

Features and Benefits

Hitachi's new Yutaki Heat Pump is the ideal heating solution incorporating integrated features and controls which deliver all the functions of a fully-fledged heating system, making them the ideal replacement for a traditional, boiler-led, set up. This range has three models from 8kW to 15kW which offer the following benefits:

- **High COP's**
COP of 4.28 is achievable
- **Low Running Costs**
Large savings over traditional heating methods
- **DC Inverter Technology**
Temperature control is regulated by DC Inverter technology
- **Guaranteed Hot Water**
Constant water production at 65°C, ensures hot water production for the bathroom at all times
- **Ideal for Any Application**
Ideal heating solution for retrofit or new-build applications
- **Standard Controller**
The Hitachi programmable Wireless Controller is designed to control your heating system efficiently, providing comfortable temperatures when you are at home and energy savings when you are away
- **Control Features**
- **Outside Temperature Compensated (OTC) Control**
- **Use of Auxiliary Heating**
- **Electric Heater Control**
- **Boiler Control**
- **DHW Control**



RHUE A(V)HN



RHUE A(V)HN



Wireless Controller

- **Summer Switch-Off**
- **Outdoor Temperature Limit**
- **System Frost Protection**
- **New Floor Screed-Drying Function**
- **Anti-Seize Function (pump/valve exercise)**

System Features	RHUE 3AVHN	RHUE 4AVHN	RHUE 5AVHN	RHUE 5AHN
Hot Water Heating	✓	✓	✓	✓
Underfloor Heating	✓	✓	✓	✓
Radiator Heating	✓	✓	✓	✓
Floor Screed Drying Function	✓	✓	✓	✓
Frost Protection	✓	✓	✓	✓
Outside Temperature Compensation	✓	✓	✓	✓
Electric Heater Control	✓	✓	✓	✓
Anti Seize Function	✓	✓	✓	✓
Mono Valent Systems	✓	✓	✓	✓
Bi-Valent Systems	✓	✓	✓	✓
Remote Controller Type	Wireless			
Remote Control Timer	7 Day Weekly Timer			

Yutaki Heat Pump

Yutaki Heat Pump	Outdoor 1Ø	RHUE 3.0AVHN	RHUE 4.0AVHN	RHUE 5.0AVHN	-
	Outdoor 3Ø	-	-	-	RHUE 5.0AHN
Nominal Capacity (Kw) (min~max)	7°C ext./ 35°C Water	7.1 (5.0 ~ 8.2)	9.5 (5.0 ~ 10.9)	11.5 (6.9 ~ 15.0)	11.5 (6.9 ~ 15.0)
Capacity (Kw) (min~max)	7°C ext./ 45°C Water	7.1 (5.0 ~ 8.1)	9.2 (5.0 ~ 10.2)	11.4 (6.8 ~ 14.0)	11.4 (6.8 ~ 14.0)
	-7°C ext./ 45°C Water	5.5 (3.8 ~ 6.2)	7.1 (3.8 ~ 7.9)	8.8 (5.3 ~ 10.8)	8.8 (5.3 ~ 10.8)
COP ¹	Cooling	4.28	4.06	4.06	3.91
Sound Pressure Level dB(A)	Liquid	48	49	51	51
Outdoor Fan (m³/min)	Length	5100	5700	6000	6000
Dimensions (mm) & Weight (kg)	Height	1480			
	Width	1250			
	Depth	444			
	Weight	150	150	155	160
Usable Outdoor Temperature (°C)	Heating	(-20 ~ +37.5)wb			
Power Supply		1Ph 220-240V 50Hz			3Ph 380-415V 50Hz
Total Current (A)		9.9	13.4	16.9	7.0
Recommended Fuse Size (A)		16	16	20	10

¹COP based on following conditions 7°C Air / 35°C Water (excludes water pump)