

QUHZ-W40VA

Ecodan R744

Monobloc Air Source Heat Pump



Key Features:

- Compact design
- Low noise levels
- Boiler replacement ready
- Zero carbon solution
- MELCloud Enabled

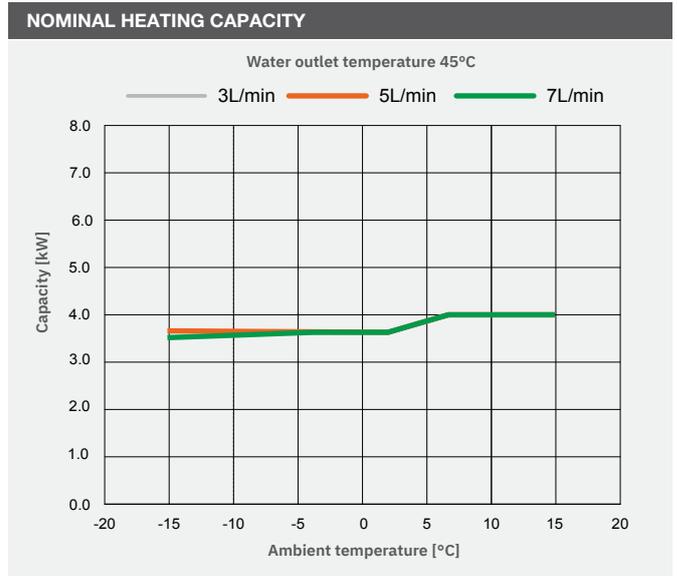
Key Benefits:

- Minimal installation space required
- Flexible product placement
- Suitable for both new and existing homes
- Help to tackle the climate crisis
- Remote control, monitoring, maintenance and technical support



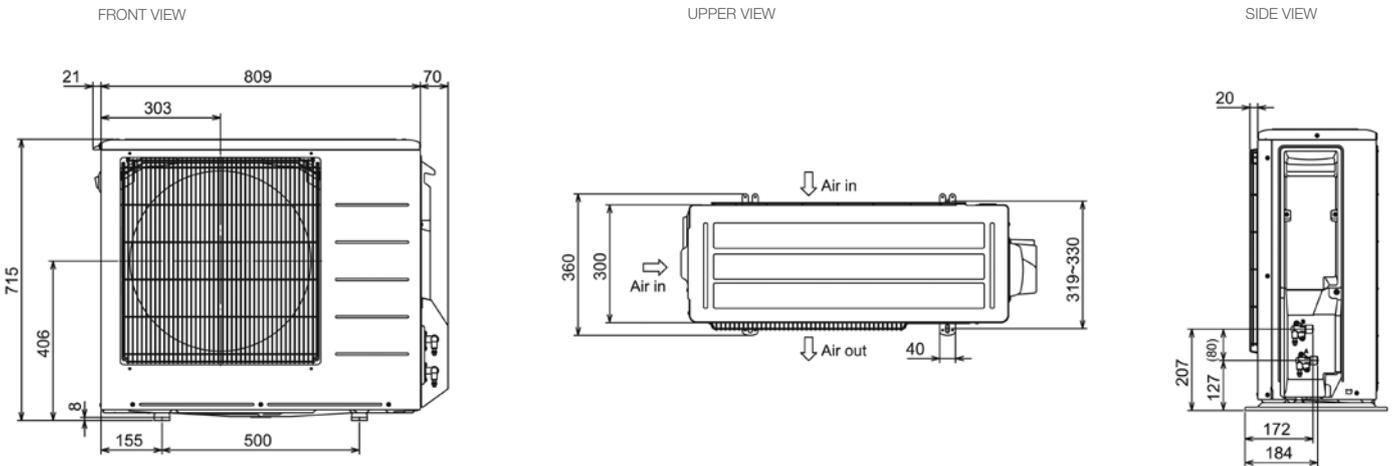
ecodan[®]
Renewable Heating Technology

OUTDOOR UNIT		QUHZ-W40VA
HEAT PUMP COMBINATION	ErP Rating	A+
HEATER - 55°C	η_s	117%
	SCOP (MCS)	2.91
HEAT PUMP COMBINATION	ErP Rating	A
HEATER - Large Profile ¹	η_{wh}	129%
	COP	3.00
HEATING ²	Capacity (kW)	4.32
(A-3/W55)	Power Input (kW)	2.18
	COP	1.98
OPERATING AMBIENT TEMPERATURE (°C DB)		-15 ~ +35
SOUND PRESSURE LEVEL AT 1M (dBA) ³		43
SOUND POWER LEVEL (dBA) ⁴		53
WATER DATA	Pipework Size (mm)	15
	Flow Rate (l/min)	3 to 8
DISTANCE BETWEEN OUTDOOR UNIT AND THERMAL STORE (m)	Height Difference	5
	Piping Length	15
DIMENSIONS (mm)	Width	809+70*5
	Depth	300+20*5
	Height	715
WEIGHT (kg)		57
ELECTRICAL DATA		Powered from indoor unit
REFRIGERANT CHARGE (kg) / CO ₂ EQUIVALENT (t)	R744 (GWP 1)	1.15 / 0.0015



Notes:
¹ Combination with EHPT20Q-VM2EA Thermal Store.
² Under normal heating conditions at outdoor temp: -3°CDB / -4°CWB, outlet water temp 55°C, inlet water temp 47°C.
³ Under normal heating conditions at outdoor temp: 7°CDB / 6°CWB, outlet water temp 55°C, inlet water temp 47°C as tested to BS EN14511.
⁴ Sound power level tested to BS EN12102.
⁵ Grille or pipe cover.
⁶ MCB Sizes BS EN60898-2 & BS EN60947-2.
 η_s is the seasonal space heating energy efficiency (SSHEE) η_{wh} is the water heating energy efficiency

QUHZ-W40VA DIMENSIONS



All dimensions (mm)

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Note: Refer to 'Installation Manual' and 'Instruction Book' for further 'Technical Information'. The fuse rating is for guidance only and please refer to the relevant databook for detailed specification. It is the responsibility of a qualified electrician/electrical engineer to select the correct cable size and fuse rating based on current regulation and site specific conditions. Mitsubishi Electric's air conditioning equipment and heat pump systems contain a fluorinated greenhouse gas, R410A (GWP:2088), R32 (GWP:675), R407C (GWP:1774), R134a (GWP:1430), R513A (GWP:631), R454B (GWP:466), R1234ze (GWP:7) or R1234yf (GWP:4). *These GWP values are based on Regulation (EU) No 517/2014 from IPCC 4th edition. In case of Regulation (EU) No 626/2011 from IPCC 3rd edition, these are as follows. R410A (GWP:1975), R32 (GWP:550), R407C (GWP:1650) or R134a (GWP:1300).

Effective as of May 2020