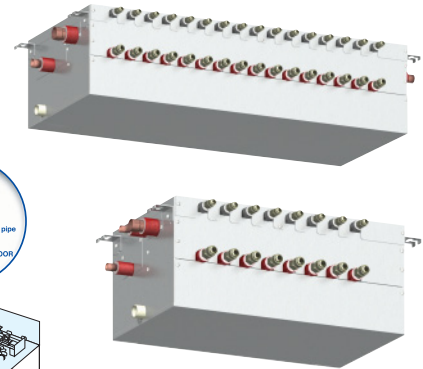
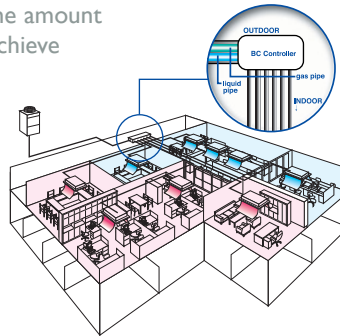


# BC Controllers

At the heart of both the R2 and WR2 Series, the BC controller makes simultaneous heating and cooling possible. It has the inherent 'intelligence' to be the system's decision-maker.

- Transferring energy around the system
- Drawing on energy from the heat source units/outdoor units
- Directing energy as requested by the individual indoor units
- Instructs the heat source unit/outdoor unit on the amount of refrigerant (liquid or gas) that is required to achieve the requested cooling or heating requirements
- Allows unique 2-pipe heat recovery application
- HIC Circuit for improved efficiency



## Technical Information

### BC CONTROLLERS

MODEL REFERENCE	CMB-P104V-G	CMB-P105V-G	CMB-P106V-G
NUMBER OF CONNECTIONS	4	5	6
WEIGHT (kg)	24	27	29
DIMENSIONS (mm)			
Width	648	648	648
Depth	362 + 70	362 + 70	362 + 70
Height	284	284	284
ELECTRICAL SUPPLY	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE	Single	Single	Single
POWER INPUT (KW)	0.085	0.104	0.123
RUNNING CURRENT (A)	0.36	0.44	0.52
FUSE RATING (BS88) – HRC (A)	6	6	6
MAINS CABLE No. Cores	3	3	3

Note: CMB-P-V-G units are for use with PURY-(E)P200-350YHM-A & PQRY-P200-300YHM-A outdoor units only.

### MASTER BC CONTROLLERS

MODEL REFERENCE	CMB-P108V-GA	CMB-P1010V-GA	CMB-P1013V-GA	CMB-P1016V-GA	CMB-P1016V-HA
NUMBER OF CONNECTIONS	8	10	13	16	16
WEIGHT (kg)	44	49	57	64	73
DIMENSIONS (mm)					
Width	1110	1110	1110	1110	1110
Depth	450 + 70	450 + 70	450 + 70	450 + 70	450 + 70
Height	289	289	289	289	289
ELECTRICAL SUPPLY	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE	Single	Single	Single	Single	Single
POWER INPUT (KW)	0.161	0.198	0.255	0.312	0.312
RUNNING CURRENT (A)	0.68	0.83	1.07	1.30	1.30
FUSE RATING (BS88) – HRC (A)	6	6	6	6	6
MAINS CABLE No. Cores	3	3	3	3	3

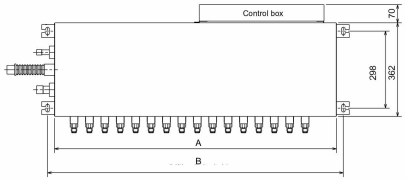
Note: CMB-P-V-GA units are for use with PURY-(E)P200-650Y(S)HM-A & PQRY-P200-600YSHM-A outdoor units only. CMB-P1016V-HA unit is for use with PURY-P700-800YSHM-A outdoor units only.

### SLAVE BC CONTROLLERS

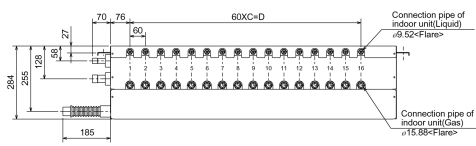
MODEL REFERENCE	CMB-P104V-GB	CMB-P108V-GB	CMB-P1016V-HB
NUMBER OF CONNECTIONS	4	8	16
WEIGHT (kg)	22	32	57
DIMENSIONS (mm)			
Width	648	648	1098
Depth	362 + 70	362 + 70	362 + 70
Height	284	284	284
ELECTRICAL SUPPLY	220-240v, 50Hz	220-240v, 50Hz	220-240v, 50Hz
PHASE	Single	Single	Single
POWER INPUT (KW)	0.076	0.151	0.301
RUNNING CURRENT (A)	0.32	0.63	1.26
FUSE RATING (BS88) – HRC (A)	6	6	6
MAINS CABLE No. Cores	3	3	3

### CMB-PI04, I05, I06V-G

Upper View >



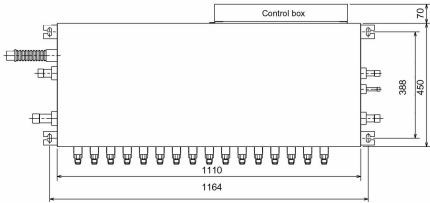
Side View >



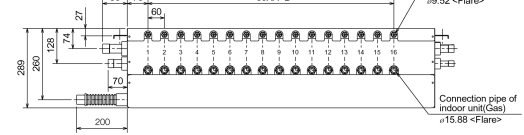
	A	B	C	D
CMB-P104V-G	648	702	3	180
CMB-P105V-G			4	240
CMB-P106V-G			5	300

### CMB-PI08, I010, I013, I016V-GA/HA

Upper View >



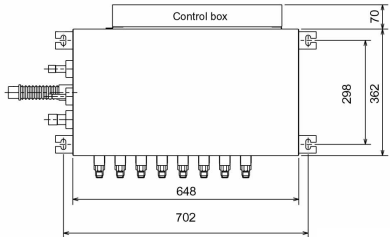
Side View >



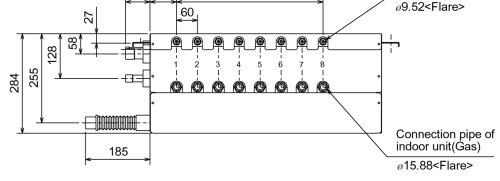
	A	B
CMB-P108V-GA	7	420
CMB-P1010V-GA	9	540
CMB-P1013V-GA	12	720
CMB-P1016V-GA/HA	15	900

### CMB-PI04, I08V-GB

Upper View >



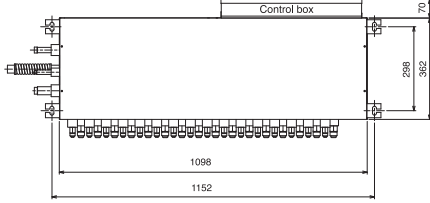
Side View >



	A	B
CMB-PI04V-GB	3	180
CMB-PI08V-GB	3	420

### CMB-PI016V-HB

Upper View >



Side View >

