

YUTAKI-SCOMBI RWD 2.0~6.0NWE

Hitachi's Yutaki-SCombi heat pump is an integrated solution for new build and renovation projects with exceptional performance for heating and domestic hot water, with one of the best heating COP's on the market.



FEATURES AND BENEFITS

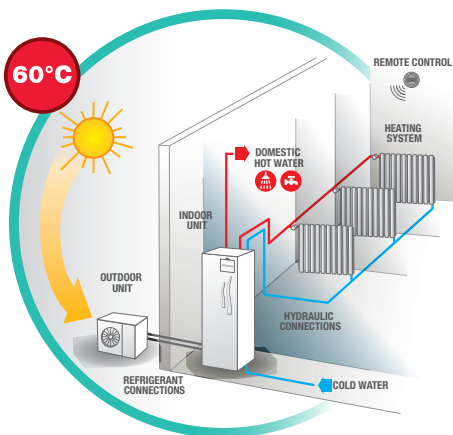
- One of the best COP's on the market up to 5.25
- Two heating circuits
- The choice for an economic and efficient solution
- Integrated DHW production, two tank capacities: 200 and 260 L

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+++
- Pre plumbed and pre wired

DOMESTIC HOT WATER

- Capable of producing domestic hot water from integral hot water tank



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

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



- Optional cooling accessory kit available
- One of the widest ranges on the market
- Available from 4.3 to 16 kW, single and three phase models available
- Year-round comfort, with heat output available at ambient temperatures as low as -20°C



RWD 2.0-6.ONWE (200/260)S-K



RAS 2-6WHVNP

INDOOR HYDRAULIC MODULES

Indoor Unit Model		RWD2.ONWE (200/260)S-K	RWD2.5NWE (200/260)S-K	RWD3.ONWE (200/260)S-K	RWD4.ONWE (200/260)S-K	RWD5.ONWE (200/260)S-K	RWD6.ONWE (200/260)S-K
Outdoor Unit Model		RAS-2WHVNP	RAS-2.5WHVNP	RAS-3WHVNP	RAS-4WHVNP	RAS-5WHVNP	RAS-6WHVNP
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)
Water 30/35°C, Ambient 7db/6wb°C	COP	5.25	4.8	4.55	5.00	4.71	4.57
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)
Water 40/45°C, Ambient 7db/6wb°C	COP	3.90	3.59	3.50	3.98	3.61	3.40
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)
Water 47/55°C, Ambient 7db/6wb°C	COP	3.00	2.89	2.57	3.00	2.80	2.50
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)
Water 30/35°C, Ambient 2db/1wb°C	COP	4.10	3.65	3.53	3.61	3.55	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)
Water 30/35°C, Ambient -7db/-8wb°C	COP	2.85	3.65	2.57	2.74	2.65	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)
Water 40/45°C, Ambient -7db/-8wb°C	COP	2.45	2.25	2.25	2.45	2.25	2.15
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)
Water 47/55°C, Ambient -7db/-8wb°C	COP	1.93	1.82	1.6	1.78	1.85	1.75
Water Flow Rate min/max	m³/hr	0.5 / 1.8	0.6 / 1.9	0.6 / 1.9	1.0 / 2.7	1.1 / 2.8	1.2 / 2.8
Minimum Water Volume (Defrost)	L	28.0			38.0	46.0	55.0
Water Connections	Inch	1" Female			1 1/4" Female		
DHW Connections	Inch				3/4" 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		
Piping Diameter (liquid/gas)	Inch	1/4" / 5/8"		3/8" / 5/8"			
Power Supply		230V/1Ph/50Hz			230V/1Ph/50Hz + 400V/3Ph/50Hz		
Circuit Breaker Size (with DHW tank heater)	A	20.0					
Maximum Operating Current (with DHW tank heater)	A	14.5			14.7		
Sound Power Level	dB(A)	37.0			39.0		
Dimensions (H x W x D) Including Connections	mm	1816 x 600 x 733					
Gross Weight - 200L	Kg	131.0		132.0	135.0		137.0
Gross Weight - 200L	Kg	146.0		147.0	150.0		152.0

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
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"	
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		
Circuit Breaker Size (Single/Three Phase)	A	20			32 / 16		
Maximum Operating Current	A	13.8	15.8	17.8	30.5 / 14		30.5 / 16
Sound Power Level @ 7/35*	dB(A)	59.0	60.0	61.0	63.0	64.0	65.0
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		
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:
hitachiaircon.com/erpactive

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