



KALYAN
ENGINEERING

PEOPLE
THINK
IT'S 
MAGIC
WE CALL IT
ENGINEERING

ALL IN ONE



ALL IN ONE

- ▶ The All in one Heat Pump contains the heat pump and the storage water tank in a single structural unit. One portion is the heat pump and the other is storage tank. The system is ready to install and comes with plug and play power cable with in/out water connections. It can be installed on the terrace or balcony area. It also has inbuilt overload protection, high pressure protection, dry run protection. This highly compact design can be used for domestic hot water requirements such as in tenements, small bungalows, Apartment, Flats etc.

FEATURES

- ▶ Input Power: 0.7, 1 & 1.5KW
- ▶ Output Heating KW: 2.8, 4 & 6 KW
- ▶ Storage Tank Options: 50,100 & 150 l
- ▶ Refrigerant high pressure protection
- ▶ Only plumbing connections required
- ▶ Hot Dip Galvanized Tank
- ▶ In Built circulation pump (Optional)
- ▶ High quality powder coated body
- ▶ Blazed plate heat exchanger (Optional)
- ▶ Settable Digital Temperature Controller
- ▶ Thermostatic expansion valve
- ▶ In built pressure gauge to monitor the refrigerant level

MODLE SPECIFICATIONS

Description	Model	07 MAGMA 50	10 MAGMA 100	10 MAGMA 150	15 MAGMA 150
Heating Capacity	kW	2.8	4.0	4.0	6.0
POWER CONSUMPTION	KW	0.7	1.0	1.0	1.5
COP with ΔT of 30°C.	coph	4	4	4	4
Fan		0.09	0.09	0.09	0.09
Total Power Consumption	kW	0.79	1.09	1.09	1.09
Voltage	V	220 V - 240 V ~ 50 Hz			
Rated Output Water Temp	°C	55	55	55	55
Max Out Water Temp	°C	60	60	60	60
Rated Hot Water Output	Rise in Temperature °C	30	30	30	30
	Ltrs Per hour	70	100	100	150
Compressor	Type	Rotary	Rotary	Rotary	Rotary
	Refrigerant	R22	R22	R22	R22
Ambient Temp	°C	5 to 45	5 to 45	5 to 45	5 to 45
Outer Pipe Dia	Inch	0.75	1	1	1
Noise in 1 meter distance	dB	≤54dB(A)	≤54dB(A)	≤54dB(A)	≤54dB(A)
Dimension L X W X H (VERTICAL MODEL)	mm	N.A.	650 X 650 X 1500	650 X 650 X 1650	650 X 650 X 1650
Dimension L X W X H (HORIZONTAL MODEL)	mm	950 X 460 X 600	1000 X 650 X 800	1000 X 650 X 950	1000 X 650 X 950
Storage Tank Capacity - Pressurised	Ltrs	50	100	150	150

INSTALLATION PHOTOS



THANK YOU

Contact Details:

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