



EXPERIENCE OPTIMAL

COMFORT AND EFFICIENCY

ECOBREEZE INVERTER HEAT PUMP

UP TO 17 SEER2

UP TO 9.5 HSPF2



ANTI-CORROSIVE GOLD FIN COATING

PIPE KIT AND COMMUNICATION CABLES INCLUDED

Features



Low Voltage
Startup



Multiple Fan
Speed



Strong
Dehumidification



Self
Diagnosis



3D Airflow



I-Feel

ESPECIFICACIONES/ SPECIFICATIONS

System Model		TWH32IT12SA/ TRH32IT12ASA	TWH32IT12S/ TRH32IT12AS	TWH32IT18S/ TRH32IT18AS	TWH32IT24S/ TRH32IT24AS	TWH32IT36S/ TRH32IT36AS	
Refrigerant Leakage Detector		Yes	Yes	Yes	Yes	Yes	
System Type		Heat Pump	Heat Pump	Heat Pump	Heat Pump	Heat Pump	
Power Supply		115V~ / 60Hz / 1P	208/230V~ / 60Hz / 1P	208-230V~ / 60Hz / 1P	208-230V~ / 60Hz / 1P	208-230V~ / 60Hz / 1P	
System Ratings							
AHRI Reference No.	--	218004979	218004980	218004981	218004982	218004983	
Rated Cooling Capacity	Btu/h	2050 ~ 12000	2050 ~ 12000	4095 ~ 17700	5120 ~ 24500	7500 ~ 36000	
Rated Cooling Capacity (95F)	Btu/h	11500	11500	17000	23000	35000	
EER2 (95F)	--	9.5	9.5	9.5	9.5	9.5	
Loading Capacity Per 40'HQ	--	288.0	288.0	230.0	180.0	110.0	
SEER2	--	17	17	17	17	17	
Range Heating Capacity	Btu/h	2050 ~ 12500	2050 ~ 12500	4095 ~ 17700	5120 ~ 24500	7500 ~ 36000	
Rated Heating Capacity (47F)	Btu/h	11500	11500	16500	22400	35400	
Rated Heating Capacity (17F)	Btu/h	6800	6800	10000	13500	20400	
HSPF2 Rating	Btu/W.h	9.5	8.3	8.5	9.5	8.5	
COP2 (5F)	W/W	1.9	1.75	1.8	1.8	1.8	
COP2 (47F)	W/W	3.3	3.2	3.2	3.3	3.2	
Rated Current	Cooling	A	10.4	5.1	7.7	10.3	14.6
	Heating	A	8.8	4.8	6.3	8.4	13.2
Min. Circuit Ampacity	A	17	11	12	17	23	
Max. Fuse size	A	25	15	20	25	35	
Interconnecting Wire Size	AWG	16 / 4	16 / 4	16 / 4	16 / 4	16 / 4	
Connecting Pipe	Gas	In.	3/8"	3/8"	3/8"	1/2"	5/8"
	Liquid	In.	1/4"	1/4"	1/4"	1/4"	1/4"
Precharge Line	ft	25	25	25	25	25	
Maximum Line Length	ft	50	50	50	65	98	
Indoor Model		TWH32IT12SA	TWH32IT12S	TWH32IT18S	TWH32IT24S	TWH32IT36S	
Motor Type	--	AC	AC	DC	DC	DC	
Motor Model	--	RPG20K-3	YKFG-15-4-159L	ZKFP-30-8-309L	ZKFP-20-8-148	ZWK465B00501	
Indoor air circulation Hi / Mi / Lo	CFM	265/241/224	264/235/206	364/294/235	629/505/412	741/564/458	
Indoor noise level Hi / Mi / Lo	dB(A)	40/36/33	42/39/35	45/40/34	48/46/40	52/46/41	
Net dimensions (W x D x H)	In.	30.5" x 9.8" x 8"	30.5" x 9.8" x 8"	35.8" x 11.5" x 8"	39.7" x 12.4" x 8.7"	47" x 14" x 10.2"	
Packing dimensions (W x D x H)	In.	33" x 12.4" x 10.2"	33" x 12.4" x 10.2"	38.5" x 14.6" x 10.9"	43.1" x 15" x 11.7"	49.6" x 17" x 13"	
Weight (Net / Gross)	lb	16.5 / 20.9	16.5 / 20.9	20.9 / 27.6	26.5 / 33.1	38.6 / 46.3	
Ambinet Temperature Cooling / Heating	°F	62 / 86	62 / 86	62 / 86	62 / 86	62 / 86	
Outdoor Model		TRH32IT12ASA	TRH32IT12AS	TRH32IT18AS	TRH32IT24AS	TRH32IT36AS	
Refrigerant	--	R32	R32	R32	R32	R32	
Refrigerant Charge	oz	17.6	17.6	23.6	36.7	56.1	
Additional Refrigerant Charge	oz/ft	0.11	0.11	0.11	0.11	0.11	
Compressor Type	--	Rotary	Rotary	Rotary	Rotary	Rotary	
Compressor Brand	--	GMCC	GMCC	Highly	SANYO	GMCC	
Motor Type	--	DC	DC	DC	DC	DC	
Motor Model	--	ZKFN-33-10-1L	ZKFN-33-10-1L	ZKFN-33-10-1L	ZKFN-33-10-1L	ZW511B500037	
Net dimensions (W x D x H)	In.	31" x 11.4" x 19.4"	31" x 11.4" x 19.4"	31.9" x 12" x 21.6"	34" x 13.7" x 23.7"	38.6" x 16.5" x 31.6"	
Packing dimensions (W x D x H)	In.	33" x 13.3" x 21.2"	33" x 13.3" x 21.2"	33.6" x 14" x 23.6"	35.4" x 16" x 25.4"	40.2" x 18.9" x 32.9"	
Weight (Net / Gross)	lb	50.7 / 57.3	50.7 / 57.3	57.3 / 63.9	70.5 / 78.3	105.8 / 114.6	
Ambinet Temperature (Cooling / Heating)	°F	53.6 ~ 122 / 5 ~ 86	53.6 ~ 122 / 5 ~ 86	53.6 ~ 122 / 5 ~ 86	53.6 ~ 122 / 5 ~ 86	53.6 ~ 122 / 5 ~ 86	
Outdoor noise level	dB(A)	53	55	57	56	63	