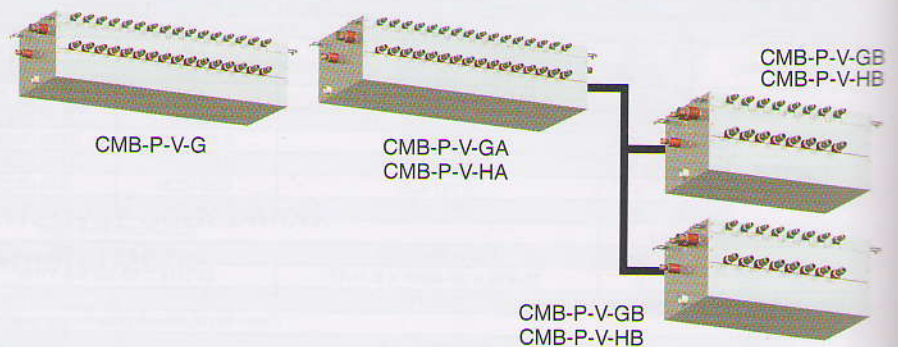


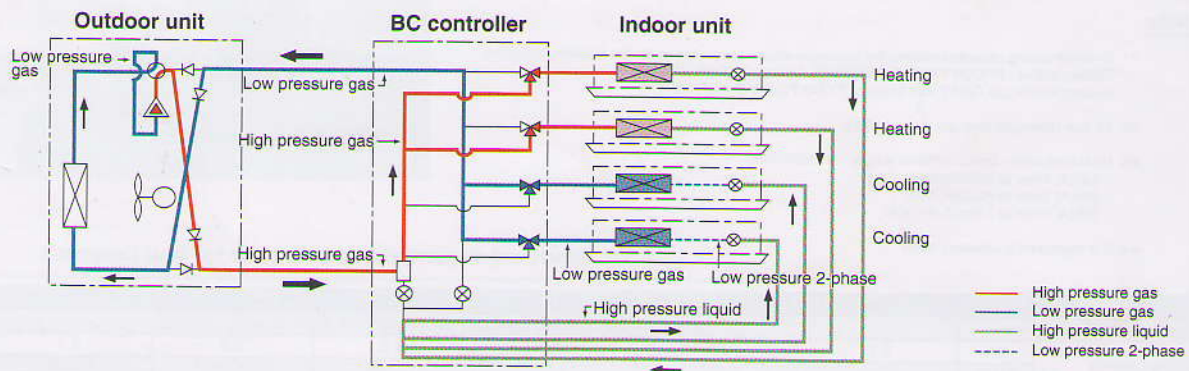
BC CONTROLLER

CMB-P-V-G CMB-P-V-GA CMB-P-V-HA CMB-P-V-GB CMB-P-V-HB



BC CONTROLLER

In many ways, the BC Controller is the technological heart of the CITY MULTI R2/WR2. It works in unison with the outdoor unit to provide simultaneous cooling and heating, something no other two-pipe system can do. The BC Controller is connected to the outdoor unit by two pipes and to each indoor unit by a series of two refrigerant pipes, depending on the indoor unit count. The BC Controller is required for all CITY MULTI R2-Series installations. It comes in 5, 6, 8, 10, 13, and 16-branch options. The BC Controller you select depends on how many indoor units will be operated from each outdoor unit and your total capacity requirements.



► Specifications

Model name			CMB-P104V-G	CMB-P105V-G	CMB-P106V-G	CMB-P108V-G	CMB-P1010V-G	CMB-P1013V-G	CMB-P1016V-G		
Number of branch			4	5	6	8	10	13	16		
Power source			~220/230/240V 50Hz/60Hz								
Power input	kW	50Hz	Cooling	0.067/0.076/0.085	0.082/0.093/0.104	0.097/0.110/0.123	0.127/0.144/0.161	0.156/0.177/0.198	0.201/0.288/0.255	0.246/0.279/0.312	
			heating	0.030/0.034/0.038	0.038/0.043/0.048	0.045/0.051/0.057	0.060/0.068/0.076	0.075/0.085/0.095	0.097/0.110/0.123	0.119/0.135/0.151	
		60Hz	Cooling	0.054/0.061/0.067	0.066/0.074/0.082	0.078/0.088/0.097	0.102/0.115/0.127	0.126/0.141/0.156	0.162/0.182/0.201	0.198/0.222/0.246	
			heating	0.024/0.027/0.030	0.030/0.034/0.038	0.036/0.041/0.045	0.048/0.054/0.060	0.060/0.068/0.075	0.078/0.088/0.097	0.096/0.108/0.119	
Current	A	50Hz	Cooling	0.31/0.34/0.36	0.38/0.41/0.44	0.45/0.48/0.52	0.58/0.63/0.68	0.71/0.77/0.83	0.92/1.00/1.07	1.12/1.22/1.30	
			heating	0.14/0.15/0.16	0.18/0.19/0.20	0.21/0.23/0.24	0.28/0.30/0.32	0.35/0.37/0.40	0.45/0.48/0.52	0.55/0.59/0.63	
		60Hz	Cooling	0.25/0.27/0.28	0.30/0.33/0.35	0.36/0.39/0.41	0.47/0.50/0.53	0.58/0.62/0.65	0.74/0.80/0.84	0.90/0.97/1.03	
			heating	0.11/0.12/0.13	0.14/0.15/0.16	0.17/0.18/0.19	0.22/0.24/0.25	0.28/0.30/0.32	0.36/0.39/0.41	0.44/0.47/0.50	
External finish			Galvanized								
Indoor unit capacity connectable to 1 branch *			R2 : Model P80 or smaller WR2 : Model P140 or smaller								
Connectable Outdoor unit ★			Refer to the combination chart of BC controller R2/WR2 series								
Height		mm	284								
Width		mm	648					1098			
Depth		mm	432								
Refrigerant piping diameter	To outdoor unit	Connectable outdoor unit capacity									
		P200			P250, P300			P350			
		High pressure pipe	ø15.88 (ø5/8) Brazed			ø19.05 (ø3/4) Brazed			ø19.05 (ø3/4) Brazed		
		Low pressure pipe	ø19.05 (ø3/4) Brazed			ø22.2 (ø7/8) Brazed			ø28.58 (ø1-1/8) Brazed		
	To indoor unit	Liquid pipe	ø9.52 (ø5/8) Flare (ø6.35 (ø1/4) with attached reducer used, ø12.7 (ø1/2) with optional joint pipe used.)								
		Gas pipe	ø15.88 (ø5/8) Flare (ø12.7 (ø1/2) with attached reducer used, ø19.05 (ø3/4) with optional joint pipe used.)								
Drain pipe			VP-25								
Net weight			24	27	29	34	39	47	54		
Accessories			•Drain connection pipe (with flexible hose and insulation) •Reducer								

Indoor unit