

# Domestic Heating

	Yutaki-S Heat & Cool	Yutampo DHW Only
Model	RWM-FSN3E	TAW-270NH2A
Nominal Heating Capacity (kW)	5.1 ~ 24.0	-
Nominal Cooling Capacity (kW)	3.8 ~ 18.4	-
Maximum Water Outlet	60°C	55°C
Refrigerant / GWP	R410A / 1975	R410A / 1975
Capacity Control	DC-Inverter	DC-Inverter
Operating Range (Heating) (wb)	-20°C / +35(wb)°C	-15°C / +37(wb)°C
Operating Range (Cooling) (db)	- 10°C / +46(db)°C	-
Energy Rating	A	A
Remote Controller Type	Wireless	Wired

## Did you know?

All our Yutaki heat pumps have DHW Legionella Protection Program as standard with the advanced controller.





## Features and Benefits

### Yutaki-M – Monobloc air to water heat pump

RHUE-AVHN1 and RHUE-AVHN-HM

**Compact mono outdoor unit which can be used alongside an existing heating solution.**

- Monobloc air-to-water heat pump system
- Up to 60°C leaving water temperature (55°C for 4~6HP)
- Capacities from 7.5kW to 17.5kW
- Domestic hot water as well as heating – ideal boiler replacement technology
- MCS approved
- High COP of 4.31
- Simple and fast installation with no refrigeration handling required
- Screed drying function ideal for new builds
- Easy-to-use wireless controller with one-touch holiday button and frost protection as standard
- Weather compensation control.

### Yutampo

TAW-NH2A

**A split system with integrated electric auxiliary heating as standard.**

- Stainless steel domestic hot water (DHW) tank with separate outdoor unit
- Completely renewable energy system for domestic hot water
- Converts 1kW consumption into an impressive 3.2kW output
- Operates in outside temperatures as low as -15°C
- Low noise
- Simple to install, operate and service
- Easy-to-use controller with ECO and boost modes, and timer and temperature settings as standard.

### Yutaki-S80

RWH-FSVNFE

**A split system able to generate water up to 80°C.**

- Split air-to-water heat pump comprising indoor and separate outdoor unit
- Domestic hot water as well as heating – ideal boiler replacement technology
- Capacities from 10kW to 18kW
- High COP of 4.36 (4HP)
- Optional 185 or 250-litre DHW tank
- Easy to install, operate and service
- Hot water recovery time same as a DHW boiler
- Smart Cascade system for outstanding seasonal energy efficiency
- Solar integration
- Weather compensation control
- Generate water up to 80°C.



# Domestic Heating



AF-RTU-01

## Yutaki-M

		Outdoor 10	RHUE 3.0AVHN1	RHUE 4.0AVHN-HM	RHUE 5.0AVHN-HM	RHUE 6.0AVHN-HM
		Outdoor 30	-	-	RHUE 5.0AHN-HM	RHUE 6.0AHN-HM
Heating Capacity	Nominal Capacity (min~max)	kW	7.5 (6.2 ~ 11.0)	9.5 (5.0 ~ 10.9)	12.0 (6.9 ~ 15.0)	14.0 (7.8 ~ 17.5)
	Water 30/35°C, Ambient 7db/6wb°C	COP	4.43	4.06	4.01	4.31
	Nominal Capacity (min~max)	kW	7.1 (5.9 ~ 10.2)	9.2 (5.0 ~ 10.2)	11.3 (6.8 ~ 14.0)	13.3 (7.6 ~ 16.5)
	Water 40/45°C, Ambient 7db/6wb°C	COP	3.34	3.05	3.01	3.35
	Nominal Capacity (min~max)	kW	6.4 (5.3 ~ 9.3)	-	-	-
	Water 47/55°C, Ambient 7db/6wb°C	COP	2.71	-	-	-
	Nominal Capacity (min~max)	kW	6.5 (3.5 ~ 7.1)	6.9 (3.8 ~ 7.9)	8.4 (5.2 ~ 10.9)	9.3 (6.1 ~ 12.3)
	Water 30/35°C, Ambient -7db/-8wb°C	COP	2.4	2.55	2.61	2.6
	Nominal Capacity (min~max)	kW	6.4 (3.4 ~ 6.9)	6.5 (3.7 ~ 7.7)	8.1 (5.0 ~ 10.5)	9.0 (5.8 ~ 12.0)
	Water 40/45°C, Ambient -7db/-8wb°C	COP	2.01	2.22	2.28	2.21
Nominal Capacity (min~max)	kW	6.2 (3.3 ~ 6.6)	-	-	-	
Water 47/55°C, Ambient -7db/-8wb°C	COP	1.82	-	-	-	
Water Flow Nominal (min~max)	(m³/hr)	1.29 (0.9 ~ 2.6)	1.63 (0.6 ~ 3.3)	2.06 (0.8 ~ 4.0)	2.41 (0.8 ~ 4.7)	
Water Volume (minimum installation)	L	28	38	46	56	
Airflow Rate	(m³/hr)	4080	5700	6000	6000	
Sound Pressure level	dB(A)	49	49	51	52	
Sound Power level	dB(A)	68	65	67	68	
Dimensions (H x W x D)	mm	800x1250x440	1480x1250x444	1480x1250x444	1480x1250x444	
Weight (10/30)	Kg	110 / -	150 / -	155 / 160	159 / 164	
Working Range	°C	-20°C ~ 40°C				
Refrigerant Quantity	Kg	2.6	2.6	3.4	4.2	
Refrigerant / GWP		R410a / 1975	R410a / 1975	R410a / 1975	R410a / 1975	
Power Supply		230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz 400V / 3Ph / 50Hz	230V / 1Ph / 50Hz 400V / 3Ph / 50Hz	
Recommended Fuse Size	A	25 / -	25 / -	32 / 16	40 / 20	
Starting Current	A	< 10	< 10	< 10	< 10	
Running Current (10/30)	A	7.5 / -	13.4 / -	16.6 / 7.7	17.6 / 8.2	

Prices do not include Controls & Thermostat(s) order separately



RHUE-A(V)HN1



RHUE A(V)HN-HM



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*

# Award-winning Yutaki-M monobloc air to water heat pump

provides up to 70% reduction in CO<sub>2</sub> emissions



400% efficiency as standard

MCS approved



Yutaki-S



RWM FSN3E



AF-RTU-02

Heating & Cooling			RWM 2FSN3E
Heating Capacity	Nominal Capacity (min~max)	kW	5.1 (2.3 ~ 8.0)
	Water 30/35°C, Ambient 7db/6wb°C	COP	5.02
	Nominal Capacity (min~max)	kW	4.7 (2.2 ~ 7.5)
	Water 40/45°C, Ambient 7db/6wb°C	COP	3.51
	Nominal Capacity (min~max)	kW	4.2 (2.0 ~ 5.5)
	Water 47/55°C, Ambient 7db/6wb°C	COP	2.63
	Nominal Capacity (min~max)	kW	4.0 (1.9 ~ 4.7)
	Water */35°C, Ambient -7db/-8wb°C	COP	2.65
	Nominal Capacity (min~max)	kW	3.8 (1.8 ~ 4.4)
	Water */45°C, Ambient -7db/-8wb°C	COP	2.10
Cooling Capacity	Nominal Capacity (min~max)	kW	3.0 (1.6 ~ 3.9)
	Water */55°C, Ambient -7db/-8wb°C	COP	1.62
	Nominal Capacity (min~max)	kW	3.8 (1.8 ~ 5.4)
	Water 12/7°C, Ambient 35/-°C	EER	3.05
	Nominal Capacity (min~max)	kW	5.4 (2.6 ~ 7.5)
	Water 23/18°C, Ambient 35/-°C	EER	3.83
Water Flow Nominal (min~max)	m³/hr	0.9 (0.5 ~ 2.2)	
Water Volume (minimum installation)	L	28	
Sound Pressure level	dB(A)	26	
Dimensions (HxWxD)	mm	890x520x360	
Weight	Kg	55	
Water Pipe Connection (inlet & outlet)	Inch	G 1-1/4 (male)	
Pump Input Power (watts)	W	75	
Electric Heater Power (Steps)	kW	1.0/2.0/3.0	
Power Supply		1Ph 230V 50Hz	
Running Current Pump (Elec. Heater) (1Ø/3Ø)	A	0.3 (13.0)	
Recommended Fuse Size (1Ø/3Ø)	A	20	

Nominal Capacity and COP's includes the defrost factor.



RAS-HVRN2



RAS-HVRNME-AF



RAS-H(V)RNME-AF

	Outdoor 1Ø	RAS 2HVRN2
	Outdoor 3Ø	-
Airflow Rate	(m³/hr)	2100
Sound Pressure Level (Set Back)	dB(A)	45 (43)
Sound Power level	dB(A)	63
Dimensions (HxWxD)	mm	600x792x300
Weight (1Ø/3Ø)	Kg	42
Working Range (Cooling / Heating)	(°C)	10°C ~ 46°Cdb / -20°C ~ 35°Cwdb
Piping diameter (Liquid / Gas)	Inch	1/4 / 1/2
	mm	6.35 / 12.70
Minimum Piping Length	m	5
Max Piping Length / Height Diff (ou below iu)	m	30 / 30 (20)
Refrigerant Charge	Kg	1.6
Refrigerant chargeless length	m	30
Refrigerant / GWP		R410a / 1975
Power Supply		230V / 1Ph / 50Hz
Starting Current	A	< 10
Running Current Heating (Cooling) (1Ø/3Ø)	A	4.1 (5.2) / -
Recommended Fuse Size (1Ø/3Ø)	A	16 / -

\* For Full piping details refer to the Technical Manual

## Domestic Heating



RWM 3FSN3E	RWM 4FSN3E	RWM 5FSN3E	RWM 6FSN3E	RWM 8FSN3E	RWM 10FSN3E
-	-	-	-	-	-
7.5 (3.1 ~ 11.0)	9.8 (4.8 ~ 13.5)	12.0 (6.3 ~ 16.3)	14.0 (5.9 ~ 17.8)	19.6 (11.3 ~ 25.5)	24.0 (11.6 ~ 32.0)
4.55	4.47	4.36	4.11	4.45	4.41
7.1 (2.8 ~ 9.7)	9.2 (4.5 ~ 12.5)	11.3 (5.6 ~ 15.5)	13.3 (5.6 ~ 16.5)	18.4 (10.6 ~ 24.5)	22.6 (10.9 ~ 31.0)
3.47	3.42	3.16	3.01	3.43	3.40
6.2 (2.4 ~ 7.6)	8.1 (4.0 ~ 10.0)	10.1 (5.1 ~ 13.7)	12.6 (5.4 ~ 13.9)	16.2 (9.3 ~ 20.5)	20.2 (9.8 ~ 27.4)
2.65	2.59	2.60	2.47	2.70	2.67
6.4 (3.5 ~ 7.5)	7.6 (2.9 ~ 9.8)	9.0 (3.3 ~ 11.5)	9.4 (3.5 ~ 12.0)	14.8 (8.8 ~ 17.8)	18.0 (8.9 ~ 21.6)
2.51	2.42	2.40	2.34	2.63	2.61
6.0 (3.3 ~ 6.9)	7.1 (2.8 ~ 8.5)	8.3 (3.1 ~ 10.2)	8.7 (3.2 ~ 10.4)	14.2 (8.4 ~ 16.6)	16.6 (8.2 ~ 20.4)
2.33	2.14	1.92	1.81	2.17	2.16
5.3 (2.9 ~ 5.5)	5.9 (2.4 ~ 6.3)	7.7 (2.9 ~ 8.7)	7.9 (3.0 ~ 8.9)	11.8 (7.0 ~ 12.6)	15.4 (7.6 ~ 17.7)
1.80	1.55	1.55	1.46	1.73	1.72
6.0 (2.5 ~ 6.9)	7.2 (2.6 ~ 8.2)	9.2 (3.3 ~ 10.3)	10.5 (3.1 ~ 11.5)	14.4 (6.7 ~ 16.4)	18.4 (6.4 ~ 20.6)
3.07	3.06	3.03	2.61	3.53	3.12
7.1 (3.0 ~ 8.0)	10.0 (3.6 ~ 11.2)	12.9 (4.7 ~ 15.0)	15.0 (4.4 ~ 17.8)	20.0 (9.3 ~ 23.5)	24.5 (8.6 ~ 29.0)
4.03	3.88	4.02	3.50	4.43	3.57
1.3 (0.9 ~ 2.6)	1.7 (1.0 ~ 3.3)	2.1 (1.1 ~ 3.6)	2.4 (1.2 ~ 3.6)	3.4 (2.0 ~ 4.7)	4.1 (2.2 ~ 4.8)
28	38	46	55	76	92
27	28	28	28	29	29
890x520x360	890x520x360	890x520x360	890x520x360	890x670x360	890x670x360
56	59	61	61	81	85
G 1-1/4 (male)	G 1-1/4 (male)	G 1-1/4 (male)	G 1-1/4 (male)	G 1-1/4 (male)	G 1-1/4 (male)
100	130	140	140	250	260
1.0/2.0/3.0	2.0/4.0/6.0	2.0/4.0/6.0	2.0/4.0/6.0	3.0/6.0/9.0	3.0/6.0/9.0
1Ph 230V 50Hz	1Ph 230V 50Hz or 3Ph 400V 50Hz			3Ph 400V 50Hz	
0.5 (13.0)	0.6 (26.1) / 0.6 (8.7)	0.6 (26.1) / 0.6 (8.7)	0.6 (26.1) / 0.6 (8.7)	- / 1.1 (13.0)	- / 1.2 (13.0)
20	40 / 16	40 / 16	40 / 16	- / 20	- / 20

Prices do not include Controls & Thermostat(s) order separately

RAS 3HVRNME-AF	RAS 4HVRNME-AF	RAS 5HVRNME-AF	RAS 6HVRNME-AF	-	-
-	RAS 4HRNME-AF	RAS 5HRNME-AF	RAS 6HRNME-AF	RAS 8HRNME-AF	RAS 10HRNME-AF
2700	4800	5400	6000	7260	9000
42 ( 38)	44 (40)	46 (42)	48 (45)	52 (50)	55 (53)
63	65	67	69	74	77
800x950x370	1380x950x370	1380x950x370	1380x950x370	1650x1100x390	1650x1100x390
67	103 / 107	104 / 108	104 / 108	170	170
10°C ~ 46°Cdb / -20°C ~ 35°Cwb					
3/8 / 5/8	3/8 / 5/8	3/8 / 5/8	3/8 / 5/8	3/8 / 11/8*	1/2 / 11/8*
9.53 / 15.88	9.53 / 15.88	9.53 / 15.88	9.53 / 15.88	9.53 / 28.61*	12.70 / 28.61*
5	5	5	5	5	5
30 / 30 (20)	30 / 30 (20)	30 / 30 (20)	30 / 30 (20)	30 / 30 (20)	30 / 30 (20)
2.4	3.9	4.0	4.0	7.3	7.8
30	30	30	30	30	30
R410a / 1975	R410a / 1975	R410a / 1975	R410a / 1975	R410a / 1975	R410a / 1975
230V / 1Ph / 50Hz	230V / 1Ph / 50Hz 400V / 3Ph / 50Hz	230V / 1Ph / 50Hz 400V / 3Ph / 50Hz	230V / 1Ph / 50Hz 400V / 3Ph / 50Hz	400V / 3Ph / 50Hz	400V / 3Ph / 50Hz
< 10	< 10	< 10	< 10	< 10	< 10
6.8 (8.2) / -	9.2 (9.8) / 3.0 (3.3)	11.6 (12.8) / 3.9 (4.3)	14.5 (17.2) / 4.8 (5.7)	- / 6.2 (6.8)	- / 7.8 (8.6)
25 / -	20 / 16	32 / 16	32 / 16	- / 16	- / 20



## Yutaki-S80

			RWH 4FSVNFE	RWH 5FSVNFE	RWH 6FSVNFE
Power Supply			1Ph 230V 50Hz	1Ph 230V 50Hz	1Ph 230V 50Hz
Heating Capacity	Nominal Capacity (max)	kW	10.0 (13.5)	12.0 (16.0)	14.0 (18.0)
	Water 30/35°C, Ambient 7db/6wb°C	COP	4.36	4.27	4.05
	Nominal Capacity (max)	kW	10.0 (13.5)	12.0 (16.0)	14.0 (18.0)
	Water 40/45°C, Ambient 7db/6wb°C	COP	3.45	3.42	3.32
	Nominal Capacity (max)	kW	10.0 (13.5)	12.0 (16.0)	14.0 (18.0)
	Water 47/55°C, Ambient 7db/6wb°C	COP	3.04	3.02	3.01
	Nominal Capacity (max)	kW	10.0 (13.5)	12.0 (16.0)	14.0 (18.0)
	Water 55/65°C, Ambient 7db/6wb°C	COP	2.56	2.56	2.51
	Nominal Capacity (max)	kW	7.6 (10.5)	9.0 (12.3)	9.4 (12..6)
	Water */35°C, Ambient -7db/-8wb°C	COP	2.36	2.32	2.29
	Nominal Capacity (max)	kW	10.0 (13.5)	12.0 (16.0)	14.0 (18.0)
	Water */45°C, Ambient -7db/-8wb°C	COP	2.30	2.30	2.25
	Nominal Capacity (max)	kW	10.0 (13.2)	12.0 (15.9)	14.0 (17.9)
	Water */55°C, Ambient -7db/-8wb°C	COP	2.15	2.15	2.10
Nominal Capacity (max)	kW	10.0 (12.8)	12.0 (15.7)	14.0 (17.6)	
Water */65°C, Ambient -7db/-8wb°C	COP	2.00	1.91	1.81	
Water Flow Nominal (min ~ max)	m³/hr	1.7 (1.0 ~ 2.9)	2.1 (1.1 ~ 3.1)	2.4 (1.1 ~ 3.1)	
Water Volume (minimum installation)	L	40	50	50	
Sound Pressure level dB(A)	dB(A)	tbc	tbc	tbc	
Dimensions (HxWxD) <sup>(1)</sup>	mm	706x595x695	706x595x695	706x595x695	
Weight	Kg	157	162	162	
Refrigerant Charge	Kg	2.5	2.5	2.5	
Refrigerant / GWP		R134a / 1300	R134a / 1300	R134a / 1300	
Water Pipe Connection DHW (inlet & outlet)	Inch	G 3/4 (male)	G 3/4 (male)	G 3/4 (male)	
Water Pipe Connection Space (inlet & outlet)	Inch	G 1 (male)	G 1 (male)	G 1 (male)	
Pump Input Power	W	140	140	140	
Starting Current	A	tbc	tbc	tbc	
Running Current	A	12.2	12.5	14.5	
Recommended Fuse Size	A	32	32	32	

Nominal Capacity and COP's includes the defrost factor.

<sup>(1)</sup> Dimensions with the minimum mounting foot height. This value can be adjusted up to +30 mm.

			RAS 4HVRNME-AF	RAS 5HVRNME-AF	RAS 6HVRNME-AF
Power Supply			230V / 1Ph / 50Hz	230V / 1Ph / 50Hz	230V / 1Ph / 50Hz
Airflow Rate	(m³/hr)		4800	5400	6000
Sound Pressure Level (Set Back)	dB(A)		44 (40)	46 (42)	48 (45)
Sound Power level	dB(A)		65	67	69
Dimensions (HxWxD)	mm		1380x950x370	1380x950x370	1380x950x370
Weight	Kg		103	104	104
Working Range	(°C)		-20°C ~ 35°Cwb		
Piping diameter (Liquid / Gas)	Inch		3/8 / 5/8	3/8 / 5/8	3/8 / 5/8
	mm		9.53 / 15.88	9.53 / 15.88	9.53 / 15.88
Minimum Piping Length	m		5	5	5
Max Piping Length / Height Diff (ou below iu)	m		30 / 30 (20)	30 / 30 (20)	30 / 30 (20)
Refrigerant Charge	Kg		3.9	4.0	4.0
Refrigerant chargeless length	m		30	30	30
Refrigerant / GWP			R410a / 1975	R410a / 1975	R410a / 1975
Starting Current	A		< 10	< 10	< 10
Running Current	A		9.2	11.6	14.5
Recommended Fuse Size	A		20	32	32

## Domestic Heating



RWH 4FSNFE	RWH 5FSNFE	RWH 6FSNFE
3Ph 400V 50Hz	3Ph 400V 50Hz	3Ph 400V 50Hz
10.0 (13.5)	12.0 (16.0)	14.0 (18.0)
4.36	4.27	4.05
10.0 (13.5)	12.0 (16.0)	14.0 (18.0)
3.45	3.42	3.32
10.0 (13.5)	12.0 (16.0)	14.0 (18.0)
3.04	3.02	3.01
10.0 (13.5)	12.0 (16.0)	14.0 (18.0)
2.56	2.56	2.51
7.6 (10.5)	9.0 (12.3)	9.4 (12..6)
2.36	2.32	2.29
10.0 (13.5)	12.0 (16.0)	14.0 (18.0)
2.3	2.3	2.25
10.0 (13.2)	12.0 (15.9)	14.0 (17.9)
2.15	2.15	2.1
10.0 (12.8)	12.0 (15.7)	14.0 (17.6)
2.00	1.91	1.81
1.7 (1.0 ~ 2.9)	2.1 (1.1 ~ 3.1)	2.4 (1.1 ~ 3.1)
40	50	50
tbc	tbc	tbc
706x595x695	706x595x695	706x595x695
162	167	167
2.5	2.5	2.5
R134a / 1300	R134a / 1300	R134a / 1300
G 3/4 (male)	G 3/4 (male)	G 3/4 (male)
G 1 (male)	G 1 (male)	G 1 (male)
140	140	140
tbc	tbc	tbc
6.0	6.1	7.0
16	16	16

Prices do not include Controls & Thermostat(s) order separately

RAS 4HRNME-AF	RAS 5HRNME-AF	RAS 6HRNME-AF
400V / 3Ph / 50Hz	400V / 3Ph / 50Hz	400V / 3Ph / 50Hz
4800	5400	6000
44 (40)	46 (42)	48 (45)
65	67	69
1380x950x370	1380x950x370	1380x950x370
107	108	108
-20°C ~ 35°Cwb		
3/8 / 5/8	3/8 / 5/8	3/8 / 5/8
9.53 / 15.88	9.53 / 15.88	9.53 / 15.88
5	5	5
30 / 30 (20)	30 / 30 (20)	30 / 30 (20)
3.9	4.0	4.0
30	30	30
R410a / 1975	R410a / 1975	R410a / 1975
< 10	< 10	< 10
3.0	3.9	4.8
16	16	16

Domestic Hot Water Tank		DHWS195S-2.0H1E	DHWS195S-2.0H1E
Net Water Volume	L	185	250
Material (Tank / Insulation)		AISA 444 / Neopor	AISA 444 / Neopor
Dimensions (HxWxD) <sup>(1)</sup> Separated	mm	1272x595x600	1602x595x600
Dimensions (HxWxD) <sup>(1)</sup> Integrated with RWH	mm	1940x595x600	2270x595x600
Weight	Kg	82	98
Tank maximum working temperature	(°C)	75	75
Tank maximum working pressure	bar	6	6
Electric Heater Power	kW	2	2
Coil Heat Exchanger	m2	1.4	1.4
Water Connection (inlet & outlet)	Inch	G 3/4 (male)	G 3/4 (male)
Coil Connection (inlet & outlet)	Inch	G 3/4 (male)	G 3/4 (male)
Protection		Anode	Anode

Price of PC-S80TE Controller included within DHWT Price



RAS 4/5/6 H(V)RNME-AF







## Yutampo

		Internal DHWT	Outdoor Unit
		TAW-270NH2A	RAC-25NH2A
Power Supply		1Ph 230V 50Hz	1Ph 230V 50Hz
Net Water Volume	L	262	-
EN16147 Standard	COP(DHW)		3.09
	Stand by Power (Pes)	W	30
	Heat up Time (10°C ~ 53°C)	h:s	06:20
	Max Vol of usable water (Vmax) (40°C)	L	375
	Hot Water Reference Temp	°C	53.3°C
Ambient Working range	°C	-	-15°C ~ 37°C
Tank Working Range (inc. electric heater)	°C	40°C ~ 55°C (65°C)	-
Sound Pressure level	dB(A)	-	46
Dimensions (HxWxD)	mm	1570x600x730	570x750x280
Weight	Kg	63	38
Piping diameter (Liquid / Gas)	Inch	1/4 / 1/2	1/4 / 1/2
	mm	6.35 / 12.70	6.35 / 12.70
Minimum Piping Length	m	5	5
Max Piping Length / Height Diff	m	20 / 8	20 / 8
Refrigerant Charge	Kg	0.95	0.95
Refrigerant / GWP		R410a / 1975	R410a / 1975
Water Pipe Connection (inlet & outlet)	Inch	G 3/4 (male)	-
Electric Heater Power	kW	2	-
Maximum Current	A	16	-
Recommended Fuse Size	A	20	20



TAW-270NH2A



RAC-25NH2A

# The Yutaki family of air source heat pumps



Domestic  
Heating

Suitable for  
refurbishment projects  
and new build installations

Find out more at  
[www.hitachiaircon.com/heating](http://www.hitachiaircon.com/heating)





## Yutaki Controls Systems &amp; Accessories

Model		Range	
<b>CONTROLLER PACK</b>		Yutaki-M - (A(V)HN / A(V)HN-HM)	Yutaki-M Controller Pack (55C machine)
ATW-CPA-01	1	Yutaki-M - (A(V)HN1)	Yutaki-M Controller Pack CP60 (60C machine)
ATW-CPA-02		Yutaki-M - (A(V)HN1)	Yutaki-M Advanced Controller for 60C machines
PC-S80TE		Yutaki-S80	Yutaki-S80 Controller (not required if Yutaki-S80 DHWS Tank used)
ATW-RTU-01	2	Yutaki-S (RWM - FSN3E)	On/Off Thermostat (receiver + Room Thermostat)
ATW-RTU-02		Yutaki-S (RWM - FSN3E)	Intelligent Thermostat (receiver + Room Thermostat)
ATW-RTU-03		Yutaki-S (RWM - FSN3E)	2nd Temp Thermostat, only RTU-02 (Only Room Thermostat)
RHM-EH01E	3	Yutaki-M - (All Models)	Hydraulic Module - Electric Heater inc. Control Pack
RHM-BC01E		Yutaki-M - (All Models)	Hydraulic Module - Boiler Combination inc. Control Pack
ATW-PK1-01		Yutaki-M - (A(V)HN1)	Pump Kit (Top-S 25/7)
ATW-PK2-01		Yutaki-M - (A(V)HN1)	Pump Kit (Top-S 25/10)
ATW-PK3-01	4	Yutaki-M - (A(V)HN1)	Pump Kit (Top-S 25-70/180)
Pump Kit A (small)		Yutaki-M - (A(V)HN / A(V)HN-HM)	Pump Kit A (small) 55C machines
Pump Kit B (big)		Yutaki-M - (A(V)HN / A(V)HN-HM)	Pump Kit B (big) 55C machines
ATW-WCV-C01	5	Yutaki-M - (All Models)	Water Check Valve
WEH-6E	6	Yutaki-M - (All Models)	Both 1 Ø & 3Ø Electric Heater 6kw - (2/4/6kw stages)
ATW-HSK-01	7	Yutaki-M/S	Hydraulic Separator - (previously BDHM1)
ATW-3WV-01	8	Yutaki-M/S	3 Way Valve - (previously VID3V1)
ATW-2KT-01	9	Yutaki-M/S	2nd Zone Temperature Kit (previously CDH2Z1)
ATW-AQT-01	10	Yutaki-M/S	Aquastat (previously ASMSH1)
ATW-WTS-02Y	11	Yutaki-M/S	Water Temperature Sensor for Hot Water Tank (Included with HAPE Tank)
DBS-26	12	Yutaki-M/S	Drain Boss
ATW-MVM-01	13	Yutaki-S (RWM - FSN3E)	Mixing valve motor
ATW-DPK-01	14	Yutaki-S (RWM - 2.0~6.0FSN3E)	Drain Pan Kit for RWM
ATW-DPK-02		Yutaki-S (RWM - 8 ~ 10FSN3E)	Drain Pan Kit for RWM
ATW-AOS-01	15	Yutaki-S (RWM - FSN3E)	Auxiliary output signal box
ATW-20S-01		Yutaki-S (RWM - FSN3E)	2nd Outdoor Temperature Sensor
ATW-WTS-02	11	Yutaki-S (RWM - FSN3E)	Water Temperature Sensor (2nd Temp control, boiler combination)
ATW-SPS-01		Yutaki-S (RWM - FSN3E)	Swimming Pool Sensor
DHWT200E - 2.5H1E		Yutaki-M/S	200L Enamelled Tank inc. 2.5kw electric heater
DHWT300E - 2.5H1E	16	Yutaki-M/S	300L Enamelled Tank inc.. 2.5kw electric heater
DHWT200S - 2.5H1E		Yutaki-M/S	200L Stainless Steel Tank inc. 2.5kw electric heater
DHWT300S - 2.5H1E		Yutaki-M/S	300L Stainless Steel Tank inc. 2.5kw electric heater
DHWT-CP-01		Yutaki-M/S	Permanent cathode protection for enamelled tank 200L
DHWT-CP-02	17	Yutaki-M/S	Permanent cathode protection for stainless steel tank 200L
DHWT-CP-03		Yutaki-M/S	Permanent cathode protection for enamelled tank 300L
DHWT-CP-04		Yutaki-M/S	Permanent cathode protection for stainless steel tank 300L
DHWT-SWG-01	18	Yutaki-M/S	Safety valves



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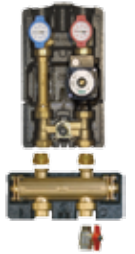
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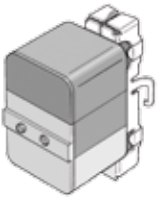
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