

# DOMESTIC WATER HEATING HEATPUMP SPECS

South Africa's leading Solar Water Heating Supplier



code		<b>ITS-3HD</b>	<b>ITS-4.7HDP</b>	<b>ITS-11.8HD</b>	<b>ITS-17VD</b>	<b>ITS-24.5VD3</b>
Rated Heating Capacity	W	3000	4700	11800	17000	24500
Power Supply	V/PH/HZ	220V/1/50HZ				380V/3/50HZ
Input Power	KW	0.75	1.17	2.95	4.25	6.1
Running Current	A	3.5	5.8	14.1	20	9.3x3
COP		4	4	4	4	4
Casing		metal	plastic	metal	metal	metal
Refrigerant		R 407c	R 407c	R 22	R 407c	R 407c
Circulation pump		Internal bronze RS12/6 pump	Internal bronze RS12/6 pump	none	none	none
Controller		time window with external temp sensor and LCD display				
Refrigerant control		capillary	capillary	electronic	electronic	electronic
Ambient operating temperature range	deg C	0 - 45 deg	0 - 45 deg	0 - 45 deg	0 - 45 deg	0 - 45 deg
Hot Water Generated	L/h	75	110	325	475	650
Thermostat Factory Setting	°C	50°C				
Maximum water outlet temp.	°C	60°C				
Water Connections	inch	3/4"	3/4"	1"	1"	1"
Minimum flow rate - 5deg delta	L/min	10	14	35	50	71
Pressure drop at min flow rate	kPa	10	20	70	65	100
Fan Motor Input	W	80	90	100	220	220
Fan Speed	RPM	900	900	920	830	830
Air Flow	m3/h	1800	2100	3100	5200	5200
Noise	dB(A)	52	52	52	58	58
Net Dimension	L	760	940	1015	680	680
	W	260	310	430	650	650
	H	620	640	690	950	950
Packing Dimension	L	830	980	1165	740	740
	W	308	405	485	700	700
	H	625	690	730	990	990
Weight	Net Weight	40	43	88	110	120
	Gross Weight	44	49	99	126	137

Measuring Conditions: 20 °C ambient. Water heated from 20°C to 55°C