Heating | Product Information

MITSUBISHI ELECTRIC

QUHZ-W40VA

Ecodan R744

Monobloc Air Source Heat Pump

R744

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

MELCloud

MCS CERTIFIED MCS HP0002/40

Heating | **Product Information**

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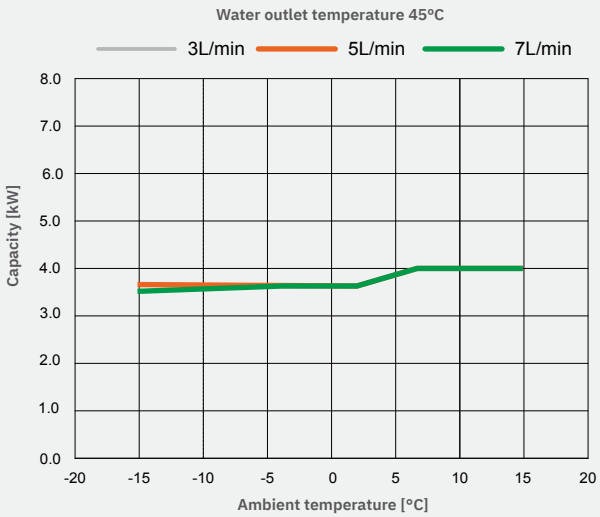
Monobloc Air Source Heat Pump

OUTDOOR UNIT		QUHZ-W40VA
HEAT PUMP COMBINATION HEATER - 55ºC	ErP Rating	A+
	η_s	117%
	SCOP (MCS)	2.91
HEAT PUMP COMBINATION HEATER - Large Profile*1	ErP Rating	A
	η_{wh}	129%
	COP	3.00
HEATING*2 (A-3/W55)	Capacity (kW)	4.32
	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

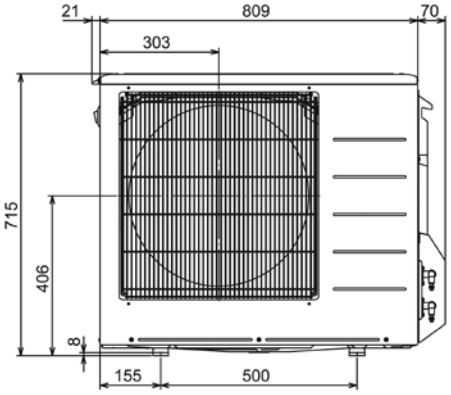
NOMINAL HEATING CAPACITY



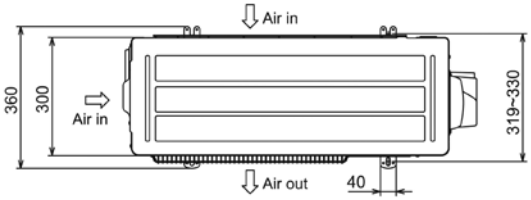
Notes:
*1 Combination with EHPT20Q-VM2EA Thermal Store.
*2 Under normal heating conditions at outdoor temp: -3°CDB / -4°CWB, outlet water temp 55°C, inlet water temp 47°C.
*3 Under normal heating conditions at outdoor temp: 7°CDB / 6°CWB, outlet water temp 55°C, inlet water temp 47°C as tested to BS 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

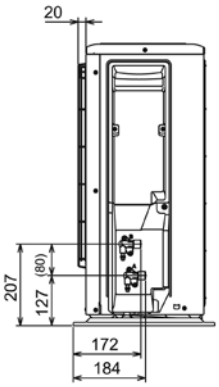
FRONT VIEW



UPPER VIEW



SIDE VIEW



All dimensions (mm)

MITSUBISHI ELECTRIC
Changes for the Better

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Note: The fuse rating is for guidance only. 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

Green Gateway greengateway.mitsubishielectric.co.uk