



Set to rival traditional heating and cooling, the new HVRF System delivers optimum comfort and efficiency, using an innovative combination of unique 2-pipe technology and water to provide simultaneous heating and cooling with heat recovery.

Key Features

- Valves, pumps and heat exchangers all contained within the HBC
- Manageable phased installation through modular system design
- Cat A to Cat B is simple through HBC system design
- Intuitive load adjusting flow control valves & water pumps are optimised for variable flow control and heat recovery for maximum efficiency

R32 | HybridVRF



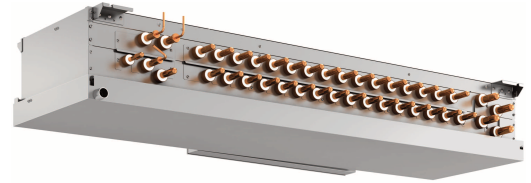
Air Conditioning

Product Information

HBC Controllers (HVRF)

Making a
World of
Difference

R32

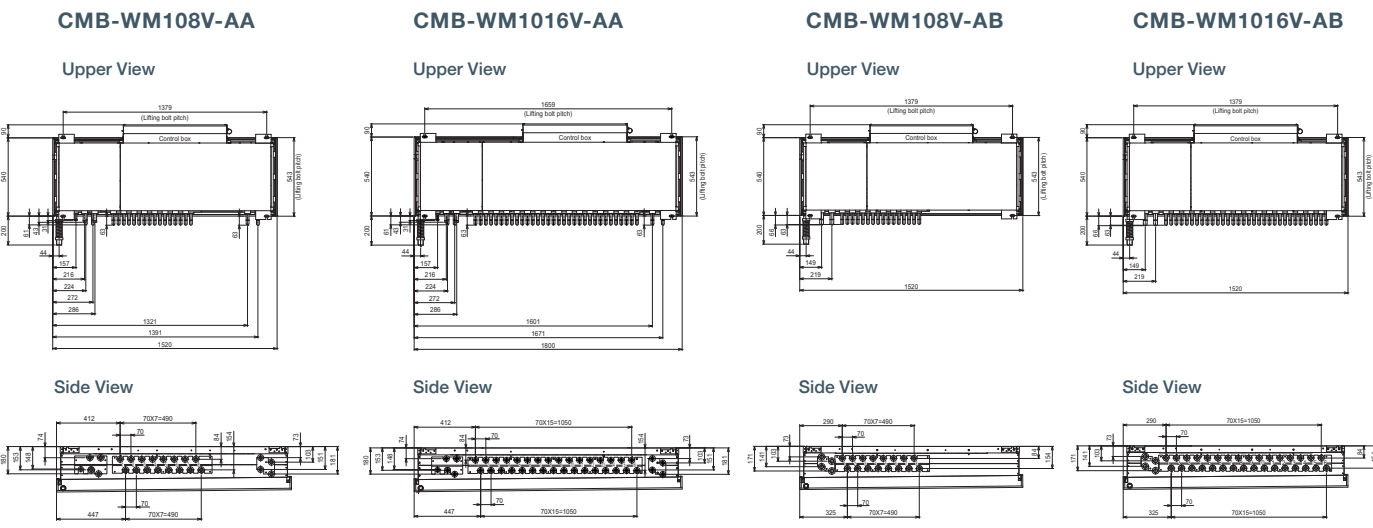


MASTER HBC CONTROLLERS	CMB-WM108V-AA	CMB-WM1016V-AA
NUMBER OF CONNECTIONS	8 (22mm OD Pipe)	16 (22mm OD Pipe)
WEIGHT (kg)	86 (96)*	98 (111)*
DIMENSIONS (mm) Width x Depth (Control Box) x Height	1520 x 540 (630) x 300	1800 x 540 (630) x 300
ELECTRICAL SUPPLY	220-240v, 50Hz	220-240v, 50Hz
PHASE	Single	Single
POWER INPUT (kW)	0.46	0.46
RUNNING CURRENT (A)	2.83	2.83
FUSE RATING (BS88) – HRC (A)	6	6
MAINS CABLE No. Cores	3	3

SUB BC CONTROLLERS	CMB-WM108V-AB	CMB-WM1016V-AB
NUMBER OF CONNECTIONS	8 (22mm OD Pipe)	16 (22mm OD Pipe)
WEIGHT (kg)	44 (49)*	53 (62)*
DIMENSIONS (mm) Width x Depth (Control Box) x Height	1520 x 540 (630) x 300	1520 x 540 (630) x 300
ELECTRICAL SUPPLY	220-240v, 50Hz	220-240v, 50Hz
PHASE	Single	Single
POWER INPUT (kW)	0.01	0.01
RUNNING CURRENT (A)	0.05	0.05
FUSE RATING (BS88) – HRC (A)	6	6
MAINS CABLE No. Cores	3	3

Notes: CMB-WM-V-AA and CMB-WM-V-AB units are for use with PURY-P200-500YNW-A, PURY-EP200-500YNW-A, PQRY-P200-500YLM-A units and HVRF indoor units only (PLFY-WP, PEFY-WP, PFFY-WP). One main HBC can be used on outdoor units PURY-(E)P200-250YNW-A, PQRY-P200-250YNW-A. One main HBC can be used on outdoor units PURY-(E)P300-350YNW-A, PQRY-P300-350YLM-A with a system efficiency reduction. Two main HBC's can be used in parallel on outdoor units PURY-(E)P300-500YNW-A, PQRY-P300-500YLM-A. *() Includes Water

PRODUCT DIMENSIONS



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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) or R134a (GWP:1430). *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).



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