

# Branches For Indoor Units



Branch Model	Packed Dimensions		Gross Weight Kg/Lbs
	mm	inch	
CTVS-B-IB-01D	mm	290 x 105 x 100	0.4/0.9
CTVS-B-IB-02D	inch	7-31/64" x 4-9/64" x 3-15/16"	0.6/1.3
CTVS-B-IB-03D	mm	310 x 130 x 125	0.9/2.0
	inch	12-13/64" x 5-1/8" x 4-59/64"	
CTVS-B-IB-04D	mm	350 x 180 x 170	1.5/3.3
	inch	13-25/32" x 7-3/32" x 6-11/16"	
CTVS-B-IB-05D	mm	365 x 195 x 215	1.9/4.2
	inch	14-3/8" x 7-43/64" x 8-15/32"	
CTVS-B-IB-06D	mm	390 x 230 x 255	3.1/6.8
CTVS-B-IB-07D	inch	15-23/64" x 9-1/16" x 10-3/64"	3.4/7.5



Heat Pump and Cooling Only IDU

# Branches For Indoor Units



Model	Description	Range	
		Mbtu/h	kW
CTVS-B-IB-01D	Comfort Time Indoor Branch Type 1, Gas and liquid, (include isolation). Up to 56 Mbtu/h (Up to 16.6 kW)	0 < 56	0 < 16.6
CTVS-B-IB-02D	Comfort Time Indoor Branch Type 2, Gas and liquid, (include isolation). From 57 to 113 Mbtu/h (16.6 to 33 kW)	57 < 113	16.6 < 33
CTVS-B-IB-03D	Comfort Time Indoor Branch Type 3, Gas and liquid, (include isolation). From 113 to 225 Mbtu/h (33 to 66 kW)	113 < 225	33 < 66
CTVS-B-IB-04D	Comfort Time Indoor Branch Type 4, Gas and liquid, (include isolation). From 225 to 315 Mbtu/h (66 to 92 kW)	225 < 315	66 < 92
CTVS-B-IB-05D	Comfort Time Indoor Branch Type 5, Gas and liquid, (include isolation). From 315 to 480 Mbtu/h (92 to 140 kW)	315 < 480	92 < 140
CTVS-B-IB-06D	Comfort Time Indoor Branch Type 6, Gas and liquid, (include isolation). From 480 to 634 Mbtu/h (140 to 185 kW)	480 < 634	140 < 185
CTVS-B-IB-07D	Comfort Time Indoor Branch Type 7, Gas and liquid, (include isolation). From 634 and Up Mbtu/h (185 and Up)	634 < UP	185 < UP

Heat Pump and Cooling Only IDU

# Branches For Outdoor Units Cooling Only



## Tropical Series

	Banch Model	Packed Dimensions		Gross Weight
		mm		Kg/Lbs
	CTVS-B-OB-02N1E	mm	255 x 150 x 185	2.0/4.4
		inch	10-3/64" x 5-29/32" x 7-9/32"	
	CTVS-B-OB-03N1E	mm	345 x 160 x 285	4.3/9.5
		inch	13-37/64" x 6-19/64" x 11-7/32"	

# Branches For Outdoor Units Heat Pump Four Seasons SERIES



	Branch Model	Packed Dimensions		Gross Weight Kg/Lbs
		mm	inch	
	CTVS-B-OB-02N1D	255 x 150 x 185		1.5/3.3
			10-3/64" x 5-29/32" x 7-9/32"	
	CTVS-B-OB-03N1D	345 x 160 x 285		3.4/7.5
			13-37/64" x 6-19/64" x 11-7/32"	
	CTVS-B-OB-04N1D	475 x 165 x 300		4.8/10.6
			18-45/64" x 6-1/2" x 11-13/16"	

# HEADER CONNECTION Available through branch box (Only for MINI VRF) CTVS-B-FQT4-01



The Branch Box allows to connect up to 4 indoor units to the main piping

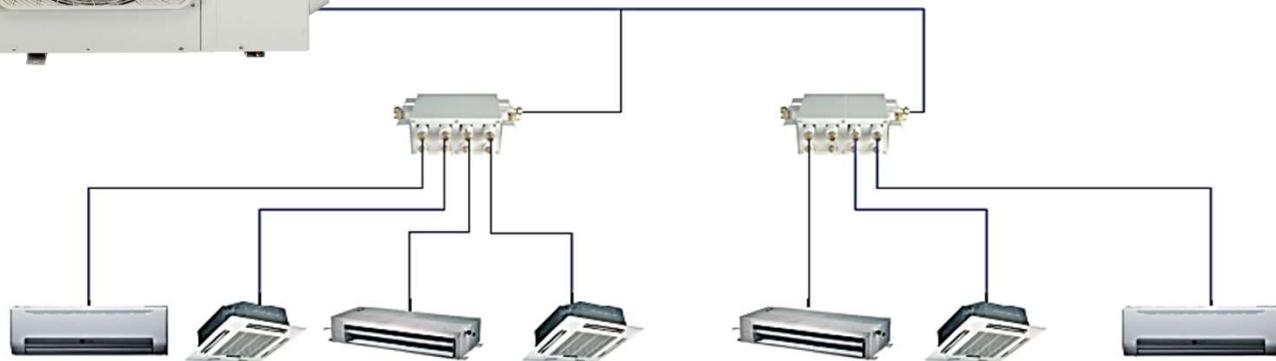
Main features:

- Safer and quicker installation: the coupling between Branch Box and outdoor unit is not welded but fixed with a flare connection, simplifying piping work. Indoor units are also easy to connect thanks to the two different adaptor kits provided as a standard, which let available connections of  $\phi 12,7\text{mm}/\phi 6,35\text{mm}$  (gas/liquid side) or  $\phi 15,9\text{mm}/\phi 9,53\text{mm}$  (gas/liquid side).
- Easy maintenance: the check for refrigerant leakage can be easily done thanks to the centralized distribution of refrigerant and the standard maintenance is as simple as for a PCB.
- Silent operations: thanks to the linear expansion design the refrigerant flow will be more well distributed. Installing the Branch Box in the false-ceiling or outside, the indoor sound level can be reduced.



Easier and safer installation thanks to a branch box that simplifies piping work and the adoption of screw connection.

Both left and right pipe flare connections from outdoor unit to branch box are dedicated, which greatly simplifies field installation.



## Basic information

Package measurements (L x W x H)

520 x 390 x 250 mm

Package weight

3,8 kg

	Dimensions [mm]			Weight [kg]
	W	H	D	
Net	410	151	310	3,8
Packing	525	240	385	5,0

