

JO AIR WATER HEAT PUMP

SPECIALIZED IN CUSTOMIZED COOLING & HEATING EQUIPMENTS



Emirates Jo Trade Co. L.L.C.

No-1 Heat pump manufacturer in UAE

5 KW - 15 KW



20- KW - 37.5 KW



50 KW - 62.5 KW



75 KW - 150 KW



V Shape 125 KW - 500 KW



HEAT EXCHANGER



HEAT PUMP TECHNICAL SPECIFICATION							
Capacity	Ton	1	2	3	4	5	7.5
Model no.	Details	JO HP-12	JO HP24	JO HP 36	JO HP48	JO HP60	JO HP90
Heating Capacity	KW	5	10	15	20	25	37.5
Cooling capacity	KW	3.5	7	10.5	14	17.5	26.25
Suggested Pool Capacity	M³	07_10	10_20	20-30	28-36	35-60	50-70
Make	SHARJAH, UAE						
Brand	JOAIR						
Power Input	KW	1-1.4	2.2-2.6	3.4-3.9	4.6-5.1	5.9-6.3	8.8-9.3
Power Supply	V/PH/Hz	220/1/ 50/60			400/3/ 50/60		
Compressor	Brand	Copeland / Danfoss					
Compressor Type	Scroll / Hermetic						
Compressor	Quantity	1					
Fan type	Axial						
Fan Quantity	PCS	300mm x 1	400mm x 1		500mm x 1		
Refrigerant	R22/R407/R410/R134a						
Refrigerant Controler	Cappillary/ Expansion valve						
Heat Exchanger	Titanium Heat Exchanger						
Defrosting	Four way valve reverse defrosting						
Nominal Water Flow	m³/hr	1.46	3	4.4	5.9	7.3	8.8
Sound Level	Db(A)	≤50	≤52	≤54	≤56	≤56	≤58
Pool Water tempereture	°c	Min:+20/Max:+35					
outdoor temp.Limits	°c	Min:+10/ Max:+55					
Pipe size	inch	3/4"			1"		1.5"
Degree Of Protection	IPEX14						
Weight	KG	55	65	85	125	150	240
Dimension	mm	960X560X760			960X570X1400		

JoAir Heat Pump Features :

- ♦ Customized design
- ♦ Branded electrical and refrigeration components
- ♦ Pure polyester powder coated cabinet for UV protection
- ♦ Low noise and vibration
- ♦ Anti-corrosive hydrophobic fins for extended life
- ♦ Plug-in type for faster installation
- ♦ High ambient operating range : 10 – 55°C
- ♦ Electronic thermostat result in substantial power saving and precision cooling
- ♦ Power saver compressor saves on your power bills
- ♦ Special "Titanium" coated fins, three times more resistant to corrosion
- ♦ Inbuilt time delay protect compressor during intermittent power failures

*Specifications subject to change due to continuous product development

* Descrepancy -5 to +5

HEAT PUMP TECHNICAL SPECIFICATION

Capacity	Ton	10	12.5	15	20	25	30	40	50
Model no.	Details	JO HP-120	JO HP-150	JO HP180	JO HP 240	JO HP300	JO HP360	JO HP480	JO HP600
Heating Capacity	KW	50	62.5	75	100	125	150	200	250
Cooling capacity	KW	35	43.75	52.5	70	87.5	105	140	175
Suggested Pool Capacity	M³	70-100	87.5-125	105-150	160-210	175-250	210-300	280-400	350-500
Make	Sharjah, UAE								
Brand	JO AIR								
Power Input	KW	11.8-12.4	14.2-16.4	17.6-18.4	23.7-24.2	29.8-30.8	35.5-36.2	47.9-48.4	59.7-60.5
Power Supply	V/PH/Hz	400/3/ 50/60							
Compressor	Brand	Copeland / Danfoss							
Compressor Type	Scroll / Hermetic								
Compressor	Quantity	1	2	4					
Fan type	Axial								
Fan Quantity	PCS	500mm x 2	630mm x 2	630mm x 4					
Refrigerant	R22/R407/ R410/R134a								
Refrigerant Controller	Expansion valve								
Heat Exchanger	Titanium Heat Exchanger								
Defrosting	Four way valve reverse defrosting								
Nominal Water Flow	m³/hr	08_12	10_15	12_17	16-22	22-24	25-28	30-35	40-45
Sound Level	Db(A)	≤56	≤58	≤60	≤62	≤62	≤62	≤64	≤64
Pool Water temperature	°c	Min:+20/Max:+35							
outdoor temp.Limits	°c	Min:+10/ Max:+55							
Pipe size	Inch	2"						3"	
Degree Of Protection	IPEX14								
Weight	KG	250	320	500	600	700	750	1400	1500
Demintion	mm	1160X880X1100	1850X1150X1500	2000x2250x2000					

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