

Geonair

Air Conditioners & Chillers

New Arrival

R-410

PACKAGE A/C
UNITS

7.5, 10, 15, 20, 25, 30 Tr

Features



High Efficiency & Reliability

2 Stage Design (available for → 2 compressor)

With PC Board : full protection function

Galvanized Steel Cabinet with powder coating

Excellent Corrosion Resistance

Compact and light weight design

Optional: Easy Mobilization trolley



SINCE 1977

GEO ELECTRICAL CONTRACTING TRADING CO. L.L.C

www.geogroupglobal.com

PACKAGE A/C UNITS Technical Specifications



Air Conditioners & Chillers

Nominal ton		(Ton)	6.2	7.5	8.5	10	12.5	15	17.5	20	25	30
Model			MRCT-062CWN1-R(C)	MRCT-075CWN1-R(C)	MRCT-085CWN1-R(C)	MRCT-100CWN1-R(C)	MRCT-125CWN1-R(C)	MRCT-150CWN1-R(C)	MRCT-175CWN1-R(C)	MRCT-200CWN1-R(C)	MRCT-250CWN1-R(C)	MRCT-300CWN1-R(C)
Power Supply		V,Ph,Hz	380-415V,3Ph,50Hz	380-415V,3Ph,50Hz	380-415V,3Ph,50Hz	380-415V,3Ph,50Hz	380-415V,3Ph,50Hz	380-415V,3Ph,50Hz	380-415V,3Ph,50Hz	380-415V,3Ph,50Hz	380-415V,3Ph,50Hz	380-415V,3Ph,50Hz
Cooling	Cooling Capacity (1)	Btu/h	75000	89000	103000	120000	150000	180000	208000	240000	300000	360000
		kW	22.0	26.0	30.0	35.0	43.0	53.0	61.0	70.0	87.0	105.0
	Power Input (1)	kW	6.5	7.7	9.0	10.5	13.0	15.9	18.6	21.6	27.5	33.3
	EER (1)	Btu/h/W	11.6	11.5	11.4	11.4	11.5	11.3	11.2	11.1	10.9	10.8
Max. input consumption		kW	9.0	12.5	14.8	17.8	21.0	25.0	28.6	34.0	42.0	49.0
Max. current		A	19.3	27.2	29.2	34.1	41.2	48	55	66.9	77.4	94.1
Performance	Indoor fan air flow	CFM	2800	2830	3500	4100	5500	7000	7600	8800	10000	120000
	ESP	Pa	80	80	80	90	110	110	110	120	130	270
Indoorfan	Type		FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
	Quantity		1	1	1	1	1	1	1	1	1	1
	Drive type		Direct	Direct	Belt	Belt	Belt	Belt	Belt	Belt	Belt	Belt
	Motor model		YDK750-4E	YDK750-4E	YE2-90L-4-1.5KW	YE2-90L-4-1.5KW	YE2-100L2-4-3KW	YE2-112M-4-4KW	YE2-112M-4-4KW	YE2-132S-4-5.5KW	YE2-132M-4-7.5KW	YE2-132M-4-7.5KW
	Motors quantity		1	1	1	1	1	1	1	1	1	1
Compressor	Type		Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
	Quantity		1	1	2	2	2	2	2	2	2	2
	Brand		Copeland	Danfoss	Hitachi	Hitachi	Copeland	Copeland	Copeland	Copeland	Danfoss	Danfoss
	Refrigerant oil charge	ml	1656	2400	1300x2	1300x2	1656+2513	1656+3253	2513x2	3253x2	3300x2	3600x2
Outdoor Fan	Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller	Propeller
	Quantity		1	1	1	1	1	1	2	2	2	2
	Drive type		Direct	Direct	Direct	Direct	Direct	Direct	Direct	Direct	Direct	Direct
	Motor model		YDK450-6C	YDK580-6C	YDK580-6C	YS1100-6P	YDK550-6E	YS1100-6	YDK550-6E	YS1100-6-3	YS1500-6-2	YS1500-6-2
	Motors quantity		1	1	1	1	1	1	2	2	2	2
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
	Refrigerant volume	kg	4	3.7	2.25+2.25	2.3+2.3	1.7+2.8	2.25+3.9	3.7+3.7	5.65+5.65	6.0+6.0	7.6+7.6
	Refrigerant Control		Piston	Piston	Piston	Piston	Piston	Piston	Piston	Piston	Capillary	Capillary
Net Weight		kg	223	231	331	335	433	470	590	670	895	910
Gross Weight		kg	228	236	342	346	453	490	620	700	925	940
Net Dimension	WxHxD	mm	1475x840x1130	1475x840x1130	1483x1138x1231	1483x1138x1231	1965x1230x1130	1965x1230x1130	2192x1247x1670	2192x1247x1670	2220x1245x2320	2220x1245x2320
Packing	WxHxD	mm	1497x867x1152	1497x867x1152	1492x1248x1146	1492x1248x1146	1990x1260x1140	1990x1260x1140	2212x1284x1695	2212x1284x1695	2230x1275x2330	2230x1275x2330
Shipping	Qty/Per 20'/40'/40'HQ		12/24/48	12/24/48	8/16/32	8/16/32	6/12/24	6/12/24	3/7/14	3/7/14	2/5/10	2/5/10



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