Model Number of branch Power source  Power input Cooling Heating Current input External finish  Connectable outdoor/heat source unit capacity Indoor unit capacity connectable to 1 branch  External dimension H x W x D  Refrigerant piping diameter  To outdoor/li  To other BC	*15	mm (in.) O.D. mm (in.) O.D. mm (in.) O.D. mm (in.) O.D.		44/0.161 168/0.076 63/0.68 30/0.32 part drain	Galvanize n pan: Pre-coated P200 to P900 Model P/M mbining 2 branche 252 x 9 9-15/16 x 3 High pre	911 x 622 5-7/8 x 24-1/2	0.102/0. 0.048/0. 0.47/0 0.22/0 s + powde	50Hz .115/0.127 .054/0.060 0.50/0.53 0.24/0.25 er coating)
Power input  Cooling Heating  Current input  External finish  Connectable outdoor/heat source unit capacity  Indoor unit capacity connectable to 1 branch  External dimension H x W x D  Refrigerant piping diameter  To indoor unit capacity	*15	kW A A A *14 mm in. unit mm (in.) O.D. mm (in.) O.D. mm (in.) O.D.	0.127/0.1 0.060/0.0 0.58/0.1 0.28/0.: (Lower  (Use optional join  Connectable unit capa P200/M200 P250/P300	44/0.161 168/0.076 63/0.68 30/0.32 part drain	Galvanize n pan: Pre-coated P200 to P900 Model P/M mbining 2 branche 252 x 9 9-15/16 x 3 High pre	d steel plate galvanized sheets //M/200 to M/300 80 or smaller ss when the total u 311 x 622 5-7/8 x 24-1/2	0.102/0. 0.048/0. 0.47/0 0.22/0 s + powde	.115/0.127 .054/0.060 0.50/0.53 0.24/0.25 er coating)
Current input  Cooling Heating  External finish  Connectable outdoor/heat source unit capacity Indoor unit capacity connectable to 1 branch  External dimension H x W x D  Refrigerant piping diameter  To indoor unit capacity connectable to 1 branch	*15	kW A A A *14 mm in. unit mm (in.) O.D. mm (in.) O.D. mm (in.) O.D.	0.127/0.1 0.060/0.0 0.58/0.1 0.28/0.: (Lower  (Use optional join  Connectable unit capa P200/M200 P250/P300	44/0.161 168/0.076 63/0.68 30/0.32 part drain	Galvanize n pan: Pre-coated P200 to P900 Model P/M mbining 2 branche 252 x 9 9-15/16 x 3 High pre	galvanized sheets 0/M200 to M300 80 or smaller es when the total u 011 x 622 5-7/8 x 24-1/2	0.102/0. 0.048/0. 0.47/0 0.22/0 s + powde	.115/0.127 .054/0.060 0.50/0.53 0.24/0.25 er coating)
Current input  Cooling Heating  External finish  Connectable outdoor/heat source unit capacity Indoor unit capacity connectable to 1 branch  External dimension H x W x D  Refrigerant piping diameter  To indoor unit capacity connectable to 1 branch	*15	kW A A A *14 mm in. unit mm (in.) O.D. mm (in.) O.D. mm (in.) O.D.	0.060/0.0 0.58/0.1 0.28/0.3 (Lower (Use optional join Connectable unit capa P200/M200 P250/P300	068/0.076 63/0.68 30/0.32 part drain	Galvanize n pan: Pre-coated P200 to P900 Model P/M mbining 2 branche 252 x 9 9-15/16 x 3 High pre	galvanized sheets 0/M200 to M300 80 or smaller es when the total u 011 x 622 5-7/8 x 24-1/2	0.048/0. 0.47/0 0.22/0 s + powde	0.54/0.060 0.50/0.53 0.24/0.25 er coating)
Current input  External finish  Connectable outdoor/heat source unit capacity  Indoor unit capacity connectable to 1 branch  External dimension H x W x D  Refrigerant piping diameter  To indoor unit capacity  To indoor unit capacity connectable to 1 branch	*15	mm in. unit mm (in.) O.D. mm (in.) O.D. mm (in.) O.D.	0.58/0.1 0.28/0.: (Lower (Use optional join Connectable unit capa P200/M200 P250/P300	63/0.68 30/0.32 part drain	Galvanize n pan: Pre-coated P200 to P900 Model P/M mbining 2 branche 252 x 9 9-15/16 x 3 High pre	galvanized sheets 0/M200 to M300 80 or smaller es when the total u 011 x 622 5-7/8 x 24-1/2	0.47/0 0.22/0 s + powde	0.50/0.53 0.24/0.25 er coating)
External finish  Connectable outdoor/heat source unit capacity Indoor unit capacity connectable to 1 branch  External dimension H x W x D  Refrigerant piping diameter  To indoor unit capacity connectable to 1 branch	*15	mm in. unit mm (in.) O.D. mm (in.) O.D. mm (in.) O.D. mm (in.) O.D.	(Use optional joir  Connectable unit capa P200/M200 P250/P300	part drain	n pan: Pre-coated P200 to P900 Model P/M mbining 2 branche 252 x 9 9-15/16 x 3 High pre	galvanized sheets 0/M200 to M300 80 or smaller es when the total u 011 x 622 5-7/8 x 24-1/2	0.22/0 s + powde	0.24/0.25 er coating)
External finish  Connectable outdoor/heat source unit capacity Indoor unit capacity connectable to 1 branch  External dimension H x W x D  Refrigerant piping diameter  To outdoor/li  To indoor units  To indoor	*15	*14  mm in. unit  mm (in.) O.D.  mm (in.) O.D.  mm (in.) O.D.  mm (in.) O.D.	(Use optional joir  Connectable unit capa P200/M200 P250/P300	part drai	n pan: Pre-coated P200 to P900 Model P/M mbining 2 branche 252 x 9 9-15/16 x 3 High pre	galvanized sheets 0/M200 to M300 80 or smaller es when the total u 011 x 622 5-7/8 x 24-1/2	s + powde	er coating)
Connectable outdoor/heat source unit capacity Indoor unit capacity connectable to 1 branch  External dimension H x W x D  Refrigerant piping diameter  To outdoor/li  To indoor units  To indoor	*15	mm in. unit mm (in.) O.D. mm (in.) O.D. mm (in.) O.D. mm (in.) O.D.	(Use optional joir  Connectable unit capa P200/M200 P250/P300	nt pipe co	n pan: Pre-coated P200 to P900 Model P/M mbining 2 branche 252 x 9 9-15/16 x 3 High pre	galvanized sheets 0/M200 to M300 80 or smaller es when the total u 011 x 622 5-7/8 x 24-1/2		
Indoor unit capacity connectable to 1 branch  External dimension H x W x D  Refrigerant piping diameter  To indoor unit capacity connectable to 1 branch	*15	mm in. unit mm (in.) O.D. mm (in.) O.D. mm (in.) O.D. mm (in.) O.D.	(Use optional joir  Connectable unit capa P200/M200 P250/P300	nt pipe co	P200 to P900 Model P/M mbining 2 branche 252 x 9 9-15/16 x 3 High pre	0/M200 to M300 80 or smaller es when the total u 911 x 622 5-7/8 x 24-1/2		
Indoor unit capacity connectable to 1 branch  External dimension H x W x D  Refrigerant piping diameter  To indoor unit capacity connectable to 1 branch	*15	mm in. unit mm (in.) O.D. mm (in.) O.D. mm (in.) O.D. mm (in.) O.D.	Connectable unit capa P200/M200 P250/P300		Model P/M mbining 2 branche 252 x 9 9-15/16 x 3 High pre	80 or smaller es when the total u 911 x 622 5-7/8 x 24-1/2	unit capac	city exceeds P/M81.)
External dimension H x W x D  Refrigerant piping diameter  To outdoor/liping diameter	*15	mm in. unit mm (in.) O.D. mm (in.) O.D. mm (in.) O.D. mm (in.) O.D.	Connectable unit capa P200/M200 P250/P300		mbining 2 branche 252 x 9 9-15/16 x 3 High pre	es when the total u 911 x 622 5-7/8 x 24-1/2	unit capac	city exceeds P/M81.)
Refrigerant piping diameter  To outdoor/l	*15	in. unit mm (in.) O.D. mm (in.) O.D. mm (in.) O.D. mm (in.) O.D.	P200/M200 P250/P300	acity	9-15/16 x 3 High pre	5-7/8 x 24-1/2		
piping diameter  To indoor un	*15	mm (in.) O.D. mm (in.) O.D. mm (in.) O.D. mm (in.) O.D.	P200/M200 P250/P300	acity	High pre			
piping diameter  To indoor un	*15	mm (in.) O.D. mm (in.) O.D. mm (in.) O.D. mm (in.) O.D.	P200/M200 P250/P300	acity		ss pine		
To indoor ur	*15	mm (in.) O.D. mm (in.) O.D. mm (in.) O.D.	P250/P300		15.88 (5/8			Low press. pipe
To indoor ur	*15	mm (in.) O.D.				3) Brazed		19.05 (3/4) Brazed
	*15	mm (in.) O.D.	P350			4) Brazed		22.2 (7/8) Brazed
					19.05 (3/4) Braz Bra		:	28.58 (1-1/8) Brazed
		<i>"</i> \ 0.5	P400 to P500		22.2 (7/8	) Brazed		28.58 (1-1/8) Brazed
	*15	mm (in.) O.D.	P550		22.2 (7/8) Brazed Bra			28.58 (1-1/8) Brazed
		mm (in.) O.D.	P600			d or 28.58 (1-1/8) 28.58 azed		I-1/8) Brazed or 34.93 (1-3/8) Brazed
		mm (in.) O.D.	P650		28.58 (1-1/8) Brazed		28.58 (1-1/8) Brazed	
		mm (in.) O.D.	P700 to P800		28.58 (1-1/8) Brazed			34.93 (1-3/8) Brazed
		mm (in.) O.D.	P850 to P900 M250/M300		28.58 (1-1	-1/8) Brazed		41.28 (1-5/8) Brazed
		mm (in.) O.D.			15.88 (5/	3) Brazed		22.2 (7/8) Brazed
To other BC	nit		Liquid pipe			Gas pipe		
To other BC		mm (in.) O.D.	Indoor unit Model 50 or smaller 6.35 ( bigger than 50 9.		` '			naller 12.7 (1/2) Brazed er than 50 15.88 (5/8) Brazed
To other BC					(19.05 (3/4), 22		2.2 (7/8)	with optional joint pipe used.)
	controller		Total down-stream Indoor unit capacity	Higl	h press. pipe	Liquid pipe	е	Low press. pipe
		mm (in.) O.D.	to P200/M200	15.88	8 (5/8) Brazed	9.52 (3/8) Bra	azed	19.05 (3/4) Brazed
		mm (in.) O.D.	P201 to P300	19.05	5 (3/4) Brazed	9.52 (3/8) Bra	azed	22.2 (7/8) Brazed
		mm (in.) O.D.	P301 to P350	19.05	5 (3/4) Brazed	12.7 (1/2) Bra	azed	28.58 (1-1/8) Brazed
		mm (in.) O.D.	P351 to P400	22.2	(7/8) Brazed	12.7 (1/2) Bra	azed	28.58 (1-1/8) Brazed
		mm (in.) O.D.	P401 to P600		(7/8) Brazed	15.88 (5/8) Br		28.58 (1-1/8) Brazed
		mm (in.) O.D.	P601 to P650		(1-1/8) Brazed	15.88 (5/8) Br		28.58 (1-1/8) Brazed
		mm (in.) O.D.	P651 to P800		(1-1/8) Brazed	19.05 (3/4) Br		34.93 (1-3/8) Brazed
		mm (in.) O.D.	P801 to P1000		(1-1/8) Brazed	19.05 (3/4) Br		41.28 (1-5/8) Brazed
		mm (in.) O.D.	P1001 or above		(1-3/8) Brazed	19.05 (3/4) Br		41.28 (1-5/8) Brazed
		mm (in.) O.D.	M201 to M300		3 (5/8) Brazed	9.52 (3/8) Bra		22.2 (7/8) Brazed
l		mm (in.) O.D.	M301 to M350		8 (5/8) Brazed	12.7 (1/2) Bra		28.58 (1-1/8) Brazed 28.58 (1-1/8) Brazed
		mm (in.) O.D. mm (in.) O.D.	M351 to M400 M401 to M450		5 (3/4) Brazed	12.7 (1/2) Bra 15.88 (5/8) Br		28.58 (1-1/8) Brazed 28.58 (1-1/8) Brazed
Field drain pipe size	mm (ir		IVITO I LO IVITO	19.00	19.05 (3/4) Brazed 15.88 (5/8 O.D. 32 (1-1/4)		azcu	20.00 (1-1/0) DIAZEU
Net weight		kg (lbs)				(106)		
Sound power level Rated opera		3 \/			40	·/		
(measured in anechoic room)	ation	dB <a></a>				68		
Defrost	ation	dB <a></a>				74		
Sound pressure level Rated opera	ation	ub \A>						
(measured in anechoic room)		UB VAZ	i			50		
*16 Defrost		dB <a></a>						
Accessories		dB <a></a>				56		
Remarks			Drain Connection pipe, Wa	asher. Tie		56		

## Notes:

- 1.Installation/foundation work, electrical connection work, insulation work, power source switch, and other items
- shall be referred to the Installation Manual. 2.The equipment is for R410A or R32 refrigerant.
- 2. The equipments for the foot foot engage and a state of the product in a location where noise (refrigerant noise) emitted by the unit will not disturb the neighbors. (For use in quiet environments with low background noise, position the BC CONTROLLER at least 5m away

- from any indoor units.)
  4.Sound pressure/power level differs depending on the connected outdoor/heat source unit capacity or operation condition.
- The sound pressure/power level at the rated operation is the value of the cooling mode.

  5.The sound pressure/power level values were obtained in an anechoic room. Actual sound pressure level is usually

- greater than that measured in anechoic room due to ambient noise and deflection sound.

  6.The sound pressure level values were obtained at the location below 1.5m from the unit.

  7.The solenoid valve switching sound is 56 dB (sound pressure level) regardless of the unit model.

  8.Indoor units P/M100, P/M125, P/M140 can be connected to 1 branch. (In this case, cooling capacity decrease a little.)

  9.Refrigerant piping diameter for connection of plural indoor units with 1 branch shall be referred to the Installation Manual.

  10. This unit is not designed for outside installations.
- 10. This unit is not designed for outside installations
- 11.When blazing the pipes, be sure to blaze, after covering a wet cloth to the insulation pipes of the units in order to prevent

- it from burning and shrinking by heat.

  12. The ambient relative humidity of the BC controller needs to be kept below 80%.

  13.R32 is flammable, and certain restrictions apply to the installation of units.

  When installing new units, moving the existing units, or changing the layout of the room,
- ensure that installation restrictions are observed.
  For detail, refer to the section in the DATA BOOK on installation restrictions
- 14. Indoor unit capacity connectable to 1 branch is changed depending on the indoor unit type and connection method. Please refer to the Installation Manual for more information.

  15. For the refrigerant pipe size, refer to Installation Manual of outdoor units/heat source units.

  16. The sound pressure level measured by the conventional method in JIS for reference purpose.

Model					CMB-M1	012V-JA1			
Number of branch Power source			CMB-M1012V-JA1 12 1-phase 220-230-240 V						
Power input	Cooling	kW	0.186/0.2	11/0.236	3			168/0.186	
·	Heating	kW	0.090/0.1	02/0.114	ļ		0.072/0.	081/0.090	
Current input	Cooling	Α	0.85/0.9	92/0.99			0.69/0	.74/0.78	
	Heating	Α	0.42/0.4	14/0.48			0.33/0	.36/0.38	
External finish					Galvanize	ed steel plate			
			(Lower	part dra	in pan: Pre-coated		s + powde	er coating)	
Connectable outdoor/heat source un	it capacity		P200 to P900/M200 to M300						
Indoor unit capacity connectable to 1 branch *14			Model P/M80 or smaller (Use optional joint pipe combining 2 branches when the total unit capacity exceeds P/M81.)						
External dimension H x W x D			252 x 1,135 x 622						
		in.	9-15/16 x 44-11/16 x 24-1/2						
Refrigerant	To outdoor/heat source ι		Connectable unit capa	city		ess. pipe		Low press. pipe	
piping		mm (in.) O.D.	P200/M200			8) Brazed		19.05 (3/4) Brazed	
diameter		mm (in.) O.D.	P250/P300		19.05 (3/4) Brazed		22.2 (7/8) Brazed		
	*15	mm (in.) O.D.	P350	19.05 (3/4) Bra Bra		zed or 22.2 (7/8) zed	28.58 (1-1/8) Brazed		
		mm (in.) O.D.	P400 to P500		22.2 (7/8	) Brazed	:	28.58 (1-1/8) Brazed	
	*15	mm (in.) O.D.	P550			d or 28.58 (1-1/8) zed	:	28.58 (1-1/8) Brazed	
	*15	mm (in.) O.D.	P600	0 22.2 (7/8)		d or 28.58 (1-1/8) zed	28.58 (1	-1/8) Brazed or 34.93 (1-3/8) Brazed	
		mm (in.) O.D.	P650		28.58 (1-1/8) Brazed			28.58 (1-1/8) Brazed	
		mm (in.) O.D.	P700 to P800	1		28.58 (1-1/8) Brazed		34.93 (1-3/8) Brazed	
		mm (in.) O.D.	P850 to P900		28.58 (1-1	/8) Brazed		41.28 (1-5/8) Brazed	
		mm (in.) O.D.			15.88 (5/			22.2 (7/8) Brazed	
	To indoor unit		Liquio					s pipe	
		mm (in.) O.D.	Indoor unit Model 50 or sm bigger		5 (1/4) Brazed 9.52 (3/8) Brazed		r unit Model 50 or smaller 12.7 (1/2) Brazed bigger than 50 15.88 (5/8) Brazed 9.05 (3/4), 22.2 (7/8) with optional joint pipe used.)		
	To other BC controller		Total down-stream Indoor unit capacity	Hig	h press. pipe	Liquid pip	е	Low press. pipe	
		mm (in.) O.D.	to P200/M200	15.8	8 (5/8) Brazed	9.52 (3/8) Bra	azed	19.05 (3/4) Brazed	
		mm (in.) O.D.	P201 to P300	19.0	5 (3/4) Brazed	9.52 (3/8) Bra	azed	22.2 (7/8) Brazed	
		mm (in.) O.D.	P301 to P350	19.0	5 (3/4) Brazed	12.7 (1/2) Bra	azed	28.58 (1-1/8) Brazed	
		mm (in.) O.D.	P351 to P400	22.2	2 (7/8) Brazed	12.7 (1/2) Bra	azed	28.58 (1-1/8) Brazed	
		mm (in.) O.D.	P401 to P600	22.2	2 (7/8) Brazed	15.88 (5/8) Br	azed	28.58 (1-1/8) Brazed	
		mm (in.) O.D.	P601 to P650		3 (1-1/8) Brazed	15.88 (5/8) Br		28.58 (1-1/8) Brazed	
		mm (in.) O.D.	P651 to P800		3 (1-1/8) Brazed	19.05 (3/4) Br		34.93 (1-3/8) Brazed	
		mm (in.) O.D.	P801 to P1000		8 (1-1/8) Brazed	19.05 (3/4) Brazed		41.28 (1-5/8) Brazed	
		mm (in.) O.D.			3 (1-3/8) Brazed	19.05 (3/4) Brazed		41.28 (1-5/8) Brazed	
		mm (in.) O.D.	M201 to M300		8 (5/8) Brazed	9.52 (3/8) Bra		22.2 (7/8) Brazed	
		mm (in.) O.D.	M301 to M350		8 (5/8) Brazed	12.7 (1/2) Bra		28.58 (1-1/8) Brazed	
		mm (in.) O.D. mm (in.) O.D.	M351 to M400 M401 to M450		5 (3/4) Brazed	12.7 (1/2) Bra		28.58 (1-1/8) Brazed 28.58 (1-1/8) Brazed	
Field drain pipe size	l	mm (in.) O.D.	101401 10101430	19.0	19.05 (3/4) Brazed 15.88 (5/8) E O.D. 32 (1-1/4)		a∠€u	20.00 (1-1/0) DIAZEQ	
Net weight		kg (lbs)				(133)			
Sound power level	Rated operation					1.30/			
(measured in anechoic room)	raioa oporation	dB <a></a>				68			
	Defrost	dB <a></a>				74			
Sound pressure level (measured in anechoic room)	Rated operation	dB <a></a>				50			
(modernous in anconolic room)									
*16	Defrost	dB <a></a>				56			
Accessories		·	Drain Connection pipe, Wa	sher, Tie					
Remarks									

## Notes:

- 1.Installation/foundation work, electrical connection work, insulation work, power source switch, and other items shall be referred to the Installation Manual.
- 2.The equipment is for R410A or R32 refrigerant.
  3.Install this product in a location where noise (refrigerant noise) emitted by the unit will not disturb the neighbors.
- (For use in quiet environments with low background noise, position the BC CONTROLLER at least 5m away from any indoor units.)
- 4.Sound pressure/power level differs depending on the connected outdoor/heat source unit capacity or operation condition. The sound pressure/power level at the rated operation is the value of the cooling mode.
- 5.The sound pressure/power level values were obtained in an anechoic room. Actual sound pressure level is usually greater than that measured in anechoic room due to ambient noise and deflection sound.
- 6. The sound pressure level values were obtained at the location below 1.5m from the unit.

  7. The solenoid valve switching sound is 56 dB (sound pressure level) regardless of the unit model.

  8. Indoor units P/M100, P/M125, P/M140 can be connected to 1 branch. (In this case, cooling capacity decrease a little.)

  9. Refrigerant piping diameter for connection of plural indoor units with 1 branch shall be referred to the
- Installation Manual
- 10. This unit is not designed for outside installations
- 11. When blazing the pipes, be sure to blaze, after covering a wet cloth to the insulation pipes of the units in order to prevent it from burning and shrinking by heat.
- 12. The ambient relative humidity of the BC controller needs to be kept below 80%. 13.R32 is flammable, and certain restrictions apply to the installation of units.
- When installing new units, moving the existing units, or changing the layout of the room, ensure that installation restrictions are observed.
- For detail, refer to the section in the DATA BOOK on installation restrictions
- 14. Indoor unit capacity connectable to 1 branch is changed depending on the indoor unit type and connection
- method. Please refer to the Installation Manual for more information.

  15.For the refrigerant pipe size, refer to Installation Manual of outdoor units/heat source units.
- 16. The sound pressure level measured by the conventional method in JIS for reference purpose

External finish  Connectable outdoor/heat source unit connectable outdoor/heat source unit connectable to 1 brown to the finish of the finish	ranch  To outdoor/heat source u  *15	kW kW A A A A A A A A A A A A A A A A A		279/0.312 135/0.151 22/1.30 59/0.63 r part drai	1-phase 2: 2 Galvanize in pan: Pre-coated P200 to P900 Model P/N ombining 2 branche 252 x 1 9-15/16 x 44 High pre 15.88 (5/ 19.05 (3/4) Bra: Bra	0/M200 to M300 80 or smaller es when the total u ,135 x 622 -11/16 x 24-1/2 ess. pipe 8) Brazed 4) Brazed teed or 22.2 (7/8) zed b) Brazed d or 28.58 (1-1/8)	0.198/0 0.096/0 0.90/0 0.44/0 s + powde	10Hz 1.222/0.246 1.08/0.119 1.97/1.03 1.47/0.50 er coating)  1.5ity exceeds P/M81.)  1.5ity exceeds P/M81.)
Power input  Current input  External finish  Connectable outdoor/heat source unit call Indoor unit capacity connectable to 1 brackets and indoor unit capacity cap	Heating Cooling Heating capacity ranch  To outdoor/heat source u *15	kW A A  *14  mm in. nit mm (in.) O.D.	0.246/0.2 0.119/0.1 1.12/1 0.55/0 (Lower  (Use optional join  Connectable unit cape P200/M200 P250/P300 P350 P400 to P500 P550 P600	279/0.312 135/0.151 22/1.30 59/0.63 r part drai	Galvanize in pan: Pre-coated P200 to P90i Model P/M ombining 2 branchi 252 x 1 9-15/16 x 44 High pre 15.88 (5/ 19.05 (3/4) Braz Bra 22.2 (7/8)	d steel plate galvanized sheets 0/M200 to M300 80 or smaller ess when the total u 135 x 622 -11/16 x 24-1/2 ess. pipe 8) Brazed 4) Brazed ced or 22.2 (7/8) zed b) Brazed d or 28.58 (1-1/8)	0.198/0 0.096/0 0.90/0 0.44/0 s + powde	.222/0.246 .108/0.119 .0.97/1.03 .0.47/0.50 er coating) city exceeds P/M81.) Low press. pipe 19.05 (3/4) Brazed 22.2 (7/8) Brazed 28.58 (1-1/8) Brazed
External finish  Connectable outdoor/heat source unit call Indoor unit capacity connectable to 1 bracket External dimension H x W x D  Refrigerant piping diameter	Heating Cooling Heating capacity ranch  To outdoor/heat source u *15	kW A A  *14  mm in. nit mm (in.) O.D.	0.246/0.2 0.119/0.1 1.12/1 0.55/0 (Lower  (Use optional join  Connectable unit cape P200/M200 P250/P300 P350 P400 to P500 P550 P600	279/0.312 135/0.151 22/1.30 59/0.63 r part drai	Galvanize in pan: Pre-coated P200 to P900 Model P/N ombining 2 branch 252 x 1 9-15/16 x 44 High pre 15.88 (5/ 19.05 (3/4) Bra: Bra 22.2 (7/8)	galvanized sheets D/M200 to M300 80 or smaller ses when the total u ,135 x 622 -11/16 x 24-1/2 ss. pipe 8) Brazed 4) Brazed ced or 22.2 (7/8) zed b) Brazed d or 28.58 (1-1/8)	0.198/0 0.096/0 0.90/0 0.44/0 s + powde	.222/0.246 .108/0.119 .0.97/1.03 .0.47/0.50 er coating) city exceeds P/M81.) Low press. pipe 19.05 (3/4) Brazed 22.2 (7/8) Brazed 28.58 (1-1/8) Brazed
External finish  Connectable outdoor/heat source unit call Indoor unit capacity connectable to 1 bracket External dimension H x W x D  Refrigerant piping diameter	Heating Cooling Heating capacity ranch  To outdoor/heat source u *15	kW A A  *14  mm in. nit mm (in.) O.D.	0.119/0.1 1.12/1 0.55/0 (Lower  (Use optional join  Connectable unit cape P200/M200 P250/P300 P350 P400 to P500 P550 P600	35/0.151 22/1.30 59/0.63 part drai	Galvanize in pan: Pre-coated P200 to P900 Model P/N ombining 2 branch 252 x 1 9-15/16 x 44 High pre 15.88 (5/ 19.05 (3/4) Bra: Bra 22.2 (7/8)	galvanized sheets D/M200 to M300 80 or smaller ses when the total u ,135 x 622 -11/16 x 24-1/2 ss. pipe 8) Brazed 4) Brazed ced or 22.2 (7/8) zed b) Brazed d or 28.58 (1-1/8)	0.096/0 0.90/0 0.44/0 s + powde	.108/0.119 0.97/1.03 0.47/0.50 er coating)  city exceeds P/M81.)  Low press. pipe 19.05 (3/4) Brazed 22.2 (7/8) Brazed 28.58 (1-1/8) Brazed
External finish  Connectable outdoor/heat source unit connectable outdoor/heat source unit connectable to 1 brown and the source unit connectable to 1 brown and 1 bro	Cooling Heating  capacity ranch  To outdoor/heat source u  *15	mm in. mm (in.) O.D.	1.12/1 0.55/0.: (Lower  (Use optional join  Connectable unit cape P200/M200 P250/P300 P350 P400 to P500 P550 P600	22/1.30 59/0.63 part drai	Galvanize in pan: Pre-coated P200 to P900 Model P/M ombining 2 branche 252 x 1 9-15/16 x 44 High pre 15.88 (5/ 19.05 (3/4) Braz Bra 22.2 (7/8)	galvanized sheets D/M200 to M300 80 or smaller ses when the total u ,135 x 622 -11/16 x 24-1/2 ss. pipe 8) Brazed 4) Brazed ced or 22.2 (7/8) zed b) Brazed d or 28.58 (1-1/8)	0.90/C 0.44/C s + powde	0.97/1.03 0.47/0.50 er coating) city exceeds P/M81.) Low press. pipe 19.05 (3/4) Brazed 22.2 (7/8) Brazed 28.58 (1-1/8) Brazed
External finish  Connectable outdoor/heat source unit countries and indoor unit capacity connectable to 1 brown and indoor unit capacity capa	capacity ranch  Fo outdoor/heat source u  *15	*14  mm in. mit mm (in.) O.D.	0.55/0.  (Lower  (Use optional join  Connectable unit cape P200/M200 P250/P300 P350 P400 to P500 P550 P600	part drai	in pan: Pre-coated P200 to P900 Model P/M ombining 2 branche 252 x 1 9-15/16 x 44 High pre 15.88 (5/ 19.05 (3/4) Braz Bra 22.2 (7/8)	galvanized sheets D/M200 to M300 80 or smaller ses when the total u ,135 x 622 -11/16 x 24-1/2 ss. pipe 8) Brazed 4) Brazed ced or 22.2 (7/8) zed b) Brazed d or 28.58 (1-1/8)	0.44/0	D.47/0.50 er coating)  city exceeds P/M81.)  Low press. pipe 19.05 (3/4) Brazed 22.2 (7/8) Brazed 28.58 (1-1/8) Brazed
External finish  Connectable outdoor/heat source unit connectable outdoor/heat source unit connectable to 1 brown and the source of the source	capacity ranch  To outdoor/heat source u  *15	*14  mm in.  init  mm (in.) O.D.	(Lower  (Use optional join  Connectable unit cape P200/M200 P250/P300 P350 P400 to P500 P550 P600	part drai	in pan: Pre-coated P200 to P900 Model P/M ombining 2 branche 252 x 1 9-15/16 x 44 High pre 15.88 (5/ 19.05 (3/4) Braz Bra 22.2 (7/8)	galvanized sheets D/M200 to M300 80 or smaller ses when the total u ,135 x 622 -11/16 x 24-1/2 ss. pipe 8) Brazed 4) Brazed ced or 22.2 (7/8) zed b) Brazed d or 28.58 (1-1/8)	s + powde	Low press. pipe 19.05 (3/4) Brazed 22.2 (7/8) Brazed 28.58 (1-1/8) Brazed
Connectable outdoor/heat source unit call Indoor unit capacity connectable to 1 brackets and the External dimension H x W x D  Refrigerant piping diameter	ranch  To outdoor/heat source u  *15	mm in. unit mm (in.) O.D.	(Use optional join  Connectable unit caps P200/M200 P250/P300 P350 P400 to P500 P550 P600	nt pipe co	in pan: Pre-coated P200 to P900 Model P/M ombining 2 branche 252 x 1 9-15/16 x 44 High pre 15.88 (5/ 19.05 (3/4) Braz Bra 22.2 (7/8)	galvanized sheets D/M200 to M300 80 or smaller ses when the total u ,135 x 622 -11/16 x 24-1/2 ss. pipe 8) Brazed 4) Brazed ced or 22.2 (7/8) zed b) Brazed d or 28.58 (1-1/8)	unit capac	Low press. pipe 19.05 (3/4) Brazed 22.2 (7/8) Brazed 28.58 (1-1/8) Brazed
Indoor unit capacity connectable to 1 bra  External dimension H x W x D  Refrigerant piping diameter	ranch  To outdoor/heat source u  *15	mm in. unit mm (in.) O.D.	(Use optional join  Connectable unit caps P200/M200 P250/P300 P350 P400 to P500 P550 P600	nt pipe co	P200 to P900 Model P/M pmbining 2 branche 252 x 1 9-15/16 x 44 High pre 15.88 (5/ 19.05 (3/4) Braz 22.2 (7/8) 22.2 (7/8) Brazee	0/M200 to M300 80 or smaller es when the total u ,135 x 622 -11/16 x 24-1/2 ess. pipe 8) Brazed 4) Brazed teed or 22.2 (7/8) zed b) Brazed d or 28.58 (1-1/8)	unit capac	Low press. pipe 19.05 (3/4) Brazed 22.2 (7/8) Brazed 28.58 (1-1/8) Brazed
Indoor unit capacity connectable to 1 bra  External dimension H x W x D  Refrigerant piping diameter	ranch  To outdoor/heat source u  *15	mm in. unit mm (in.) O.D.	Connectable unit capa P200/M200 P250/P300 P350 P400 to P500 P550 P600		Model P/N mbining 2 branche 252 x 1 9-15/16 x 44 High pre 15.88 (5/ 19.05 (3/4) Braz Bra 22.2 (7/8)	80 or smaller es when the total u ,135 x 622 -11/16 x 24-1/2 ess. pipe 8) Brazed 44) Brazed ted or 22.2 (7/8) zed or 28.58 (1-1/8)		Low press. pipe 19.05 (3/4) Brazed 22.2 (7/8) Brazed 28.58 (1-1/8) Brazed
External dimension H x W x D  Refrigerant piping diameter  To	Fo outdoor/heat source u *15	mm in. unit mm (in.) O.D.	Connectable unit capa P200/M200 P250/P300 P350 P400 to P500 P550 P600		252 x 1 9-15/16 x 44 High pre 15.88 (5) 19.05 (3/4) Braz Bra 22.2 (7/8)	es when the total u ,135 x 622 -11/16 x 24-1/2 sss. pipe 8) Brazed 4) Brazed ted or 22.2 (7/8) zed b) Brazed d) Brazed		Low press. pipe 19.05 (3/4) Brazed 22.2 (7/8) Brazed 28.58 (1-1/8) Brazed
Refrigerant piping diameter	*15	in. Init Init Init Init Init Init Init Init	P200/M200 P250/P300 P350 P400 to P500 P550 P600	acity	9-15/16 x 44  High pre 15.88 (5/ 19.05 (3/4) Braz  Bra  22.2 (7/8) 22.2 (7/8) Brazeet	-11/16 x 24-1/2 ess. pipe 8) Brazed 4) Brazed ted or 22.2 (7/8) zed b) Brazed d or 28.58 (1-1/8)		19.05 (3/4) Brazed 22.2 (7/8) Brazed 28.58 (1-1/8) Brazed
piping diameter	*15	mm (in.) O.D.	P200/M200 P250/P300 P350 P400 to P500 P550 P600	acity	High pre 15.88 (5/ 19.05 (3/4) 19.05 (3/4) Braz Bra 22.2 (7/8) 22.2 (7/8) Brazee	ess. pipe 8) Brazed 4) Brazed ded or 22.2 (7/8) zed b) Brazed d or 28.58 (1-1/8)		19.05 (3/4) Brazed 22.2 (7/8) Brazed 28.58 (1-1/8) Brazed
piping diameter	*15	mm (in.) O.D.	P200/M200 P250/P300 P350 P400 to P500 P550 P600	acity	15.88 (5/ 19.05 (3/4) Braz Bra 22.2 (7/8) Brazed	8) Brazed 4) Brazed 2ed or 22.2 (7/8) zed 6) Brazed d or 28.58 (1-1/8)		19.05 (3/4) Brazed 22.2 (7/8) Brazed 28.58 (1-1/8) Brazed
diameter	*15	mm (in.) O.D.	P250/P300 P350 P400 to P500 P550 P600		19.05 (3/4) Braz Bra 22.2 (7/8) 22.2 (7/8) Brazed	4) Brazed zed or 22.2 (7/8) zed b) Brazed d or 28.58 (1-1/8)		22.2 (7/8) Brazed 28.58 (1-1/8) Brazed
Τ	*15	mm (in.) O.D.	P350 P400 to P500 P550 P600		19.05 (3/4) Braz Bra 22.2 (7/8 22.2 (7/8) Brazec	zed or 22.2 (7/8) zed s) Brazed d or 28.58 (1-1/8)		28.58 (1-1/8) Brazed
	*15	mm (in.) O.D.	P400 to P500 P550 P600		22.2 (7/8) Brazeo	zed b) Brazed d or 28.58 (1-1/8)		
		mm (in.) O.D. mm (in.) O.D. mm (in.) O.D. mm (in.) O.D.	P550 P600		22.2 (7/8) Brazed	d or 28.58 (1-1/8)		28.58 (1-1/8) Brazed
		mm (in.) O.D. mm (in.) O.D. mm (in.) O.D.	P600					
	*15	mm (in.) O.D. mm (in.) O.D.				zeu	-	28.58 (1-1/8) Brazed
		mm (in.) O.D.	P650		22.2 (7/8) Brazeo Bra	d or 28.58 (1-1/8) zed	28.58 (1	-1/8) Brazed or 34.93 (1-3/8) Brazed
		mm (in.) O.D.			28.58 (1-1	/8) Brazed		28.58 (1-1/8) Brazed
			P700 to P800		28.58 (1-1/8) Brazed		34.93 (1-3/8) Brazed	
		IIIIII (III.) O.D.	P850 to P900 M250/M300			28.58 (1-1/8) Brazed		41.28 (1-5/8) Brazed
		mm (in.) O.D.			15.88 (5/	8) Brazed		22.2 (7/8) Brazed
Т	Γο indoor unit		Liquid	d pipe			Ga	s pipe
То		mm (in.) O.D.	Indoor unit Model 50 or smaller 6.35 (1/4) Brazed Indoor unit Model 50 or smaller 12.7 (1/2) bigger than 50 9.52 (3/8) Brazed bigger than 50 15.8					naller 12.7 (1/2) Brazed er than 50 15.88 (5/8) Brazed
То		(,	zigger man ee		, ,		22.2 (7/8) with optional joint pipe used	
	To other BC controller		Total down-stream Indoor unit capacity	Hig	h press. pipe	Liquid pipe		Low press. pipe
<u> </u>		mm (in.) O.D.	to P200/M200	15.88	8 (5/8) Brazed	9.52 (3/8) Bra	azed	19.05 (3/4) Brazed
		mm (in.) O.D.	P201 to P300		5 (3/4) Brazed	9.52 (3/8) Bra		22.2 (7/8) Brazed
		mm (in.) O.D.	P301 to P350		5 (3/4) Brazed	12.7 (1/2) Bra		28.58 (1-1/8) Brazed
		mm (in.) O.D.	P351 to P400		2 (7/8) Brazed	12.7 (1/2) Bra		28.58 (1-1/8) Brazed
		mm (in.) O.D.	P401 to P600		2 (7/8) Brazed	15.88 (5/8) Br		28.58 (1-1/8) Brazed
		mm (in.) O.D.	P601 to P650		(1-1/8) Brazed	15.88 (5/8) Br		28.58 (1-1/8) Brazed
		mm (in.) O.D.	P651 to P800		(1-1/8) Brazed	19.05 (3/4) Br		34.93 (1-3/8) Brazed
		mm (in.) O.D.	P801 to P1000	28.58	3 (1-1/8) Brazed     19.05 (3/4) Br       3 (1-3/8) Brazed     19.05 (3/4) Br       38 (5/8) Brazed     9.52 (3/8) Br		azed	41.28 (1-5/8) Brazed
		mm (in.) O.D.	P1001 or above	34.93			razed	41.28 (1-5/8) Brazed
		mm (in.) O.D.	M201 to M300	15.88			azed	22.2 (7/8) Brazed
		mm (in.) O.D.	M301 to M350		8 (5/8) Brazed	12.7 (1/2) Bra		28.58 (1-1/8) Brazed
		mm (in.) O.D.	M351 to M400			12.7 (1/2) Bra		28.58 (1-1/8) Brazed
		mm (in.) O.D.	M401 to M450	19.0	5 (3/4) Brazed 15.88 (5/8) B		razed	28.58 (1-1/8) Brazed
Field drain pipe size		mm (in.)	1			32 (1-1/4)		
Net weight	Data d an austi	kg (lbs)			68	(150)		
Sound power level (measured in anechoic room)	Rated operation	dB <a></a>				68		
	Onfront	dD < A>				74		
	Defrost Poted operation	dB <a></a>				74		
Sound pressure level (measured in anechoic room)	Rated operation	dB <a></a>				50		
*16 D		dB <a></a>	1			56		
Accessories	Defrost	· · · · · · · · · · · · · · · · · · ·	Drain Connection pipe, Wa	asher. Tie				
Remarks	Defrost							

- 1.Installation/foundation work, electrical connection work, insulation work, power source switch, and other items shall be referred to the Installation Manual.
- 2.The equipment is for R410A or R32 refrigerant.
  3.Install this product in a location where noise (refrigerant noise) emitted by the unit will not disturb the neighbors.
- (For use in quiet environments with low background noise, position the BC CONTROLLER at least 5m away from any indoor units.)
- 4.Sound pressure/power level differs depending on the connected outdoor/heat source unit capacity or operation condition.

  The sound pressure/power level at the rated operation is the value of the cooling mode.
- 5.The sound pressure/power level values were obtained in an anechoic room. Actual sound pressure level is usually greater than that measured in anechoic room due to ambient noise and deflection sound.

- 6. The sound pressure level values were obtained at the location below 1.5m from the unit.
  7. The solenoid valve switching sound is 56 dB (sound pressure level) regardless of the unit model.
  8. Indoor units P/M100, P/M125, P/M140 can be connected to 1 branch. (In this case, cooling capacity decrease a little.)
  9. Refrigerant piping diameter for connection of plural indoor units with 1 branch shall be referred to the
- Installation Manual.
- 10. This unit is not designed for outside installations
- 11.When blazing the pipes, be sure to blaze, after covering a wet cloth to the insulation pipes of the units in order to prevent it from burning and shrinking by heat.
- 12. The ambient relative humidity of the BC controller needs to be kept below 80%. 13.R32 is flammable, and certain restrictions apply to the installation of units.
- When installing new units, moving the existing units, or changing the layout of the room, ensure that installation restrictions are observed.

  For detail, refer to the section in the DATA BOOK on installation restrictions.
- 14. Indoor unit capacity connectable to 1 branch is changed depending on the indoor unit type and connection
- method. Please refer to the Installation Manual for more information.

  15.For the refrigerant pipe size, refer to Installation Manual of outdoor units/heat source units.
- 16. The sound pressure level measured by the conventional method in JIS for reference purpose