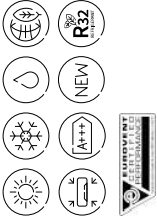


Yutaki M

Compact unit for heating, hot water and cooling without refrigeration connections



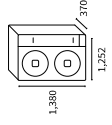
Perfect for small spaces

The Hitachi monobloc system is designed for installation in any type of property, especially homes with limited space.

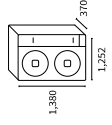
Being a compact system with a single unit installed outdoors means the available space indoors remains unchanged.

Easy to install

The monobloc system ensures all functions are achieved with a single outdoor unit, bringing significant cost savings. Furthermore, installation time is much shorter since practically no pipes are required, there are no cooling connections, and the product is pre-charged at the factory.



RASHM-2VIRE
RASHM-5VINE
RASHM-3VINE



RASHM-4VINE
RASHM-5VINE
RASHM-6VINE

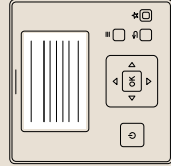
Heating and cooling in a single system all year round

By combining the Yutaki M and the Cooling Kit, the accessory used to reverse heat pump operation ensures maximum comfort can be enjoyed all year round. The system therefore offers heating in winter and cooling in summer, all with straightforward installation.

Easy, smart control

The control with LCD screen can be used for daily and weekly programming, managing water production temperature, operating modes, etc.

(Fig. 1)



PC-ARFHE control

Fig. 1

Yutaki M

Name of the system	Yutaki M 2	Yutaki M 3	Yutaki M 4	Yutaki M 5	Yutaki M 6
Outdoor unit	RASHM-2VIRE	RASHM-3VIRE	RASHM-4VINE	RASHM-5VINE	RASHM-6VINE
Capacity	1.85/4.30/6.50	2.1/6.0/11.00	4.30/11.00/15.20	4.80/14.00/16.70	5.50/16.00/17.50
	4.00/5.00	6.50/7.00	7.20/11.80	9.50/12.60	10.50/13.70
Consumption	0.82	1.74	2.20	2.97	3.50
	1.00	1.94	2.18	2.68	3.17
Electrical power	1-230V 50Hz	1-230V 50Hz	1-230V 50Hz	1-230V 50Hz	1-230V 50Hz
	-	-	3N-400V 50 Hz	3N-400V 50 Hz	3N-400V 50 Hz
COP (Water 35°C, Ambient 7°C)	5.25	4.60	5.00	4.71	4.57
EER (Water 7°C, Ambient 35°C)	4.00	3.35	3.54	3.71	3.31
Energy rating at 35°C	A+++	A+++	A+++	A+++	A+++
Seasonal efficiency at 35°C, SCOP / %	4.93/181	4.25/177	4.75/187	4.45/175	3.90/152
Energy rating at 55°C	A++	A++	A++	A++	A++
Seasonal efficiency at 55°C, SCOP / %	3.58/133	3.25/125	3.46/136	3.40/133	3.30/125
ESEER	3.36	3.26	3.33	3.29	2.84
SEER / %	4.11/162	3.59/155	4.32/194	4.87/190	4.70/185
Three-phase	-	-	5.05/199	4.92/194	4.78/188
Outdoor operating temperatures	-20 to 25	-20 to 25	-25 to 25	-25 to 25	-25 to 25
Heating (DB)	-20 to 35	-20 to 35	-25 to 35	-25 to 35	-25 to 35
Hot water (DB)	10 to 46	10 to 46	10 to 46	10 to 46	10 to 46
Cooling (DB)	20 to 60	20 to 60	20 to 60	20 to 60	20 to 60
Water production temperatures	30 to 75	30 to 75	30 to 75	30 to 75	30 to 75
Hot water	5 to 22	5 to 22	5 to 22	5 to 22	5 to 22
Cooling	12.7	17.2	30.8	30.8	30.8
Maximum current	-	-	14.3	14.3	16.3
Three-phase	1-1	1-1	1-1/4-1-1/4	1-1/4-1-1/4	1-3/4-1-3/4
Water pipe diameter	1	28	28	38	46
Input-output	inches	inches	inches	inches	inches
Minimum water volume of the installation	l	l	l	l	l
Water flow	m ³ /h	0.50-0.77-1.90	0.60-1.29-2.10	1.00-1.89-2.80	1.10-2.41-3.00
Air flow	m ³ /h	2.526	2.882	4.800	5.400
Sound power	dB(A)	61	69	64	65
Compressor	Scroll DC Inverter	Scroll DC Inverter	Scroll DC Inverter	Scroll DC Inverter	Scroll DC Inverter
Refrigerant	R32	R32	R410A	R410A	R410A
Refrigerant charge	kg (m)	1.20	1.30	2.80	3.10
Dimensions (HxWxD)	mm	704 x 1,248 x 300	704 x 1,248 x 300	1,306x1,252x370	1,380x1,252x370
Weight	kg	76	78	131	133
Single-phase	-	-	130	132	132
Three-phase	-	-	-	-	-

*The control must be purchased for operation.

Compatible controls and accessories:



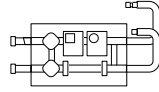
Remote control
PC-ARFHE



3-way valve
ATW-3WV-01



Cooling Kit
ATW-CKM-01
Can be used to switch machine operation to cold.



2nd temperature kit
ATW-2TK-07
For wall-mounting