

ASTRAL HEAT PUMP



POOL HEAT PUMPS

ASTRALPOOL



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Oversized coated energy collector (air coils) - higher COP.
Titanium class A1 double-coil heat exchanger.
Active auto-charged defrosting system - higher COP.
Digital display.
Waterproof display and control panel.
Strong ABS casing - no corrosion.
Bottom heater to prevent ice formation

Galvanized bottom plate for horizontal type.
Horizontal air flow.
Easy connection to water system.
Rotary/Scroll Compressor.
Flow switch protection.
High / low-pressure switch protection.

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TECHNICAL CHARACTERISTICS

		CODE	AC6	AC8	AC10	AC13	AC15	AC17	AC20	AC25	AC30	
CAPACITY	HEATING CAPACITY	KW	5.4	6.8	9.5	11.5	15.0	16.8	20.5	25.5	30.0	
	INPUT POWER	KW	1.0	1.2	1.7	2.1	2.7	3.1	3.8	4.8	5.4	
	RUNNING CURRENT	A	4.3	5.2	7.4	9.1	11.7	13.5	16.5	8.5	9.6	
	COP	KW/KW	5.4	5.6	5.6	5.5	5.6	5.4	5.4	5.3	5.5	
MEASURING CONDITIONS A15°C W26°C	HEATING CAPACITY	KW	3.8	4.5	6.4	7.9	9.8	11.4	14.8	18.5	22.1	
	INPUT POWER	KW	0.9	1.1	1.5	1.9	2.4	2.8	3.6	4.6	5.3	
	RUNNING CURRENT	A	3.9	4.7	6.5	8.2	10.4	12.1	15.6	8.1	9.3	
	COP	KW/KW	4.2	4.1	4.3	4.2	4.0	4.1	4.1	4.2	4.2	
POWER SUPPLY	V/pPh/Hz	220-240 V / 1 Ph / 50 Hz							380-400 V / 3Ph / 50 Hz			
CONTROLLER		LED / LCD										
HEAT EXCHANGER		TITANIUM COLL										
NUMBER OF COMPRESSORS		1	1	1	1	1	1	1	1	1	1	
COMPRESSOR		ROTARY							SCROLL			
NUMBER OF FANS		1	1	1	1	1	1	1	1	1	2	
INPUT POWER OF FAN	W	60	60	80	100	100	110	110	220	440		
FAN SPEED	RPM	910	910	890	890	890	850	850	850	850		
NOISE (1 meter)	dB (A)	50	50	53	54	54	56	56	56	56	57	
WATER CONNECTION	Inch	1 - 1/2	1 - 1/2	1 - 1/2	1 - 1/2	1 - 1/2	1 - 1/2	1 - 1/2	1 - 1/2	1 - 1/2	1 - 1/2	
WATER FLOW RATE	m ³ /h	2.5	3.2	4.0	5.0	6.5	7.5	9.0	11.0	13.5		
WATER PRESSURE DROP	kpa	10	10	10	12	12	14	14	16	16		
DIMENSIONS		mm										
DIMENSIONS (L/W/H)			778x293x511		938x360x581		1015x370x621		1080x416x708		1078x416x958	1078x416x1258
PACKING DIMENSIONS (L/W/H)			875x328x545		1060x380x630		1140x400x676		1150x450x838		1150x475x1088	1150x475x1388
NET/GROSS WEIGHT		KG	41/46	42/47	53/59	60/67	64/71	75/83	85/93	105/118	140 / 152	

Function: Heating & cooling with reversible defrosting



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