

YUTAKI-M RASM 3~6(V)NE

Hitachi's Yutaki-M monobloc heat pump is a compact solution for heating and domestic hot water.



FEATURES AND BENEFITS

- Domestic hot water as well as heating – ideal boiler replacement technology
- Two heating circuits
- Screed drying function ideal for new builds
- Weather compensation control
- Generate water up to 60°C
- DHW legionella protection program
- One of the best COP's on the market up to 5.00
- A fully certified range. All models in the Yutaki-M range carry MCS accreditation
- Eligible for domestic and non-domestic RHI
- ErP energy efficiency class of up to A+++

REMOTE CONTROLLERS



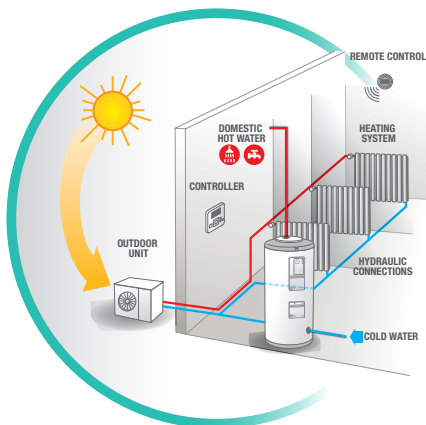
PC-ARFHE

- 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



MONOBLOC	kW	4.3	6	7.5	11	14	16	20	24
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YUTAKI-M
(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 7.5 to 16 kW, single and three phase models available
- Year-round comfort, with heat output available at ambient temperatures as low as -20°C

InstallerLive
AWARDS 2011
winner

HEATING MANUFACTURER OF THE YEAR

"The judges felt Hitachi provided an excellent submission, a great product and the way forward."
Hitachi's Yutaki-M Heat Pump



RASM 3VNE



RASM 4-5-6(V)NE

YUTAKI-M AIR-TO-WATER HEAT PUMP

Outdoor Unit Model		RASM-3VNE	RASM-4(V)NE	RASM-5(V)NE	RASM-6(V)NE
Nominal Capacity (max)	kW	7.50 (11.00)	11.00 (15.20)	14.00 (16.70)	16.0 (17.80)
Water 30/35°C, Ambient 7db/6wb°C	COP	4.55	5.0	4.71	4.57
Nominal Capacity (max)	kW	7.50 (10.00)	11.00 (14.10)	14.00 (15.70)	16.0 (17.30)
Water 40/45°C, Ambient 7db/6wb°C	COP	3.50	3.80	3.61	3.40
Nominal Capacity (max)	kW	7.50 (9.20)	11.00 (13.50)	14.00 (15.20)	16.0 (17.00)
Water 47/55°C, Ambient 7db/6wb°C	COP	2.70	3.00	2.80	2.50
Nominal Capacity (max)	kW	5.50 (8.90)	9.50 (12.80)	10.50 (13.90)	11.10 (15.00)
Water 30/35°C, Ambient 2db/1wb°C	COP	3.53	3.70	3.55	3.41
Nominal Capacity (max)	kW	5.80 (6.70)	9.70 (10.60)	11.50 (12.00)	12.00 (13.00)
Water 30/35°C, Ambient -7db/-8wb°C	COP	2.57	2.74	2.65	2.57
Nominal Capacity (max)	kW	6.00 (6.40)	10.00 (10.00)	11.00 (11.60)	11.50 (12.50)
Water 40/45°C, Ambient -7db/-8wb°C	COP	2.25	2.45	2.25	2.15
Nominal Capacity (max)	kW	5.00 (5.50)	8.70 (9.70)	9.70 (11.20)	10.50 (12.00)
Water 47/55°C, Ambient -7db/-8wb°C	COP	1.72	1.78	1.85	1.75
Water Flow Rate min/max	m ³ /hr	0.6 / 2.1	1.0 / 2.8	1.1 / 3.0	1.2 / 3.0
Minimum Water Volume (Defrost)	L	28.0	38.0	46.0	55.0
Water Connections	Inch	1 1/4" Female			
Expansion Vessel Size	L	6.0			
Pump Type		Yonos PARA RS 15/7.0	Yonos PARA RS 15/7.5		
Water Temperature Range	°C	20 - 55	20 - 60		
Power Supply		230V/1Ph/50Hz	230V/1Ph/50Hz + 400V/3Ph/50Hz		
Circuit Breaker Size (with DHW tank heater)	A	32.0	50 / 32		
Circuit Breaker Size (without DHW tank heater)	A	20.0	32 / 20		
Maximum Operating Current (with DHW tank heater)	A	33.0	45.8 / 30		45.8 / 39.4
Maximum Operating Current (without DHW tank heater)	A	18.0	30.8		
Sound Power Level @7/35 *	dB(A)	61.0	63.0	64.0	65.0
Dimensions (H x W x D) Including Connections	mm	800 x 1252 x 370	1380 x 1252 x 370		
Gross Weight	Kg	115.0	135.0	140.0	144.0

* 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:
hitachiircon.com/erpactive

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