HITACHI

Yutaki S Yutaki SCombi

Split air-to-water heat pump









The best solution for Heating, Cooling, & Domestic Hot water





INDEX

Discover the new generation of Yutaki S and Yutaki SCombi heat pumps. With their new design, high performances and best controls it is the perfect solution for all your projects!

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Air-to-water heat pump

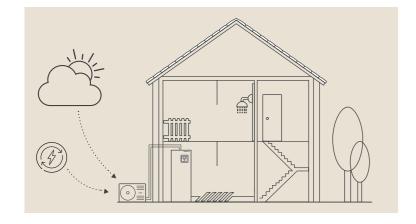
Renewable energy solution

Using renewable energy like air, Hitachi Yutaki air source heat pumps are generating high energy savings having low impact on environment.

Our products are the best support to the green transition and directly contribute to a sustainable and low carbon energy future. Among the best heating systems that suit for all kind of houses, air-to-water heat pumps are able to collect an important amount of energy using only few quantity of electricity.



(1) Keymark certification under process



■ ENERGY SAVINGS

Hitachi air source heat pumps transform energy from outside air, providing perfect comfort at home and reducing energy consumption.

NEW YUTAKI S & SCOMBI LINE-UP

Model	kW	4.3	6	8	11	14	16	20	24
Yutaki S		•	•	•	•	•	•	•	•
Yutaki SCombi		•	•	•	•	•	•		

WIDE CAPACITY RANGE:

Among the widest ranges

on the market from 4.3

to 24kW!

OUTDOOR UNITS



RAS-2~3WHVRP1 RAS-4~10WH(V)NPE

INDOOR UNITS



Yutaki SCombi

Yutaki applications

Ideal solution for house renovation or new house building



VERSATILITY & HIGH EFFICIENCY

Yutaki S and Yutaki SCombi meet all your needs for Heating, Cooling or Domestic Hot Water with:

- External tank for wall mounted indoor units
- Integrated tank for floor standing units.



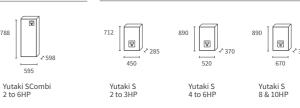


Yutaki can be connected to all kind of emitters such as underfloor heating, radiators or fancoils. Combination with other systems like boiler, solar panels or swimming pool is also easy to do as all controls are embedded in standard in Hitachi Yutaki.

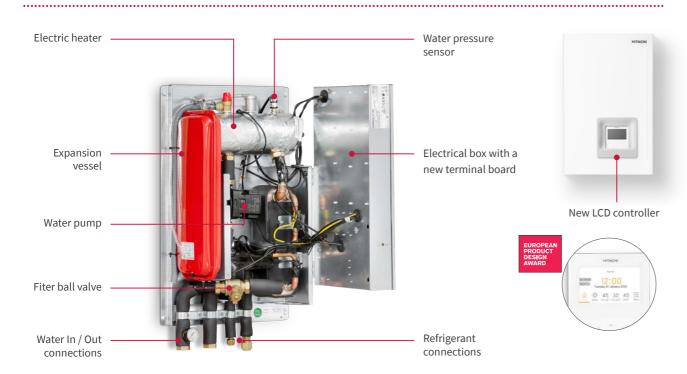


Wall mounted indoor units

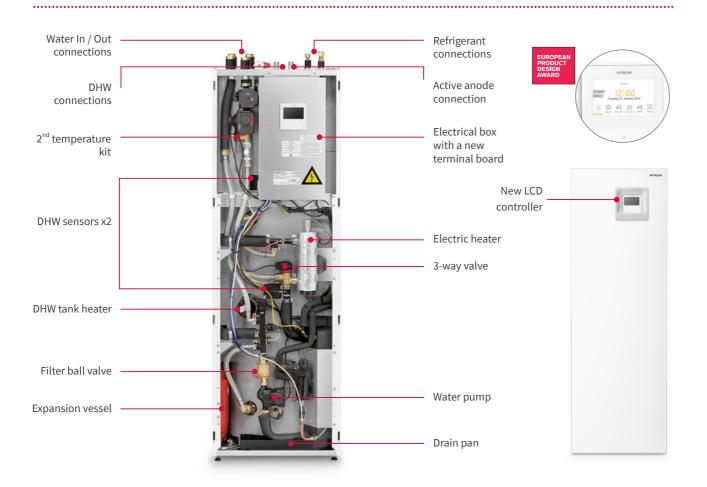




YUTAKI S: A WIDE RANGE FROM 4.3 TO 24KW



YUTAKI SCOMBI: MOST COMPACT ALL-IN-ONE MODEL OF THE MARKET



BEST PERFORMANCES FOR A HIGH LEVEL OF COMFORT



Best performances for a high level of comfort

The most efficient range all year long, whatever the function is

- Seasonal efficiency up to A+++
- Best efficiency: COP 5.25 and EER 5.4
- 60°C down to -10°C outside



Plug & Play units

Make installation easy and quick for all installers

- Connections aligned on the top
- Easy access to all components
- Exclusive functionalities on the LCD controller (Wizard, Live view, Commissioning menu)



Exclusive Europeandesigned unit

Better support installers in their

- Optimized integration into the
- Reduced installation footprint
- Easy to get familiar with the LCD



controller

100% of the range HP Keymark

• Unique European certification

• Highest level of quality and

performances guaranteed

(Keymark certified

certified



Connected solution

R32 regriferant models

well underway at JCH

• More efficient

• Environmentally friendly

• In line with FGas target

Switch to low GWP refrigerant is

Take the control of Yutaki from anywhere!

- Remote control
- Remote maintenance







Controls & connectivity

Newest LCD controller generation





Outstanding design and user experience.

With a sleek, award-winning design, our new advanced color controller offers elegance and ease-of-use.

New Yutaki S & SCombi LCD controller can be detached from indoor units and be used as a wired room thermostat







INTUITIVE AND VISUAL INTERFACE WITH EXCLUSIVE FUNCTIONALITIES

LCD controller can operate as both unit controller and wired thermostat.

- All controls embedded in the LCD controller of Yutaki: second circuit, boiler combination, swimming pool operation, electric heater, etc.
- Configuration of the unit is done in few clicks through the LCD controller!
- ① WIZARD: An intuitive 10-question configuration assistant to get your installation up and running in just 2 minutes. Simple, fast, and always closest to your needs. Answering a short series of questions, unit is configured and ready to operate.
- ② **SYNOPTIC VIEW:** Sytem status can be checked easily directly on the LCD controller with the synoptic view showing unit's live operation information: 23 operating data registered every 5 min.
- 3 FAN COILS CONTROL: No more dedicated thermostat for fan coils is needed. With Yutaki, LCD controller can directly manage the fan coils speed and mode.
- **4 ENERGY CONSUMPTION:** Check and compare directly in Yutaki LCD controller, energy data (input power or capacity) for space heating, cooling, DHW, swimming pool or total of the installation.













HIKUMO & HIKUMO Pro applications



Control your Yutaki heat pump remotely with HIKUMO application:

- Set temperature for heating, cooling, domesitc hot water and swimming pool
- Activate Holiday mode or Weekly timer in few seconds
- Be notified in case of alarm on your

Going even further with Hitachi remote maintenance system for Installers HIKUMO Pro:

- Check live operational datas of all connected heat pumps Alarm notification by email
- Troubleshooting guide available in

Communication interfaces for HIKUMO app and HIKUMO Pro



Home Automation gateway

ATW-TAG-02



HiBox AHP-SMB-01

ROOM THERMOSTATS & CASCADE CONTROLLER

New Yutaki S and Yutaki SCombi are still compatible with our range of thermostat.

Intelligent wireless thermostat

(ATW-RTU-07)



Intelligent wireless thermostat (Circuit 2)

(ATW-RTU-06)



Wired thermostat

(PC-ARFH2E)



Cascade controller (NEW) (ATW-YCC-03)



New cascade controller available for the new generation of Yutaki S and Yutaki SCombi. One central controller to coordinate Yutaki operation installed in cascade:

- Control up to 8 Yutaki in cascade
- Heating, Cooling and DHW
- Exclusive functions: rotary control, alarm control, intelligent defrost

Accessories & online tools

ACCESSORIES



Cooling kit Yutaki S ATW-CKS-01/02/03



Indoor wired sensor ATW-ITS-01



2nd temp. kit (integrated) ATW-2TK-08



3-way valve ATW-3WV-01



Modbus gateway ATW-MBS-02 HCA16MB



Cooling kit Yutaki SC ATW-CKSC-02



Univ.water temp sensor ATW-WTS-02Y



Hydraulic separator ATW-HSK-01



Water check valve ATW-WCV-01



Auxiliary output signal box ATW-AOS-02



Cooling kit Yutaki SC

2nd outdoor temp. sensor

2nd temp. kit (wall)

ATW-2TK-07

Aquastat

ATW-AQT-01

ATW-20S-02



Active anode ATW-CP-05



DHW Tanks DHWT-200/300S-3.0H2E



Diff. pressure valve ATW-DPOV-01



KNX gateway ATW-KNX-02

Accessories dedicated to protect outdoor units from severe climate conditions are available:

- Snow protections
- Air flow guide
- Wind protections
- Drain pan heater.

HITOOLKIT FOR HOME



The best selection software to help installers to make the most relevant proposal to customers.

- Easy to use and modern interface
- Wide range of functionalities:
 - Selection according to heating and cooling needs
 - Accessories' automatic selection
 - Installation cost
 - Complete report etc.
- Cascade configuration with all Yutaki available, with cascade controller option

Use this link:

https://www.hitachi-hitoolkit.com/yutaki/login

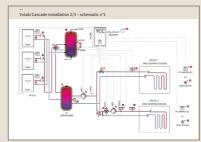


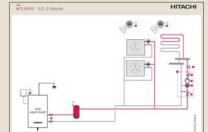
YUTAKI APPI ICATIONS

Exclusive online schematic librairy for Yutaki air-to-water heat pumps.

- Answering fewer than 10 questions, a simple hydraulic schematic is generated
- Numerous information on hydraulic installation, electrical connections to Yutaki terminal board and accessories needed for the installation (Hitachi / field supply)
- Single or cascade installations









Use this link:

www.yutaki-applications.com

Technical data

Yutaki S		R32			R410A					
Model			YUTAKI S 4.3kW	YUTAKI S 6kW	YUTAKI S 8kW	YUTAKI S 11kW	YUTAKI S 14kW	YUTAKI S 16kW	YUTAKI S 20kW	YUTAKI S 24kW
Heating perf	ormances (preliminary data)									
	nax. heating capacity (A7/W35)	kW	1.85 / 4.3 / 6.5		2.1 / 8 / 11	4.3 / 11 / 15.2	4.8 / 14 / 16.7	5.5 / 16 / 17.8	9 / 20 / 25.5	10 / 24 / 32
	eating capacity (A-7/W35)	kW	4.5 / 5.3	5.3 / 6.2	5.8 / 7.5	9.7 / 10.6	11.5 / 12	12 / 13	14.2 / 17.9	16.5 / 21
	eating capacity (A-7/W45)	kW	-/5	-/5.8	- / 6.67	10 / 10	11 / 11.6	11.5 / 12.5	15 / 16.6	16.5 / 18.5
	eating capacity (A-7/W55)	kW kW	4 / 4.2 0.82	4.7 / 5 1.25	5 / 5.5 1.74	8.7 / 9.7 2.2	9.7 / 11.2 2.97	10.5 / 12 3.5	12.5 / 14.5 4.65	15.5 / 17.3 5.59
	input (A7/W35) i) according to EN14511	KVV	5.25	4.8	4.6	5	4.71	4.57	4.65	4.29
	e climate 35°C / 55°C according to EN14825	-	4.6 / 3.4	4.5 / 3.25	4.5 / 3.2	4.75 / 3.48	4.45 / 3.4	3.9 / 3.20	3.83 / 3.08	3.6 / 2.98
	ating energy efficiency ns (35°C) 1~/3~	%	181	177	177	187 / 186	175 / 174	153 / 152	- / 150	-/141
	ating energy efficiency \(\eta \) (55°C) 1~/3~	%	133	127	125	136 / 135	133 / 133	125 / 125	-/120	-/116
Energy class		-	100	A+++/A++	123		+/A++	A++/A++	A++/A+	A+/A+
	temperature range (heating mode)	°C		20/60°C			,	20/60°C	,,,,	,
	emperature outlet in thermodynamic mode	°C	60°C (down to -5 °C o	utside		60°C (down to -10 °C o	utside	
Cooling perf	ormances (optional) (preliminary data)									
Nom./max. o	ooling capacity (A35/W7)	kW	4/5	5.3 / 6	6.5 / 7	7.2 / 11.8	9.5 / 12.6	10.5 / 13.7	14 / 16.4	17.5 / 20.6
	input (A35/W7)	kW	1	1.47	1.94	2.18	2.95	3.72	4.48	4.08
EER		-	4	3.6	3.35	3.54	3.54	3.31	3.12	2.81
INDOOR UNI	TS		RWM-2.0R1E	RWM-2.5R1E	RWM-3.0R1E	RWM4.0N1E	RWM5.0N1E	RWM6.0N1E	RWM8.0N1E	RWM10.0N1
Electric heate	er / 3 steps	kW	3 (1+1+1)	3 (1+1+1)	3 (1+1+1)	6 (2+2+2)	6 (2+2+2)	6 (2+2+2)	9 (3+3+3)	9 (3+3+3)
Net weight	., ,	kg	35	36	37	46	48	48	60	62
Dimensions ((H x L x D)	mm		712 x 450 x 285	5		890 x 520 x 370)	890 x 6	70 x 370
Sound power	r	dB(A)		37			39		4	17
Hydraulic da	ta									
Expansion ve	essel	L		6			6		1	.0
Water flow (n	nin./nom./max.)	m³/h	0.5/0.77/1.9	0.6/1.03/2	0.6/1.29/2.1	1/1.89/2.9	1.1/2.41/3	1.2/2.75/3	2/3.44/4.5	2.2/4.13/4.6
Shutdown va	lves (male/male valves supplied)	inches		1"			1" 1/4		1"	1/4
	ion water volume	L		28		38	46	55	76	79
Electrical da										
Power supply		-	230V / 1Ph	/ 50Hz or 400V	/ 3Ph / 50Hz	230V / 1Ph / 50Hz or 400V / 3Ph / 50Hz			400V / 3Ph / 50Hz	
	Max. current with electric heater	Α				30.5				-
1~ 230V	Cable width (mm²) / max. length (m) (1)	-	3 x 2.5 / 14 29.3			3 x 6 / 28 45.5			-	
1 2500	Max. current with electric heater + tank/ Yutaki S Optional	Α								
	Cable width (mm²) / max. length (m) (1)	-		3 x 6 / 28			3 x 10 / 30			_
	Max. current with electric heater	-		5.3			10.3		14	5.3
	Cable width (mm²) / max. length (m) (1)	-	-	-	-		5 x 2.5 / 20		5 x 2.	
3~400V	Max. current with electric heater + tank/			19.7			25.4).4
	Yutaki S Optional	-		19.7						
	Cable width (mm²) / max. length (m) (1)	-	-	-	-		5 x 6 / 20		5 x 6	5/20
OUTDOOR U	NITS		RAS- 2WHVRP1	RAS- 2.5WHVRP1	RAS- 3WHVRP1	RAS- 4WH(V)NPE	RAS- 5WH(V)NPE	RAS- 6WH(V)NPE	RAS- 8WHNPE	RAS- 10WHNPE
Sound pressi Heating mod	ure level at 1m / Sound power level in e	dB(A)	46 / 61	47 / 63	54 / 64	49 / 64	50 / 65	50 / 67	59 / 73	60 / 74
Air flow rate		m³/h	24	36	2682	4800	5400	6000	7620	8040
Dimensions ((H x L x D)	mm		629 x 799 x 300)			1380 x 950 x 370)	
Net weight Operating rai	nges in Cooling / Heating / DHW	kg °C	45 44 +10~+46DB // -20~+25DB // -20~+35			103 137 139 +10~+46DB // -25~+25DB // -25~+35				
Refrigerant o	data									
					1/4" - 5/8"					
Piping diameter (Liquid - Gas)		inches	1/4" -	1/2"*	3 to 27m* 3/8" 5/8" 27 to 50m*		3/8" 5/8"		3/8" 1"	1/2" 1"
Min./max. pip	ping length	m	3 -	50	3 - 40		5 - 75		5	- 70
Height diff. between OU & IU – (Higher OU / Lower OU)		m	30	/ 20	30 / 20		30 / 20		30	/ 20
Refrigerant charge / Additional refri. charge needeed		kg/g /m	1.2 for 10m	1.3 for 10m	1.3 for 10m	3.3 for 15m	3.4 for	15m / 60	5 for 15m	5.3 for 15m
Refrigerant		/ m	/ 15	/ 15	/ 30	/ 60	3101		/ 65	/ 120
Compressor		-	R32 SCROLL ROTARY			R410A SCROLL				
Electrical da	ta									
Power supply	V	-	2	30V / 1Ph / 50F	lz	230V / 1Ph	n / 50Hz or 400V	/ 3Ph / 50Hz	400V / 3	Ph / 50Hz
	Max. current	Α	10.4	12.9	15.8		30.5	,, 501.2	-	
1~230V	Cable width (mm²) / max. length (m) (1)	-	3 x 2.5 / 28	3 x 2.5 / 24	3 x 4 / 21		3 x 6 / 30		-	-
3~400V	Max. current	Α	-	-	-		14	16	24	24
	Cable width (mm²) / max. length (m) (1)	-	-	-	-	5 x 2	.5 / 16	5 x 2.5 / 16	5 x	6 / 26
Transmitting cables (protected)		mm ²		2 x 0.75				2 x 0.75		

(1) Data given for reference purposes only. Compliant with the applicable electrical standards. (V) = mono. * 2/2.5/3HP R32 models have different diameters for the cooling gas pipes, cooler connection groups, and indoor units. For that reason uses the advanters crowingled with the authors unit

Yutaki SCombi

Marting performances Marting performances Marting	Yutaki S	Combi			R32			R410A		
Month Proceedings Proceedings Month Proceedings Proceedings Proceedings Proceedings Proceedings Proceedings Proceedings Proceded Proceedings Proceded Proceedings Proceded Proceedings Proceded Proceedings Proceded Proceedings Proceded Proceedings Proceded Proceedings Proceedings Proceedings Proceded Proceedings Proceded Proceedings Proceded Proceedings Proceded Proce	Model		-	YUTAKI SCOMBI 4.3kW		YUTAKI SCombi 8kW	YUTAKI SCOMBI 11kW	YUTAKI SCOMBI 14kW	YUTAKI SCOMBI 16kW	
Non- max. harding capacity A/PV45 NW 4.5 3.3 3.1 6.6 1.1 1.0 1.0 1.1 1	Heating perform	nances (preliminary data)								
Non-minus heating capacity (x-77495) NW	Min./nom./max.	heating capacity (A7/W35)	kW	1.85 / 4.3 / 6.5	1.85 / 6 / 8.6	2.1 / 8 / 11	4.3 / 11 / 15.2	4.8 / 14 / 16.7	5.5 / 16 / 17.8	
Non/man. beating capacity (A-7795) Non/man. beating	Nom./max. heati	ing capacity (A-7/W35)	kW	4.5 / 5.3	5.3 / 6.2	5.8 / 7.5	9.7 / 10.6	11.5 / 12	12 / 13	
Non-power injust 147(W32) MW 0.02	Nom./max. heati	ing capacity (A-7/W45)	kW	-/5	- / 5.8	- / 6.67	10 / 10	11 / 11.6	11.5 / 12.5	
COP (A) MASS) seconding to PML4811	Nom./max. heati	ing capacity (A-7/W55)	kW	4 / 4.2	4.7 / 5	5 / 5.5	8.7 / 9.7	9.7 / 11.2	10.5 /12	
\$200 per geriamet 23°C j 59°C according to 814432	Nom. power inpu	ut (A7/W35)	kW	0.82	1.25	1.74	2.2	2.97	3.5	
Seasonal hasting energy efficiency ny (167-17-3)	COP (A7/W35) ac	cording to EN14511	-	5.25	4.8	4.6	5	4.71	4.57	
Seasonal hearing energy efficiency ng (59°C) 1-79-	SCOP average cli	imate 35°C / 55°C according to EN14825	-	4.6 / 3.4	4.5 / 3.25	4.5 / 3.2	4.8 / 3.5	4.48 / 3.43	3.9 / 3.23	
A++ A+ A+ A+ A+ A+ A+ A	Seasonal heating	g energy efficiency ηs (35°C) 1~/3~	%	181	177	177	187 / 186	175 / 174	153 / 152	
Water counted temperature range pleaning mode) C C C C C C C C C	Seasonal heating	g energy efficiency ηs (55°C) 1~/3~	%	133	127	125	136 / 135	133 / 133	125 / 125	
Max. water temperature outlet in thermodynamic mode only	Energy class 35°0	C / 55°C	-		A+++ / A++		A+++	/ A++	A++ / A++	
### OF Committee 1.1 1.2	Water outlet tem	perature range (heating mode)	°C		20 / 60°C			20 / 60°C		
DRIVE OF JOHNS PROFESSION STATES AND STATES		erature outlet in thermodynamic mode	°C	60	°C down to -5 °C outs	ide	60°	C down to -10 °C outs	ide	
DIVIDED (2024) Seconding to PUBLIST	only		C	00	e down to 5 e outs	ide	00	e down to 10 code	nac	
Seasonal energy efficiency T _m (L cycle) 96 130 127										
A+ A+	DHW COP (220L)	according to EN16147	-		3.2			3.1		
Intention Inte	Seasonal energy	efficiency η _{wh} (L cycle)	%		130		127			
Stand-by power input (Pes) W 30 34 34 34 34 34 34 35 37 37 38 37 37 38 37 37	Energy class	***	-		A+			A+		
Max. volume of urable hot water (Vinax) L 288 30 / 55°C			h:min		1:55			1:05		
Max. volume of urable hot water (vilicate) L 288 30 / 55°C		input (Pes)								
Cooling performances (optionall) pulmany mark	Max. volume of u	isable hot water (Vmax)						288		
Non_marcooling_capacity (ASS/WT)	Temperature ran	ge of water outlet (DHW mode)	°C		30 / 55°C		30 / 55°C			
Non_max_colling_capacity (ASS/W7)	Cooling perform	nances (optional) (preliminary data)								
Nom. power input (A35/W7)			kW	4/5	5.3 / 6	6.5 / 7	7.2 / 11.8	9.5 / 12.6	10.5 / 13.7	
NOOR UNITS RWD 2.0RW1E RWD 3.0RW1E RWD 3.0RW1E RWD 4.0RW1E RWD 5.0RW1E RWD 6.0RW1E R			kW					2.95		
Commercial Steps KW 2005 2205	EER		-	4	3.6	3.35	3.54	3.54	3.31	
Comparison Com	INDOOR UNITS			RWD-2.0RW1E-	RWD-2.5RW1E-		RWD-4.0NW1E-	RWD-5.0NW1E-	RWD-6.0NW1E	
Tank's heater KW 2.7 2	Flectric heater /	2 stans	L/M							
Mark September Mark Ma		эзсерэ								
1788 x595 x598 1788 x595 x598 x595 1788 x595 x598 x595 1788 x595 x598 x595 x598 x595 1788 x595 x598 x595 x598 x595 x598 x595 x595										
Sound power	0	I v D)		120		121	127		120	
		LXD)								
Advance Company Comp		e / material								
Comparison wessel Comp	DITW tallk votalli	e / material	L		220 / Duplex			220 / Duplex		
Maker flow (min,/nom,/max) m²/h 0.5 / 0.77 / 1.9 0.6 / 1.03 / 2 0.6 / 1.29 / 2.1 1 / 1.89 / 2.7 1.1 / 2.41 / 2.8 1.2 / 2.75 / 1.1 / 3.34 3	Hydraulic data									
Shutdown valves (male/male valves supplied) inches 1" 1" 1/4	Expansion vessel	l	L		6			6		
Source S	Water flow (min.,	/nom./max.)	m³/h	0.5 / 0.77 / 1.9	0.6 / 1.03 / 2	0.6 / 1.29 / 2.1	1 / 1.89 / 2.7	1.1 / 2.41 / 2.8	1.2 / 2.75 / 2.8	
Min. installation water volume	Shutdown valves	s (male/male valves supplied)	inches		1"			1" 1/4		
Cable width (mm²) / max. length (m)²0	Connections for	DHW	inches		3/4"			3/4"		
Power supply - 230V / 1Ph / 50Hz or 400V / 3Ph / \$\frac{80}{20}\$	Min. installation	water volume	L		28		38	46	55	
Power supply - 230V / 1Ph / 50Hz or 400V / 3Ph / \$\frac{80H}{2}^{20}\$ 230V / 1Ph / 50Hz or 400V / 3Ph / 50Hz or 4	Floctrical data									
1-230V			-	230V / 1	Ph / 50Hz or 400V / 3F	oh / 304/20	230V / 1	Ph / 50Hz or 400V / 38	Ph / 50Hz	
1- 230V	rower supply	May current with electric heater	-	2307/1		11 / 30112	2307/1		11 / 30112	
Cable width (mm²) / max. length (m) 10	1~ 230V		Α		27.1		44.8			
1-400V	1 2001	Cable width (mm2) / max, length (m)(1)	-		3 x 6 / 28			3 x 10 / 30		
1-400V		Max. current with electric heater								
Cable width (mm²) / max. length (m)¹¹¹ - - - - 5 x 6 / 20	1~ 400V		-	-	-	-		24.1		
AB AB AB AB AB AB AB AB	. 1001	Cable width (mm²) / max. length (m) ⁽¹⁾	-	-	-	-		5 x 6 / 20		
AB AB AB AB AB AB AB AB	OUTDOOR UNIT	S		RAS-2WHVRP1	RAS-2.5WHVRP1	RAS-3WHVRP1	RAS-4WH(V)NPE	RAS-5WH(V)NPE	RAS-6WH(V)NF	
Air flow rate m3/h 2436 2682 4800 5400 6000	Sound pressure l		dB(A)						· · · ·	
Simensions (H x L x D)				- / -		. , .				
Net weight			m³/h	24		2682	4800		6000	
Compression Cooling Heating DHW Cooling Heating	Dimensions (H x	L x D)	mm		629 x 799 x 300			1380 x 950 x 370		
Compression Cooling Heating DHW Cooling DHW Co	let weight		kg	4	15	44		103		
Refrigerant data	-	s in Cooling / Heating / DHW		+10	~+46 // -20~+25 // -20	~+35	+10		~+35	
Piping diameter (Liquid - Gas) inches 1/4" - 1/2"* 3 to 27m" 3 to 27m 3 to 27m 4 to 50m* 3 - 50 3 - 400 5 - 75 3 - 400 5 - 75 3 - 400V					12,7, 22 22,7, 22					
Min_/max. piping length						1/4" - 5/8"				
Min./max. piping length	Piping diameter	(Liquid - Gas)	inches	1/4" -	1/2"*	3 to 27m* 3/8" 5/8" 27 to 50m*		3/8" 5/8"		
Height diff. between OU & IU - (Higher OU / Lower OU)	Min./max. piping	length	m	3.	- 50	3-40		5 - 75		
Refrigerant charge / Additional refri. charge needeed	Height diff. betw	een OU & IU – (Higher OU / Lower OU)		30	/ 20					
Refrigerant R32 R410A			kg/g			1.3 for 10m / 30				
SCROLL ROTARY SCROLL SCROLL ROTARY SCROLL S			/ m			2.0 . 2. 20. 17 00				
Cable width (mm²) / max. length (m) Cable width (mm²) / max. lengt				cc		ROTADV				
Power supply 1~ 230V Max. current Cable width (mm²) / max. length (m) A 10.4 12.9 15.8 30.5 3 x 4/21 3 x 4/21 A 3.400V Max. current Cable width (mm²) / max. length (m) A 14 Cable width (mm²) / max. length (m) 5 x 2.5/16 5 x 2.5/5				SCF	IOLL	ROTART		SCRULL		
Max. current Cable width (mm²) / max. length (m)(1) - 3 x 2.5 / 28 3 x 2.5 / 24 3 x 4 / 21 3 x 6 / 30 Max. current A 10.4 12.9 15.8 30.5 3 x 2.5 / 24 3 x 4 / 21 3 x 6 / 30 Max. current - 14 16 Cable width (mm²) / max. length (m)(1) 5 x 2.5 / 16 5 x 2.5 / 3										
Cable width (mm²) / max. length (m)(1) - 3 x 2.5 / 28 3 x 2.5 / 24 3 x 4 / 21 3 x 6 / 30 Max. current	Power supply						230V / 1		Ph / 50Hz	
Cable width (mm²) / max. length (m) - 3x2.5/28 3x2.5/24 3x4/21 3x6/30 A-400V Max. current A 14 16 Cable width (mm²) / max. length (m) 5x2.5/16 5x2.5/2	1~ 230V									
3- 400V Cable width (mm²) / max. length (m) ⁽¹⁾ 5 x 2.5 / 16 5 x 2.5 / 16	200.			3 x 2.5 / 28	3 x 2.5 / 24	3 x 4 / 21				
Cable width (mm ⁻) / max. length (m) ⁻¹ 5 x 2.5 / 16 5 x 2.5 /	3~ 400V		Α	-	-	-				
Transmitting cables (protected) mm ² 2 v 0.75			-	-	-	-	5 x 2		5 x 2.5 / 16	
ZAV.IJ	Transmitting cab	oles (protected)	mm ²		2 x 0.75			2 x 0.75		

(1) Data given for reference purposes only. Compliant with the applicable electrical standards. (V) = mono. *2/2.5/3HP R32 models have different diameters for the cooling gas pipes, cooler connection groups, and indounits. For that reason, use the adapters provided with the outdoor unit



Notes

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