

A+++



This year **HITACHI** is pleased to launch a new version of the integrated air to water heat pump: the **Yutaki S Combi Lite**.

We redesigned the previous series for small apartments, without the need of the solar panel or, for example, the swimming pool.

This model maintain the most important feature to ensure the maximal comfort for the customer: heating, cooling and domestic hot water production

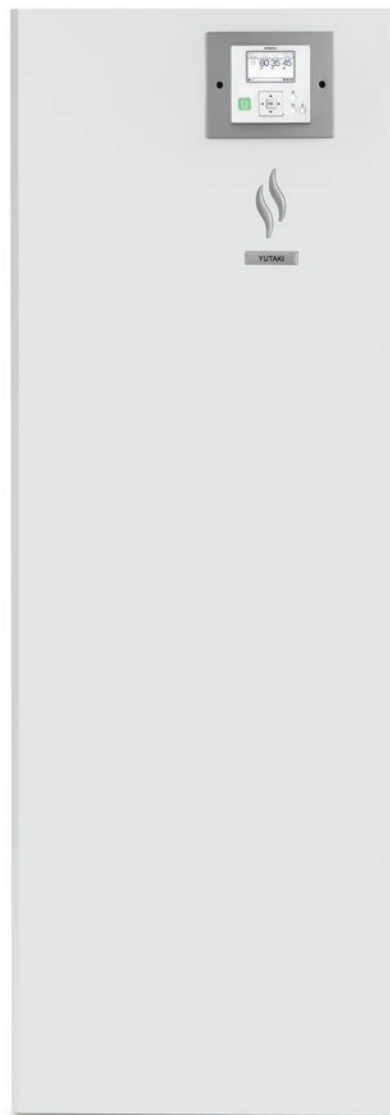


YUTAKI S COMBI LITE

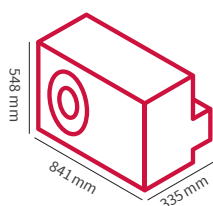


YUTAKI S COMBI LITE

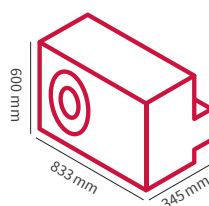
YUTAKI S COMBI LITE



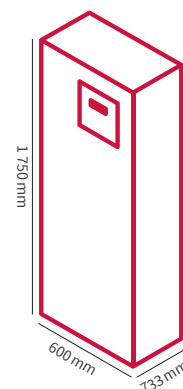
Dimensions



RAS-2WHVN **33 kg**



RAS-2.5WHVN **41 kg**



RWD-2.0NWLE **99 kg**
RWD-2.5NWLE **99 kg**

TECHNICAL DATA YUTAKI COMBI LITE

			Yutaki S Combi Lite 2HP	Yutaki S Combi Lite 2HP
			Single Phase	Single Phase
Indoor unit			RWD-2.0NWLE	RWD-2.5NWLE
Power supply			1 ~230 V 50 Hz	1 ~230 V 50 Hz
Sound power (2)		dB(A)	37	37
Pipe diameter (liquid-gas)		mm	6.35-9.52	6.35-12,7
Heating working range	Outdoor air temp.	°C (DB)	-15 - +25	-15 - +25
	Water outlet temp.	°C	+20 - +55	+20 - +60
Cooling working range	Outdoor air temp.	°C (DB)	+10 - +43	+10 - +43
	Water outlet temp.	°C	+5 - +22	+5 - +22
DHW tank working range	Outdoor air temp.	°C (DB)	-15 - +35	-15 - +35
	Water outlet temp.	°C	+30 - +75	+30 - +75
Dimensions	Height (incl. connection)	mm	1 750 (1 816) *	1 750 (1 816) *
	Width	mm	600	600
	Depth	mm	733	733
Weight with 200l tank		kg	99	99
Outdoor unit			RAS-2WHVN	RAS-2.5WHVN
Capacity (1)	Heating	kW	4.00	6.00
	Cooling	kW	3.80	5.00
Max capacity (1)	Heating	kW	5.70	7.00
	Cooling	kW	4.40	5.60
COP 7 °C outdoor / 30-35 °C water			4.7	4.5
EER 35 °C outdoor / 7-12 °C water			3.12	3.15
Energy Class at 35 °C			A++	A++
Power supply			1 ~230 V 50 Hz	1 ~230 V 50 Hz
Sound power (2)		dB(A)	63	63
Air flow		m ³ /min	40.6	40.6
Pipe diameter (liquid-gas)		mm	6.35-9.52	6.35-12.7
Maximum length		m	20	20
Maximum height difference			10	10
Operating ranges (cooling/heating/DHW)		°C (DB)	+10 - +43 / -15 - +25 / -15 - +35	+10 - +43 / -15 - +25 / -15 - +35
Refrigerant			R410A	R410A
Refrigerant charge (maximum pipe length without additional charge) / GWP		kg (m) / CO ₂ ton	1.20 (24) / 2.506	1.20 (24) / 2.506
Compressor			Scroll DC inverter	Scroll DC inverter
Dimensions (Height × Width × Depth)		mm	548 × 841 × 335	600 × 883 × 345
Weight		kg	33	41

(1) Rated cooling and heating capacity is based on EN14511 and the following conditions:

- **Cooling:** Inlet water temperature 12°C and outlet water temperature 7°C; outdoor temperature 35°C (DB).

- **Heating:** Inlet water temperature 30°C and outlet water temperature 35°C; outdoor temperature 7°C (DB), 6°C (WB).
Pipe length 7.5 m; height difference of the pipe 0 m.

(2) Acoustic level measurement is performed under the following conditions:

Outdoor temperature: 7°C (DB) / 6°C (WB) Inlet and outlet water temperature: 30/35°C. Measurement of the acoustic level is done in an acoustic chamber 1 meter from the front surface and 1.5 meters above the ground. The sound pressure level is measured in a reflecting chamber in accordance with standard EN12102. Ambient conditions are defined in EN 14511.