

# Air Conditioning

## Product Information

**KS8-CMB-P104V-GB1**  
Slave BC Controller with  
Port Isolation Valves

Making a  
World of  
Difference

CITY MULTI



At the heart of both the R2 and WR2 Series, the BC controller makes simultaneous heating and cooling possible. It has the 'intelligence' to be the system's decision-maker. The BC controller is available with factory-fitted valves on each port enabling isolation of fan coils. This allows the VRF system to still operate whilst installation or maintenance is carried out in individual rooms.

### Key Features

- 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
- Brazed connections
- Isolation valves factory-fitted on each port



Air Conditioning | Heating  
Ventilation | Controls

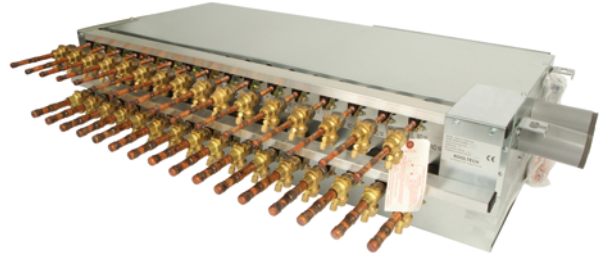
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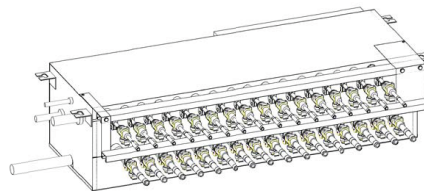
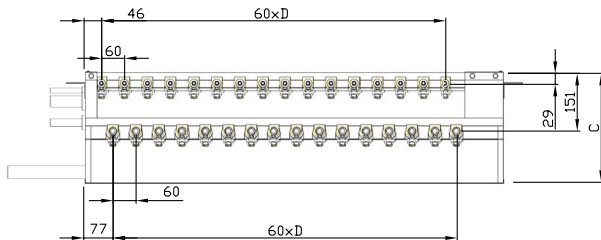
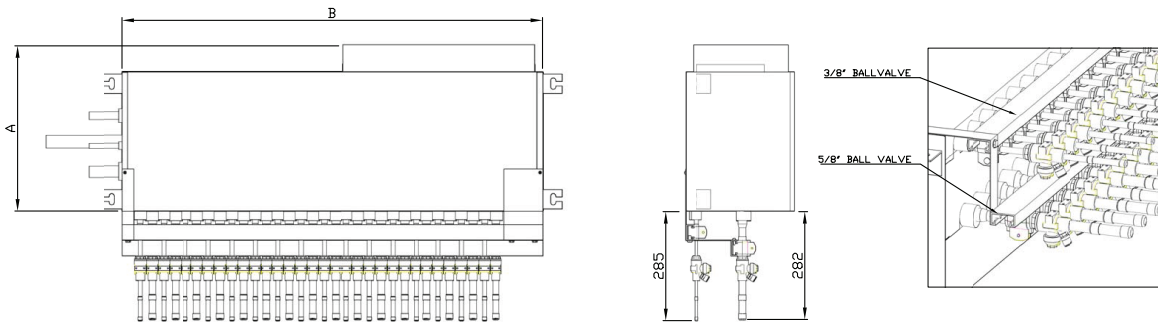
### KS8-CMB-P104V-GB1 Slave BC Controller with Port Isolation Valves

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SLAVE BC CONTROLLER	KS8-CMB-P104V-GB1	
NUMBER OF CONNECTIONS	4	
WEIGHT (kg)	22 + 4.2	
DIMENSIONS (mm)	Width	648
	Depth	432 + 280
	Height	284
ELECTRICAL SUPPLY	220-240v, 50Hz	
PHASE	Single	
POWER INPUT (kW)	0.076	
RUNNING CURRENT (A)	0.32	
FUSE RATING (BS88) – HRC (A)	6	
MAINS CABLE NO. CORES	3	
BC BOX	CMB-P104V-GB1	



## DIMENSIONS



CODE	DESCRIPTION	MODEL	DIMENSIONS				WEIGHT
			A	B	C	D	
1010071	4 WAY BC BOX MOD	CMBP104VG1 CMBP104VGB1	432	648	284	4	4.2
1010071	5 WAY BC BOX MOD	CMBP105VG1	432	648	284	5	5
1010072	6 WAY BC BOX MOD	CMBP106VG1	432	648	284	6	5.8
1010073	8 WAY SLAVE BOX MOD	CMBP108VGB1	432	648	284	8	7.5
1010074	8 WAY MASTER BOX MOD	CMBP108VGA1	520	1110	289	8	7.9
1010075	10 WAY MASTER BOX MOD	CMBP1010VGA1	520	1110	289	10	9.5
1010076	13 WAY MASTER BOX MOD	CMBP1013VGA1	520	1110	289	13	12
1010077	16 WAY MASTER BOX MOD	CMBP1016VGA1 CMBP1016VHA1	520	1110	289	16	14.5
1010078	16 WAY SLAVE BOX MOD	CMBP1016VHB1	432	1098	284	16	14.5



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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 and heat pump systems contain fluorinated greenhouse gases R410A, R407C and R134a.



[www.greengateway.mitsubishielectric.co.uk](http://www.greengateway.mitsubishielectric.co.uk)

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to the environment

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Effective as of April 2015