

Polar R32 DC inverter Multi Outdoor unit						
Technical Specifications		1 to 2	1 to 2	1 to 3	1 to 4	1 to 5
Model No.		MO2H0040SDO	MO2H0050SDO	MO3H0075SDO	MO4H0090SDO	MO5H0120SDO
Standard indoor combination under Erp		7+7	09+09	09+09+09	09+09+09+09	09+09+09+09+09
One unit		07,09,12	09,12,18	/	/	/
Two units		07+07,07+09,07+12 09+09,09+12	09+09,09+12,09+18,12+12	09+09,09+12,12+12, 09+18,12+18,18+18	09+09,09+12,12+12, 09+18,12+18,18+18	09+09,09+12,12+12, 09+18,12+18,18+18
Three units		None	None	09+09+09,09+09+12,09+09+18 09+12+12,09+12+18,12+12+12	09+09+09,09+09+12,09+12+12 09+09+18,09+12+18,12+12+12	09+09+09,09+09+12,09+12+12, 09+09+18,09+12+18,12+12+12, 12+12+18,12+18+18,18+18+18
Four units		None	None	None	9+9+9+9,9+9+9+12, 9+9+9+18,9+9+12+12, 9+12+12+12	09+09+09+09,09+09+09+12,09+09+09+18, 09+09+18,09+12+18,09+12+12+12, 12+12+18,12+18+18,18+18+18
Five units		None	None	None	None	09+09+09+09+09,09+09+09+09+12,09+09+09+09+18, 09+09+09+12+12,09+09+09+12+18,09+09+09+18+18, 09+09+12+12+18,09+09+12+12+18,09+12+12+12+12, 09+12+12+18,12+12+18,12+12+12+12
Control type		Remote Controller				
Cooling capacity		Btu/h 14000(4000~16500) W 4100(1200~4850)	Btu/h 18000(4200~19100) W 5200(1230~5600)	Btu/h 27000(9500~30000) W 7900(2800~8800)	Btu/h 32000(10600~35000) W 9400(3100~10200)	Btu/h 42000(11300~44700) W 12200(3300~13100)
Heating capacity		Btu/h 14700(4300~17800) W 4310(1250~5200)	Btu/h 18050(4400~19600) W 5290(1290~5750)	Btu/h 27000(8350~30000) W 7960(2450~8800)	Btu/h 32000(6700~35000) W 9450(2550~10200)	Btu/h 42000(11300~44700) W 12200(3300~13100)
Phdesigngc		Btu/h 14000 W 4100	Btu/h 18000 W 5200	Btu/h 27000 W 7900	Btu/h 32000 W 9300	Btu/h 42000 W 12200
Phdesigngh		Btu/h 13000 W 3800	Btu/h 15000 W 4400	Btu/h 19800 W 5800	Btu/h 25000 W 7300	Btu/h 32400 W 9500
SEER (Class)		W/W 6.1 (A++)	W/W 6.2 (A++)	W/W 6.1 (A++)	W/W 6.1 (A++)	W/W 6.1 (A++)
SCOP (Class)		W/W 4.0 (A+)	W/W 4.0 (A+)	W/W 4.0 (A+)	W/W 4.0 (A+)	W/W 4.0 (A+)
EER		W/W 3.29	W/W 3.24	W/W 3.00	W/W 3.40	W/W 3.20
COP		W/W 3.71	W/W 3.73	W/W 3.75	W/W 3.71	W/W 3.31
Outdoor sound power level		dB(A) 65				
65		65		68		70
Electrical Data						
Power supply		220-240V~/50HZ				
Voltage Range		165-265				
Power input		Cooling W 1246(250~1560)	Heating W 1605(250~2053)	Cooling W 2633(350~2850)	Heating W 2765(410~3500)	Cooling W 3812(730~5400)
Operating Current		Cooling A 6.3(1.2~8.0)	Heating A 7.3(1.2~10.5)	Cooling A 12.7(1.6~14.0)	Heating A 13.0(2.3~17.0)	Cooling A 15.8(3.5~24.0)
Annual electricity consumption		Cooling KWh 235	Heating KWh 294	Cooling KWh 453	Heating KWh 533.6065574	Average KWh 700
Average		1330		2030		3325
Refrigerating System						
Refrigerant/Charge		Gram R32/1100g				
CO2 equivalent		Tonnes 0.743				
Compressor type		Rotary				
Fan System						
Outdoor fan type		axial-flow				
Outdoor fan speed		rpm 850				
Outdoor fan motor output		W 52				
Outdoor coil						
Number of rows		/				
Number of U tube		/				
Tube outside dia		mm 7				
Tube type		/				
Fin spacing		mm 1.4				
Fin type		Corrugated sheet				
Tube pitch(a)x row pitch(b)		mm 18.2x21				
Connections						
Refrigerant coupling		Flare				
High & low pressure valve		Liquid Inches 1/4"	Gas Inches 3/8"	Liquid Inches 1/4"	Gas Inches 3/8"	Liquid Inches 1/4"
should use 1/2" pipe for 18K duct		should use 1/2" pipe for 18K duct		should use 1/2" pipe for 18K duct		should use 1/2" pipe for 18K duct
Others						
Net dimensions (W x H x D)		mm 835*605*360				
Net weight		kg 34				
Packing dimensions (W x H x D)		mm 883*645*394				
Gross weight		kg 38				
835*605*360		835*605*360		968*655*375		990*910*340
34		34		46		68
883*645*394		883*645*394		1015*715*425		1030*950*430
38		38		51		80
835*605*360		835*605*360		968*655*375		990*910*340
34		34		46		68
883*645*394		883*645*394		1015*715*425		1030*950*430
38		38		51		80