



SUBMITTAL DATA

TVR Smart – Hi Wall

19.1kBtu/h – 220-240V/1Ph/50-60Hz DC Motor

Model: 4TVW0018RF000AA

TRANE
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Job Name: _____

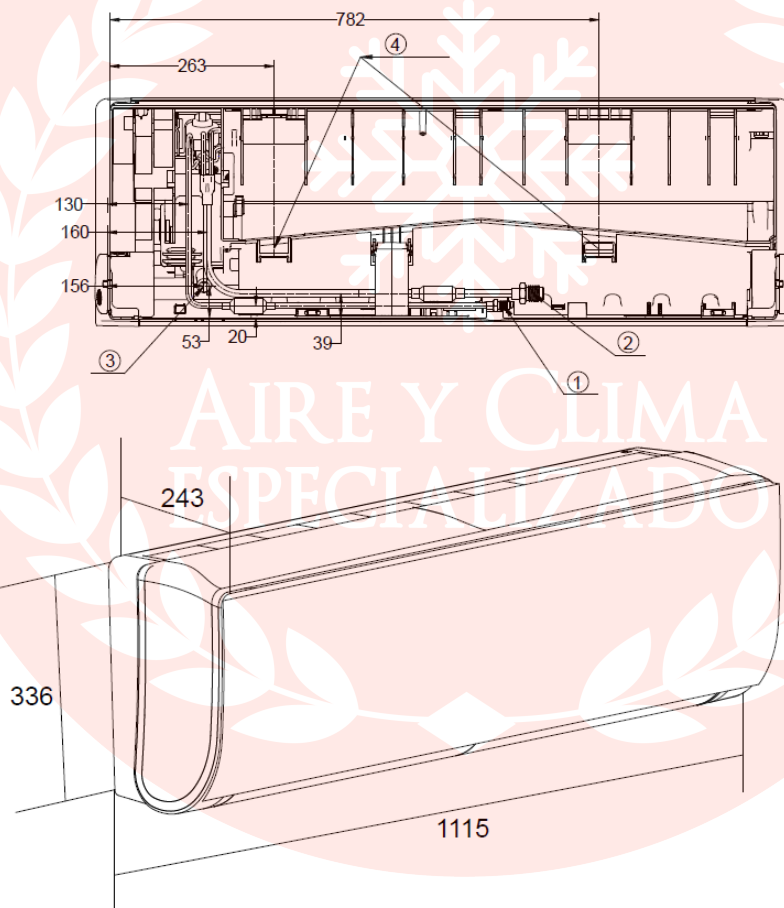
Date: _____

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



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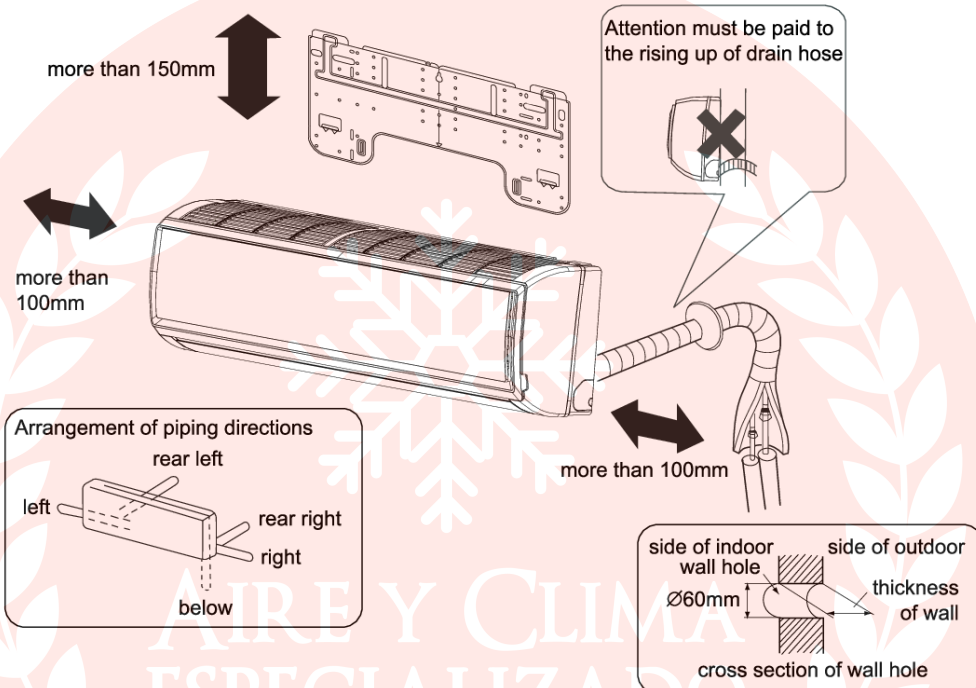
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- Installation Space Requirements





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• Specifications

Model			4TVW0018RF000AA
Rated Cooling※1	Capacity	kBtu/h	19.1
	Capacity	kW	5.6
	Power Input	kW	0.044
	Current	A	0.34
Rated Heating※1	Capacity	kBtu/h	21.5
	Capacity	kW	6.3
	Power Input	kW	0.044
	Current	A	0.34
Power	Power Supply	Ph/V/Hz	1/220~240/50/60
	Power Cable	mm ²	3*2.5
	Communication Cable ※2	mm ²	≥2*0.75
	Minimum Circuit Amps(MCA)	A	0.38
	Maximum Fuse Amps(MFA)	A	16
Fan Motor	Brand	-	WOLONG / BROAD-OCEAN
	Model	-	WZD-40D / ZWK465A00411
	Type	-	DC
	Power Input	W	52
	Power Output	W	40
	Full Load Amps(FLA)	A	0.31
	Quantity	-	1
	Insulation Class	-	E
	IP Class	-	IP40
	Capacitor	μF	-
Fan	Fan Speed (SH/H/H-M/M-M-L/L/Q)	rpm	1200/1000/965/930/890/850/600
	Type	-	Cross flow fan
	Fan OD. Diameter	mm	Ø107.9
Airflow Rate (SH/H/H-M/M-M-L/L/Q)	Number of Fans	-	1
		m ³ /h	1010/800/785/770/845/730/580
Heat Exchanger		CFM	594/471/462/453/438/429/341
	Number of Rows	-	High Wall
	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	-	5
Casing	Color	-	Snow white
	Material	-	ABS



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Model		4TVW0018RF000AA	
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	Ø12.7
	Pipe connection method	Gas & Liquid pipe: flared joint	
	Drainage Pipe Dimension	DN15	
Fresh Air Hole Dimension(W*D/Diameter)		mm	-
Weight	Net Weight	kg	15.8
	Gross Weight	kg	18.9
Sound Power Level (SH/H/H-M/MM-L/L/Q)		dB	56/54/53/51/50/49/57
Sound Pressure Level (SH/H/H-M/MM-L/L/Q)		dB (A)	41/39/38/36/35/34/32
Dimension	Net Dimension (W*D*H)	mm	1115*336*243
	Package Dimension (W*D*H)	mm	1206*418*342
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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