			R32	R32					R32	R32				R32
INDOOR UNIT		OWC09HP230V1R32AH			OWC12HP230V1R32AH			OWC18HP230V1R32AH			OWC20HP230V1R32AH			
Air flow (Min-Max)	CFM	200 - 324			230 - 353			265 - 412			294 - 441			
Sound Pressure Level (Min - Max)	dB(A)	28 - 37			28 - 41			32 - 43			36 - 46			
Dehumidification	pt/hr	1.69			2.96			3.80			4.23			
External Dimensions (L x D x H)	in	38-55/64 x 15-5/32 x 7-1/64			38-55/64 x 15-5/32 x 7-1/64			38-55/64 x 15-5/32 x 7-1/64			38-55/64 x 15-5/32 x 7-1/64			
Package Dimension (L x W x H)	in	51-29/64 x 19-23/32 x 12-13/64			51-29/64 x 19-23/32 x 12-13/64			51-29/64 x 19-23/32 x 12-13/64			51-29/64 x 19-23/32 x 12-13/64			
Net Weight	lbs	43.0			43.0			44.1			44.1			
Gross Weight	lbs	58.4			58.4			59.5			59.5			
CASSETTE GRILLE (REQUIRED)		GREETD01			GREETD01			GREETD01			GREETD01			
Grille Dimension (L x D x H)	in	47-1/4 x 18-7/64 x 2-11/64			47-1/4 x 18-7/64 x 2-11/64			47-1/4 x 18-7/64 x 2-11/64			47-1/4 x 18-7/64 x 2-11/64			
Package Dimension (L x W x H)	in	49-51/64 x 21-7/64 x 4-49/64			49-51/64 x 21-7/64 x 4-49/64			49-51/64 x 21-7/64 x 4-49/64			49-51/64 x 21-7/64 x 4-49/64			
Weight (Net / Gross)	lbs	9.26 / 13.23			9.26 / 13.23			9.26 / 13.23			9.26 / 13.23			
OUTDOOR UNIT		VIR09HP230V1R32AO	ENV09HP230V1R32AO	SAP09HP230V1R32AO	VIR12HP230V1R32AO	ENV12HP230V1R32AO	SAP12HP230V1R32AO	VIR18HP230V1R32AO	ENV18HP230V1R32AO	SAP18HP230V1R32AO	VIR18HP230V1R32AO	ENV18HP230V1R32AO	SAP18HP230V1R32AO	
Sound Pressure Level	dB(A)	52	52	56	52	52	55	59	59	59	59	59	59	
External Dimensions (L x D x H)	in	31-37/64 x 13-25/32 x 21-27/32	31 37/64 x 13 25/32 x 21 27/32	34-3/8 x 14-51/64 x 21-27/32	31-37/64 x 13-25/32 x 21-27/32	31 37/64 x 13 25/32 x 21 27/32	34-3/8 x 14-51/64 x 21-27/32	37-23/32 x 15-53/64 x 25-63/64	37-23/32 x 15-53/64 x 25-63/64	37-23/32 x 15-53/64 x 25-63/64	37-23/32 x 15-53/64 x 25-63/64	37-23/32 x 15-53/64 x 25-63/64	37-23/32 x 15-53/64 x 25-63/64	
Package Dimension (L x W x H)	in	34-21/64 x 15-43/64 x 24-13/32	34 21/64 x 15 43/64 x 24 13/32	37-7/16 x 16-31/32 x 24-13/32	34-21/64 x 15-43/64 x 24-13/32	34 21/64 x 15 43/64 x 24 13/32	37-7/16 x 16-31/32 x 24-13/32	40-5/8 x 17-61/64 x 29-1/64	40-5/8 x 17-61/64 x 29-1/64	40-5/8 x 17-61/64 x 29-1/64	40-5/8 x 17-61/64 x 29-1/64	40-5/8 x 17-61/64 x 29-1/64	40-5/8 x 17-61/64 x 29-1/64	
Net Weight	lbs	70.6	70.6	78.3	67.3	67.3	78.3	94.8	94.8	94.8	94.8	94.8	94.8	
Gross Weight	lbs	76.1	76.1	84.9	72.8	72.8	84.9	104.7	104.7	104.7	104.7	104.7	104.7	
REFRIGERANT PIPING														
Refrigerant Charge - R32	oz	30	30	35.3	28.2	28.2	35.3	40.6	40.6	47.6	40.6	40.6	47.6	
Additional Charge	oz/ft	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.2	0.2	0.4	
Indoor Piping Connection (Liquid - Gas)*	in	1/4 - 3/8			1/4 - 3/8			1/4 - 1/2			1/4 - 1/2			
Outdoor Piping Connection (Liquid - Gas)	in	1/4 - 3/8	1/4 - 3/8	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 1/2	1/4 - 5/8	1/4 - 1/2	1/4 - 1/2	1/4 - 5/8	
Pre-Charge Length	ft	25			25			25			25			
Pipe Length (Min - Max)	ft	10 - 66	10 - 66	10 - 131	10 - 66	10 - 66	10 - 131	10 - 131	10 - 131	10 - 131	10 - 131	10 - 131	10 - 131	
Max. Pipe Elevation	ft	40	40	82	40	40	82	82	82	82	82	82	82	
ELECTRICAL														
Power Supply		208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)			208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)			208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)			208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)			
Voltage Range (Min - Max)	VAC	187 - 253			187 - 253			187 - 253			187 - 253			
Rated Current - Cooling	A	5.8	5.8	7.5	7.0	7.0	6.50	11.5	11.5	12.5	11.5	11.5	12.5	
Rated Current - Heating	A	7.6	7.6	8.6	7.73	7.73	8.75	11.5	11.5	16	11.5	11.5	16	
MOCP	A	15	15	15	15	15	15	20	20	25	20	20	25	
MCA	A	10	10	11	10	10	11	16	16	23	16	16	23	
Main Power Wire Size	AWG	Per Local Code			Per Local Code			Per Local Code			Per Local Code			
Interconnecting Wire Size	AWG	14 / 4			14 / 4			14 / 4			14 / 4			
LIMITED WARRANTY		5 Years Parts, 7 Years Compressor - Residential & Commercial						5 Years Parts, 7 Years Compressor - Residential & Commercial						

* Refrigerant piping must be sized by the indoor unit connections. If the outdoor unit connection is a different size from the indoor unit connection, a flare adapter must be purchased separately and installed on the outdoor unit.



Air comfort for all

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