

YUTAKI-S RWM 2.0~10.0NE

Hitachi's Yutaki-S heat pump is the ideal solution for both new build and renovation projects with exceptional performance for heating and domestic hot water.



FEATURES AND BENEFITS

- One of the best COP's on the market up to 5.25
- Domestic hot water and heating – ideal boiler replacement technology
- Two heating circuits

AVAILABLE WITH ELECTRIC BACKUP HEATER AS STANDARD:

- Screed drying function ideal for new builds
- Weather compensation control
- Generate water up to 60°C
- DHW legionella protection program
- Eligible for domestic and non-domestic RHI
- ErP energy efficiency class of up to A+++

REMOTE CONTROLLERS



PC-ARFHE

- New *wired* thermostat with dedicated end user view
- Weekly timer
- Holiday mode
- Smart function
- Favourite button
- Setup wizard

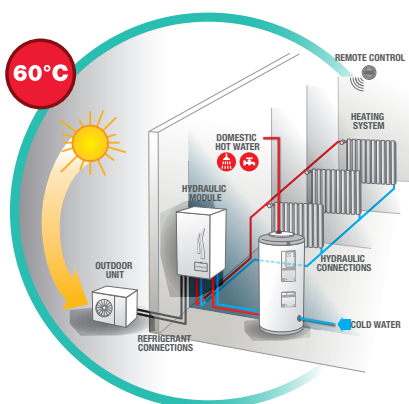


ATW-RTU

- New *wireless* remote thermostat
- Easy to fit
- Simple to use
- Control remotely via smartphone app

DOMESTIC HOT WATER

- Capable of producing domestic hot water when combined with optional hot water tank



SPLIT	kW	4.3	6	7.5	11	14	16	20	24
YUTAKI-S (HEATING ONLY)		✓	✓	✓	✓	✓	✓	✓	✓



- Optional cooling accessory kit available
- Optional domestic hot water tank and buffer tank range available
- One of the widest ranges on the market
- Available from 4.3 to 24 kW, single and three phase models available
- Year-round comfort, with heat output available at ambient temperatures as low as -20°C



RWM 2.0~10.0NE



RAS 2~3HVRN2



RAS 4~10WH(V)NP

INDOOR HYDRAULIC MODULES

Indoor Unit Model		RWM 2.0NE	RWM 2.5NE	RWM 3.0NE	RWM 4.0NE	RWM 5.0NE	RWM 6.0NE	RWM 8.0NE	RWM 10.0NE
Outdoor Unit Model		RAS 2WHVNP	RAS 2.5WHVNP	RAS 3WHVNP	RAS 4WH(V)NP	RAS 5WH(V)NP	RAS 6WH(V)NP	RAS 8WH(V)NP	RAS 10WH(V)NP
Nominal Capacity (max)	kW	4.30 (7.00)	6.00 (9.00)	7.50 (11.00)	11.0 (15.20)	14.0 (16.70)	16.00 (17.80)	20.00 (25.50)	24.0 (32.00)
Water 30/35°C, Ambient 7db/6wb°C	COP	5.25	4.8	4.55	5.00	4.71	4.57	4.57	4.30
Nominal Capacity (max)	kW	4.30 (6.20)	6.00 (9.00)	7.50 (10.00)	11.0 (14.10)	14.0 (15.70)	16.00 (17.30)	20.00 (25.00)	24.0 (32.00)
Water 40/45°C, Ambient 7db/6wb°C	COP	3.90	3.59	3.50	3.98	3.61	3.40	3.40	3.30
Nominal Capacity (max)	kW	4.30 (6.00)	6.00 (8.00)	7.50 (9.20)	11.0 (13.5)	14.0 (15.20)	16.00 (17.00)	20.00 (24.00)	24.0 (32.00)
Water 47/55°C, Ambient 7db/6wb°C	COP	3.00	2.89	2.57	3.00	2.80	2.50	2.72	2.65
Nominal Capacity (max)	kW	3.50 (5.50)	4.50 (7.00)	5.50 (8.90)	9.50 (12.80)	10.50 (13.90)	11.10 (15.00)	12.30 (20.00)	13.00 (20.70)
Water 30/35°C, Ambient 2db/1wb°C	COP	4.10	3.65	3.53	3.61	3.55	3.41	3.51	3.41
Nominal Capacity (max)	kW	4.30 (4.70)	5.30 (5.70)	5.80 (6.70)	9.70 (10.60)	11.50 (12.00)	12.00 (13.00)	14.20 (17.90)	16.50 (21.00)
Water 30/35°C, Ambient -7db/-8wb°C	COP	2.85	3.65	2.57	2.74	2.65	2.57	2.57	2.57
Nominal Capacity (max)	kW	4.30 (4.60)	5.00 (5.50)	6.00 (6.40)	10.0 (10.00)	11.00 (11.60)	11.50 (12.50)	15.00 (16.60)	16.50 (18.50)
Water 40/45°C, Ambient -7db/-8wb°C	COP	2.45	2.25	2.25	2.45	2.25	2.15	2.08	1.74
Nominal Capacity (max)	kW	4.00 (4.20)	4.60 (5.00)	5.00 (5.50)	8.70 (9.70)	9.70 (11.20)	10.50 (12.00)	12.50 (14.50)	15.50 (17.30)
Water 47/55°C, Ambient -7db/-8wb°C	COP	1.93	1.82	1.6	1.78	1.85	1.75	1.70	1.50
Water Flow Rate min/max	m³/hr	0.5 / 1.9	0.6 / 2.0	0.6 / 2.1	1.0 / 2.9	1.1 / 3.0	1.2 / 3.0	2.0 / 4.5	2.2 / 4.6
Minimum Water Volume (Defrost)	L	28.0			38.0	46.0	55.0	76.0	79.0
Water Connections	Inch	1" Female			1 1/4" Female				
Expansion Vessel Size	L				6.0	10.0			
Pump Type		Yonos PARA RS 15/7.0			Yonos PARA RS 15/7.5			UPML GEO 25-105	
Water Temperature Range	°C	20 - 55			20 - 60				
Piping Diameter (liquid/gas)	Inch	1/4" / 5/8"	3/8" / 5/8"					3/8" / 1 1/8"	1/2" / 1 1/8"
Power Supply		230V/1Ph/50Hz			230V/1Ph/50Hz + 400V/3Ph/50Hz			400V/3Ph/50Hz	
Circuit Breaker Size (with DHW tank heater)	A	20.0							
Maximum Operating Current (with DHW tank heater)	A	15.3			15.4				
Sound Power Level	dB(A)	37.0			39.0			47.0	
Dimensions (H x W x D) Including Connections	mm	782 x 450 x 275			960 x 520 x 360			960 x 670 x 360	
Gross Weight	Kg	60.0		61.0	71.0			90.0	93.0

IVX OUTDOOR UNITS

Outdoor Unit Model		RAS 2WHVNP	RAS 2.5WHVNP	RAS 3WHVNP	RAS 4WH(V)NP	RAS 5WH(V)NP	RAS 6WH(V)NP	RAS 8WHVNP	RAS 10WHVNP
Refrigerant		R410A							
Minimum Piping Length	m	5.0							
Maximum Chargeless Piping Length	m	15.0							
Piping Diameter (liquid/gas)	Inch	3/8" / 5/8"				1/4" / 1/2"		3/8" / 1 1/8"	1/2" / 1 1/8"
Maximum Piping Length	m	50.0			75.0				
Additional Refrigerant Charge	g (per metre)	30.0		40.0	60.0				
Power Supply		230V/1Ph/50Hz			230V/1Ph/50Hz + 400V/3Ph/50Hz			400V/3Ph/50Hz	
Circuit Breaker Size (Single/Three Phase)	A	20			32 / 16			24	
Maximum Operating Current	A	13.8	15.8	17.8	30.5 / 14		30.5 / 16	24.0	
Sound Power Level @ 7/35*	dB(A)	59.0	60.0	61.0	63.0	64.0	65.0	71.0	72.0
Dimensions (H x W x D)	mm	600 x 792 x 300			1380 x 950 x 370				
Gross Weight	Kg	46.0		49.0	116.0			137.0	139.0
Compressor Type	mm	Scroll DC Inverter Driven							

* Sound power level in accordance to the standard EN 12102 at conditions specified in EN 14511 performance test



For ErP performance
data visit us at:
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