SUBMITTAL DATA

TVR Smart – Hi Wall

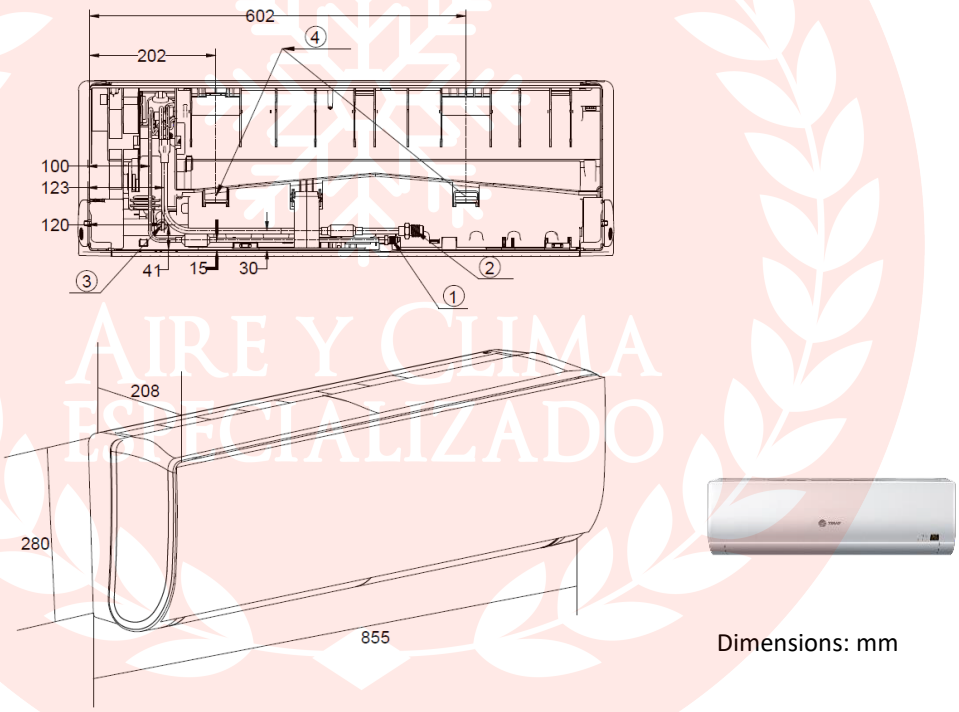
5.1kBtu/h – 220-240V/1Ph/50-60Hz DC Motor

Model: 4TVW0005RF000AA

Job Name:		Date:	
Reference:		Location:	

Commercial Air Conditioner > TVR Smart > Indoor Unit > Hi Wall

- **Overall Dimensions**



Dimensions: mm

No.	Parts Name	No.	Parts Name
1	Liquid pipe connection	3	Drain pipe connection
2	Gas pipe connection	4	Snap joint

AIRE Y CLIMA ESPECIALIZADO

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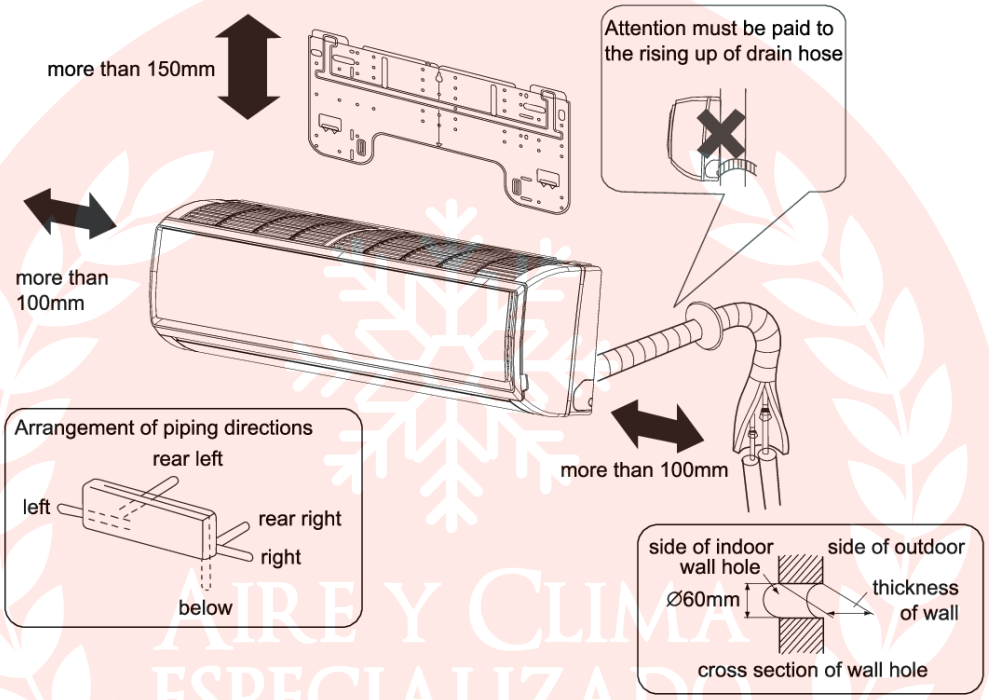
- **Installation Space Requirements**



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- **Specifications**

Model			4TVW0005RF000AA
Rated Cooling※1	Capacity	kBtu/h	5.1
	Capacity	kW	1.5
	Power Input	kW	0.020
	Current	A	0.30
Rated Heating※1	Capacity	kBtu/h	5.8
	Capacity	kW	1.7
	Power Input	kW	0.020
	Current	A	0.30
Power	Power Supply	Ph/V/Hz	1/220~240/50/60
	Power Cable	mm²	3*2.5
	Communication Cable ※2	mm²	≥2*0.75
	Minimum Circuit Amps(MCA)	A	0.34
	Maximum Fuse Amps(MFA)	A	16
Fan Motor	Brand	-	Nidec
	Model	-	SIC-310-30-1(C3)(39CE)
	Type	-	DC
	Power Input	W	38
	Power Output	W	30
	Full Load Amps(FLA)	A	0.27
	Quantity	-	1
	Insulation Class	-	E
	IP Class	-	IP41
	Capacitor	μF	-
	Fan Speed (SH/H/H-M/M/M-L/L/Q)	rpm	1000/930/885/840/810/790/700
Fan	Type	-	Cross flow fan
	Fan OD. Diameter	mm	Ø97.8
	Number of Fans	-	1
Airflow Rate (SH/H/H-M/M/M-L/L/Q)		m^3/h	500/480/460/435/415/405/370
		CFM	294/282/271/256/244/238/218
Heat Exchanger	Number of Rows	-	2
	Tube Pitch	mm	21
	Row Pitch	mm	13.3
	Fin Spacing	mm	1.4
	Fin Material	-	Hydrophilic aluminum
	Tube Outside Diameter	mm	Ø7
	Tube Type	-	Inner grooved
	Dimension (W*D*H)	mm	-
	Number of Circuits	-	2
Casing	Color	-	Snow white
	Material	-	ABS

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Model: 4TVW0005RF000AA

Model			4TVW0005RF000AA
Salt Spray Test Duration		Hour	-
Electrical Control Box IP Class		-	IP20
Construction	Sheet Metal Thickness	mm	-
	Drain Pan Material	-	ABS
	Drain Pan Insulation Class	-	15
	Drain Pump Head	mm	-
	Branch Outlet Option	-	-
Indoor Wall	Material	-	ABS
	Thickness	mm	-
	Double or Single Skin	-	Single
Air Filter	Material	-	PP
	Mesh	-	100
	Pressure Drop	Pa	5
Pipe Dimension	Liquid Pipe OD. Diameter	mm	Ø6.35
	Gas Pipe OD. Diameter	mm	Ø9.52
	Pipe connection method		Gas & Liquid pipe: flared joint
	Drainage Pipe Dimension		DN15
Fresh Air Hole Dimension(W*D/Diameter)		mm	-
Weight	Net Weight	kg	9.9
	Gross Weight	kg	12
Sound Power Level (SH/H/H-M/M/M-L/L/Q)		dB	48/47/46/45/44/43/42
Sound Pressure Level (SH/H/H-M/M/M-L/L/Q)		dB (A)	33/32/31/30/29/28/27
Dimension	Net Dimension (W*D*H)	mm	855*280*208
	Package Dimension (W*D*H)	mm	954*355*279
Controller	Standard	/	TCONTSM101DCT
		/	TCONTSM101AFK
		/	TCONTSM316AFK
		/	TCONTSM301AFK
	Optional	/	TCONTSMHQS01
		/	TCONTSMHRS01

Notes:

※1 Rated condition:
Indoor temperature(cooling): 27°C DB/19°C WB, Outdoor temperature(cooling): 35°CDB/24°CWB.
Indoor temperature(heating): 20°C DB/15°C WB, Outdoor temperature(heating): 7°CDB/6°CWB.
The data is measured with 5m equivalent pipe and 0m height difference.
※2 Applying "Power off PMV control" function : 2 coresx1.5mm2 shielded line.No-applying "Power off PMV control" function: ≥2 coresx0.75mm2 shielded line.

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