

ROLLS

HEATPLUS



Air to Water Heat Pump

R32 Inverter EVI Heat Pump featuring high efficiency that can be used reliably in extremely cold areas with temperatures as low as -25°C for heating/cooling, and domestic hot water of up to 60°C . The simple and flexible operation of ROLLS HeatPlus ensures absolute comfort of your home with high cost-effectiveness.

A+++ Energy Efficiency

Japanese compressors with Full DC inverter technology that enables the heat pump to adjust its frequency from 30Hz to 90Hz according to real heating requirement. With this technology, ROLLS HeatPlus achieves energy levels of A+++ according to ErP directive.

Smart Touch Display

ROLLS HeatPlus is designed with a wall mounted 5-inch smart colourful touch display, featuring precise temperature control of 0.5°C , visualisation of the water temperature curve, easy timing, one-key mute and more. It brings users a simple and convenient experience.

Compact Design

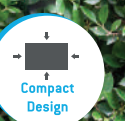
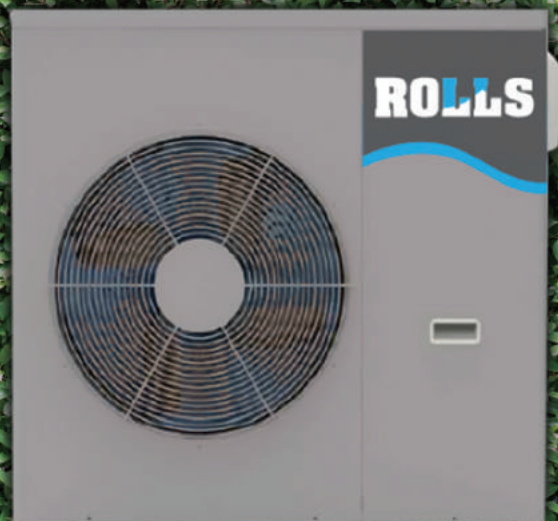
All components are purposefully located within a single outdoor unit. The refrigeration system is entirely contained within the casing with no additional piping work required. Its compact design makes transportation and installation effortless.

Intelligent Defrosting

Intelligent defrosting uses the pressure sliding defrosting technology to figure out the exact defrosting time and start pressure according to the real ambient temperature. This process makes the heat pump work with high efficiency across the operating range.

EVI Technology

ROLLS HeatPlus perfectly combines its smart capabilities with eco-friendly R32 refrigerant and inverter EVI (Enhanced Vapor Injection) technology to produce 60°C of hot water as well as stable house heating even under 25°C low temperature conditions.



Advantages of ROLLS HeatPlus

- ✓ Save space (35% less space)
- ✓ Less weight (20% Less weight)
- ✓ Easy installation
- ✓ Discreet appearance
- ✓ Adaptation to architectural drawings



Technical Specifications

HEATPLUS Model		P06A	P10T	P17T	P24T
Power Supply		230V~/30~90Hz	380V/3N~/30~90Hz	380V/3N~/30~90Hz	380V/3N~/30~90Hz
Moisture Resistance	IPX	IPX4	IPX4	IPX4	IPX4
Heating Condition - Ambient Temp. (DB/WB): 7/6°C, Water Temp. (In/Out): 30/35°C					
Heating Capacity Range	kW	2.29~8.25	4.70~12.50	7.00~20.50	10.00~25.00
Heating Power Input Range	kW	0.63~1.81	1.08~3.44	1.50~6.00	2.80~5.70
Coefficient Of Performance, COP		4.55	4.35	4.67	4.39
Heating Current Input Range	A	3.2~8.0	2.1~5.7	2.5~10.0	4.67~10.17
Cooling Condition - Ambient Temp. (DB/WB): 35/24°C, Water Temp. (In/Out): 12/7°C					
Cooling Capacity Range	kW	1.98~6.10	3.22~11.30	5.50~15.50	6.4~15.8
Cooling Power Input Range	kW	0.70~2.22	1.27~4.64	1.50~6.00	3.4~6.8
Heating Current Input Range	A	3.3~9.7	2.4~7.6	2.5~10.0	6.28~11.6
Hot Water Condition - Ambient Temp. (DB/WB): 20/15°C, Water Temp. (In/Out): 15/55°C					
Hot Water Capacity Range	kW	3.00~9.77	5.76~16.20	9.35~24.30	14.3~28.1
Hot Water Power Input Range	kW	0.60~2.35	1.16~4.20	2.06~6.40	3.4~7.0
Hot Water Current Input Range	A	2.8~10.3	2.2~6.9	3.4~10.7	5.39~11.11
Max. Power Input	kW	2.9	4.64	7.2	12.5
Max. Current Input	A	13	7.6	12	20.3
Water Flow	m ³ /h	1	1.7	2.9	4.2
Refrigerant / Proper Input	kg	R32 / 1.3kg	R32 / 1.6kg	R32 / 2.0kg	R32 / 3.4kg
Noise Level (1m)	dB(A)	37~54	42~55	44~58	53~59
Net Weight	kg	90	108	140	206
Operation Pressure(Low Side)	MPa	2.1	2.1	2.1	2.1
Operation Pressure(High Side)	MPa	4.4	4.4	4.4	4.4
Unit Dimension(L/W/H)	mm	1002x490x805	953x460x915	997x437x1315	1178x450x1605
Compressor		Panasonic	Panasonic	Panasonic	Panasonic
Circulation Pump		Grundfos	Grundfos	Grundfos	Grundfos
Operating Ambient Temperature	°C	-25~43	-25~43	-25~43	-25~43
Fan Quantity		1	1	2	2
Water Connection (inch)	inch	1	1	1 1/4	1 1/4
Water Pressure Drop (max)	kPa	28	35	65	68
Circulation Pump Head	m	5.5	5.5	12.5	21
Cabinet Type		Galvanized sheet	Galvanized sheet	Galvanized sheet	Galvanized sheet

*The data above is only a reference. For model specifications, please refer to the nameplate on the unit.