



- *Panasonic DC TWIN ROTARY Compressor*
- *Smooth operation from -30°C to 43°C*
- *Max. outlet water temperature 65°C*
- *Quiet operation*
- *High efficiency SCOP 4.60*
- *Energy class A+++ (W35)*
- *Environmentally friendly refrigerant R32*

Kensol monoblock

KTM 6-17 kW

Inverter monoblock heat pump. Reliable Panasonic DC TWIN ROTARY compressor, operation in a temperature range of up to -30°C, high SCOP, modern design and a mobile app for pump control.

The set is covered by **5-year guarantee** performed by Kensol Authorized Service Partners.

Model	6 KW	10 KW	14 KW	17 KW
Heating mode: Ambient Temperature (DB/WB): 7/6°C. Water Temperature (Inlet/Outlet): 30/35°C				
Heating capacity (kW)	1.57~8.40	4.4~13.0	5.9~18.2	7.5~23.0
Current consumption (kW)	0.32~1.87	0.90~3.02	1.20~4.11	1.53~5.23
Rated operating current (A)	1.42~8.30	1.39~4.68	1.86~6.37	2.37~8.11
COP	4.49~4.91	4.30~4.90	4.43~4.92	4.40~4.90
Cooling mode - Ambient Temperature (DB/WB): 35/24°C Water Temperature (Inlet/Outlet): 12/7°C				
Cooling capacity (kW)	0.99~6.22	2.80~8.20	3.81~11.53	4.73~14.6
Current consumption (kW)	0.29~2.18	0.85~3.31	1.11~4.05	1.39~5.14
Rated operating current (A)	1.28~9.67	1.32~5.13	1.72~6.28	2.16~7.97
EER	3.41~2.85	2.48~3.29	2.85~3.43	2.84~3.40
DHW Mode - Ambient Temperature (DB/WB): 20/15°C Water Temperature (Inlet/Outlet): 15/55°C				
Heating capacity (kW)	1.28~6.81	3.52~10.50	4.8~14.72	6.1~18.5
Current consumption (kW)	0.31~2.13	0.88~3.39	1.17~4.60	1.53~5.97
Rated operating current (A)	1.38~9.45	1.36~5.26	1.82~7.15	2.37~9.26
COP	3.2~4.1	3.1~4.0	3.2~4.1	3.1~4.0
Power supply (Voltage, Phases, Frequency)	230V/1 phase/50~60Hz		380V/3 phases/50~60Hz	
Seasonal energy efficiency class (W35°)			A+++	
Seasonal energy efficiency class (W55°)			A++	
Compressor			Panasonic	
Operating range [°C]			-30~43°C	
Maximum water temperature [°C]			65°C	
Refrigerant			R32	
Sound power level dB(a)	<53	<55	<57	<58
Water connection	DN25 (GZ)			
Housing dimensions (W x D x H) (mm)	970x475x835	1100x475x985	1050x480x1330	1050x480x1330
Package dimensions (W x D x H) (mm)	1028x520x974	1120x515x1108	1100x530x1470	1100x530x1470
Net/gross weight (kg)	110/120	140/150	170/180	180/190
Guarantee	5 years			





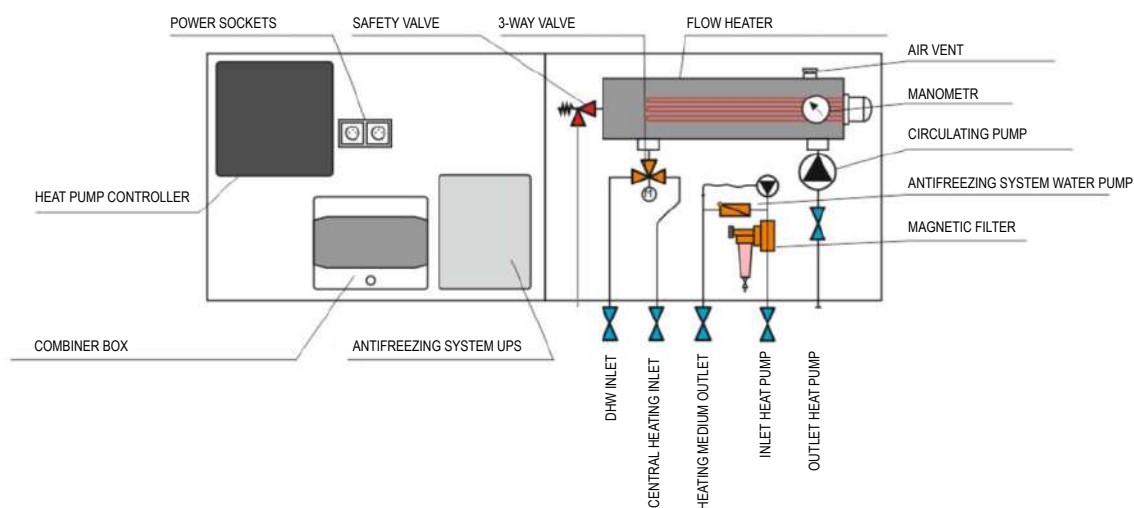
- *compact, aesthetically pleasing housing*
- *switchboard with switches and electrical protection*
- *6kW electric instantaneous water heater*
- *antifreeze system*
- *magnetic filter*
- *central heating/usable warm water diverter valve*
- *a set of shut-off valves*

Kensol Hydrobox

HYDROBOX KENSOL KTH1

A module designed for indoor installation, speeding up the installation of a system with a monobloc air-to-water heat pump, a buffer tank and a hot water storage tank. The compact form and thoughtful design makes the entire installation take up less space, while providing easy access for maintenance activities.

COMPONENTS AND DESCRIPTION OF HYDRAULIC CONNECTIONS



Parameters

KTH 1

Diverter valve	DN25
Electric heater	3 x 2 kW (level adjustable)
Circulation pump	IBO AMG 25-60
Anti-freeze kit	SARG1
Magnetic filter	magnet 11000G, 500µm mesh
Safety valve	3 bar
Size of hydraulic connections	GW 1"
Dimensions H x W x D	530 mm x 650 mm x 295 mm
Weight	35 kg
Noise	< 35 dB
Recommended electrical supply	min. 3 x 10A, 230V AC, 50Hz
Recommended power cable	5 x 2,5 mm ²
Recommended cable for sensor with SARG1	2 x 1 mm ² shielded

