

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 UNOBTRUSIVE 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	900 - 14,100	900 - 14,100	900 - 14,100	900 - 14,100	900 - 14,100	900 - 14,100	5,100 - 23,200	5,100 - 23,200	5,100 - 23,200	3,600 - 26,500	3,600 - 26,500	3,600 - 26,500
	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	900 - 15,500	900 - 15,500	900 - 15,500	900 - 15,500	900 - 15,500	900 - 15,500	5,800 - 23,500	5,800 - 23,500	5,800 - 23,500	5,800 - 25,500	5,800 - 25,500	4,000 - 33,000
	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
	Capacity @17°F	Btu/h	7,200	7,200	6,500	7,500	7,500	7,500	10,100	10,100	11,000	12,000	12,000	12,200
	Capacity Max @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	10.8
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
COP @47°F														
Cooling Temperature Range	°F		-20 - 122			-20 - 122			-20 - 122			-20 - 122		
Heating Temperature Range	°F		-22 - 86			-22 - 86			-22 - 86			-22 - 86		
Refrigerant Type			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)		31 - 37			34 - 41			35 - 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		41.9			41.9			44.1			44.1		
Gross Weight	lbs		57.3			57.3			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		49-13/16 x 21-1/8 x 4-25/32			49-13/16 x 21-1/8 x 4-25/32			49-13/16 x 21-1/8 x 4-25/32			49-13/16 x 21-1/8 x 4-25/32		
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	58	61	62
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	39-3/8 x 16-13/16 x 29-3/8	39-3/8 x 16-13/16 x 29-3/8
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	42-33/64 x 19-1/64 x 31-57/64	42-33/64 x 19-1/64 x 31-57/64
Net Weight	lbs		70.6	70.6	78.3	67.3	70.6	78.3	94.8	94.8	94.8	92.6	103.6	115.8
Gross Weight	lbs		76.1	76.1	84.9	72.8	76.1	84.9	104.7	104.7	104.7	102.5	114.7	126.8
REFRIGERANT PIPING														
Refrigerant Charge - R410A	oz		30	30	35.3	28.2	28.2	47.6	40.6	40.6	47.6	42.3	49.4	56.4
Additional Charge	oz/ft		0.2	0.2	0.2	0.2	0.2	0.4	0.2	0.2	0.4	0.4	0.4	0.4
Line Set Sized by Indoor Unit (Liquid - Gas)	in		1/4 - 3/8			1/4 - 3/8			1/4 - 1/2			1/4 - 1/2		
Line Set Size (Liquid - Gas) - Flared Connections	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 - 5/8	1/4 - 5/8	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		4.73	4.73	5.9	6.64	6.64	5.9	11.5	5.9	12.5	13	5.9	14
Rated Current - Heating	A		6	6	7.6	6.41	6.41	7.8	11.5	7.8	16	15.5	7.8	21.5
MCA	A		10	10	11	10	10	11	16	11	20	22	11	25
MOCP	A		15	15	15	15	15	15	20	15	25	30	15	40
Suggested Breaker Size	A		10	10	15	10	10	15	20	15	20	25	15	25
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					



Air comfort for all

GREECOMFORT.COM