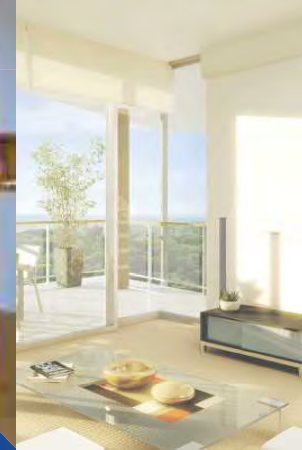
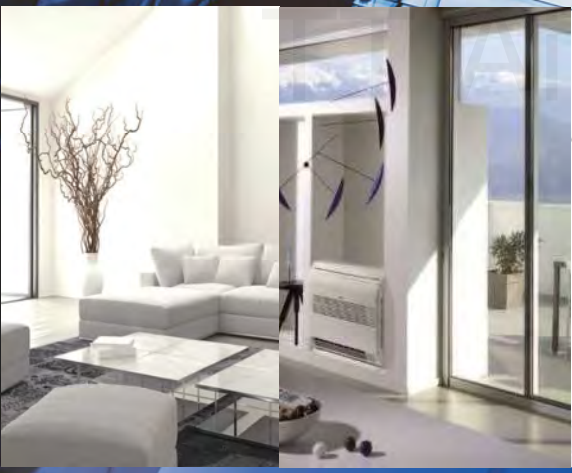




MINI XCT8

Air Conditioning for small and medium-size building



ISO 9001 QMS18026/1686
ISO 14001 EMS18012/471
ISO 45001 OHSMS19061/078

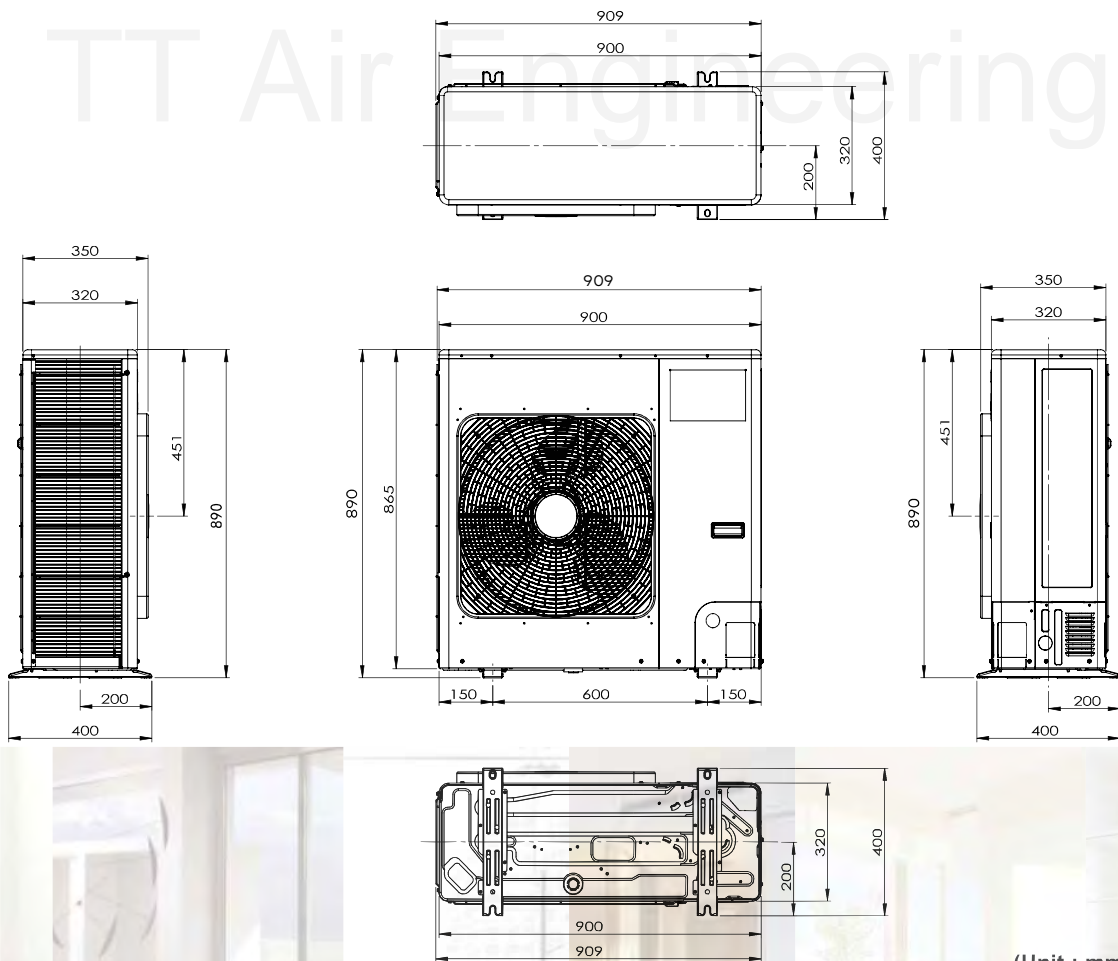


Outdoor units



4HP	Model name	38VS004181CTST
	Cooling capacity	12.1 kW
5HP	Model name	38VS005181CTST
	Cooling capacity	14.1 kW
6HP	Model name	38VS006181CTST
	Cooling capacity	16.0 kW

38VS004181CTST to 38VS006181CTST



(Unit : mm)

FCU Combination

Model	(HP)	0.8	1.0	1.25	1.7	2.0	2.5	3.0	3.2	4.0	5.0	6.0	8.0	10.0	
	(kW)	2.2	2.8	3.6	4.5	5.6	7.1	8.0	9.0	11.2	14.0	16.0	22.4	28.0	
4-Way Cassette 40VU-S-8S-TST			[Blue bar spanning from 1.0 to 6.0 HP]												
Compact 4-Way Cassette 40VU-C-8S-TEE			[Blue bar spanning from 1.0 to 2.5 HP]												
1-Way Cassette 40VU-1-8S-TST			[Blue bar spanning from 1.0 to 3.2 HP]												
Slim Duct 40VD-MP8S-CEE			[Blue bar spanning from 1.0 to 3.2 HP]												
Concealed Ducted 40VD-S-8S-TST			[Blue bar spanning from 1.0 to 6.0 HP]												
Concealed Ducted (High Static Pressure) 40VD-H-8S-TST						[Blue bar spanning from 2.0 to 2.5 HP]					[Blue bar spanning from 4.0 to 5.0 HP]				
Ceiling 40VC-S-8S3TST					[Blue bar spanning from 1.7 to 2.5 HP]						[Blue bar spanning from 4.0 to 5.0 HP]				
Hi-Wall 40VK-S-8S-TST			[Blue bar spanning from 1.0 to 4.0 HP]												

Wider ambient operation

MiNi-XCT8 is designed to well and smoothly operate at higher ambient temperature up to 50°C DB, This 50°C DB is the wider cooling operation range which Carrier tested to ensure the products keep high reliability.



Higher Energy Efficiency

Part load EER is our great advantage, A/C system in residential and small office applications is mostly operated at part load condition. MiNi-XCT8 with high energy efficiency can help customers save power consumption and their money.

Specifications

Outdoor unit model name		38VS004181CTST	38VS005181CTST	38VS006181CTST	
Outdoor unit type		Inverter	Inverter	Inverter	
Capacity code		HP 4	5	6	
Cooling Capacity (*1)	kW	12.1	14.1	16.0	
	BTU (*1.1)	41,300	48,100	54,600	
	BTU (*1.2)	41,800	48,800	55,300	
Electrical characteristics (Nominal) (*1)	Power supply (*2)	1 phase 50Hz 220-240V, 1 phase 60Hz 220V			
	Cooling	Running current	A 15.6-14.3	19.1-17.5	22.9-21.0
		Power consumption	kW 3.18	3.95	4.79
		Power factor	% 93	94	95
		SEER *EGAT No.5	22.86 ★★★★★	21.95 ★★★★★	21.22 ★★★★★
Starting Current	A Soft start	Soft start	Soft start		
Dimension	Unit	mm 890	890	890	
		Width	mm 900	900	900
		Depth	mm 320	320	320
	Packing	mm 960	960	960	
		Width	mm 970	970	970
		Depth	mm 440	440	440
Total Weight	Unit	kg 74	74	74	
	Packing unit	kg 79	79	79	
Appearance (Color)		Silky shade (Munsell 1Y8.5/0.5)			
Compressor	Type	Hermetic twin rotary compressor			
	Motor output	kW 3.75			
Fan unit	Fan	Propeller fan			
	Motor output	W 100			
	Air volume	m3/h 4700	4850	5000	
Refrigerant R410A (Charged refrigerant amount) (*3)		kg 0.9			
Electrical specifications	Unit	MCA (*4) A 27.0	28.0	28.0	
		MOCP (*5) A 32.0	32.0	32.0	
Piping length	Total extension of pipe		90.0	90.0	90.0
	Farthest piping length (real length)		50.0	50.0	50.0
	Height difference (upper outdoor unit)		15.0	15.0	15.0
	Height difference (lower outdoor unit)		15.0	15.0	15.0
	Height between indoor units		10.0	10.0	10.0
Refrigerant piping	Connecting port dia	Gas side (main pipe) mm 15.9	15.9	19.1	
		Liquid side (main pipe) mm 9.5	9.5	9.5	
	Connecting method	Gas side	Flare	Flare	Flare
		Liquid side	Flare	Flare	Flare
Operation temperature range		°C DB 5 to 50			
Max. No. of connected indoor units		6			
Connectable FCU diversity		80 - 130%			
Sound pressure level		dB(A) 52	53	55	

Notes: (*1) Rated conditions

(*1.1) Indoor air temperature 27.0 °C DB/ 19.0 °C WB, outdoor air temperature 35.0 °C DB

(*1.2) Indoor air temperature 27.0 °C DB/ 19.5 °C WB, outdoor air temperature 35.0 °C DB

The standard pipe means that equivalent piping length of 7.5 m and standard 0 m piping height difference

(*2) The source voltage must not fluctuate more than ± 10%

(*3) The amount dose not consider extra piping length and indoor unit type

Refrigerant must be added on site in accordance with the actual piping length and indoor unit type

(*4) Select wire size base on the large value of MCA

(*5) MOCP: Maximum overcurrent protection (Amps)

Notice: - Products listed in this leaflet use HFC refrigerant R410A with a GWP of 2,088*.

- Carrier is committed to continuously improving its products to ensure the highest quality and reliability standards, and to meet local regulations and market requirements. All features and specifications are subject to change without prior notice.

*The GWP value is calculated based on information provided in the EU F gas Regulation and IPCC Fourth Assessment Report.

Carrier reserves the right to make changes in specifications without prior notice.