

SAMSUNG

TDMPlus Wind-Free Deluxe



NEW!

- Easy Filter Plus
- Wind-Free Design
- Optional Wi-Fi Kit control through Samsung SmartThings



Type			Wall-mounted	Wall-mounted	Wall-mounted	Wall-mounted	Wall-mounted
Model Name			AE022TNXDEH/EU	AE028TNXDEH/EU	AE036TNXDEH/EU	AE056TNXDEH/EU	AE071TNXDEH/EU
Power Supply		Φ, #, V, Hz	1 ,2 ,220-240 ,50	1 ,2 ,220-240 ,50	1 ,2 ,220-240 ,50	1 ,2 ,220-240 ,50	1 ,2 ,220-240 ,50
Capacity	Cooling	kW	2.20	2.80	3.60	5.60	6.80
	Heating	kW	2.50	3.20	4.00	6.30	7.00
Power Input (Nominal)	Cooling	W	24,0	30,0	37,0	52,0	60,0
	Heating	W	24,0	30,0	37,0	52,0	60,0
Current Input (Nominal)	Cooling	A	0,16	0,20	0,25	0,35	0,40
	Heating	A	0,16	0,20	0,25	0,35	0,40
Fan	Type	-	Cross flow Fan	Cross flow Fan	Cross flow Fan	Cross flow Fan	Cross flow Fan
	Quantity	EA	1	1	1	1	1
	Air Flow Rate H/M/L	m³/min	5.7/5.0/4.5	8.5/7.7/6.9	10.3/9.1/8.3	15.7/13.8/12.0	16.8/15.0/13.2
Fan motor		l/s	95.0/83.3/75.0	141.7/128.3/115.0	171.7/151.7/138.3	261.7/230.0/200.0	280.0/250.0/220.0
	Type	-	BLDC	BLDC	BLDC	BLDC	BLDC
Piping Connections	Liquid Pipe	Φ, mm(inch)	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	9.52 (3/8")
	Gas Pipe	Φ, mm(inch)	12.7 (1/2")	12.7 (1/2")	12.7 (1/2")	12.7 (1/2")	15.88 (5/8")
Wiring connections	For power supply below 20m(over 20m (min))		mm²	mm²	mm²	mm²	mm²
	Communication (min)		0,75	0,75	0,75	0,75	0,75
Refrigerant	Type	-	R410A (Fluorinated greenhouse gas, GWP=2,088)				
	Control Method	-	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED	EEV NOT INCLUDED
Sound	Sound Pressure H/M/L/WF	dB(A)	34/32/30/27	34/33/32/26	40/36/34/26	40/37/34/29	43/40/37/29
	Sound Power	dB(A)	51	52	56	58	62
Dimensions	Net Weight	kg	8,50	9,00	9,00	11,50	11,50
	Net Dimensions (WxHxD)	mm	820 x 299 x 215	820 x 299 x 215	820 x 299 x 215	1,055 x 299 x 215	1,055 x 299 x 215
Air Flow	Wind-Free™ Cooling		•	•	•	•	•
	Air Direction Control (Up/Down)		Auto	Auto	Auto	Auto	Auto
	Air Direction Control (Left/Right)		Auto	Auto	Auto	Auto	Auto
Air Purification	Auto Fan speed		•	•	•	•	•
	Tri-Care Filter						
	Easy Filter Plus		•	•	•	•	•
	Auto Clean (Self Cleaning)		•	•	•	•	•
Operating Mode	2 Step Cooling		•	•	•	•	•
	AI Auto Comfort with Wi-Fi & MDS (direct/indirect)						
	AI Auto Comfort with Wi-Fi						
	Auto Mode (without Wi-Fi)						
	Fast Cool		•	•	•	•	•
	Good Sleep		•	•	•	•	•
	Eco		•	•	•	•	•
	Dehumidification		•	•	•	•	•
	Fan		•	•	•	•	•
Other Functions	Quiet		•	•	•	•	•
	Samsung SmartThings		•	•	•	•	•
	MDS (Motion Detect Sensor)						
	Indoor Temp. Display		•	•	•	•	•
	Display On/Off 88 Display		•	•	•	•	•
	Beep On/Off		•	•	•	•	•
	Auto Changeover		•	•	•	•	•
	Auto Restart		•	•	•	•	•

Capacities are based on (Equivalent refrigerant piping 7.5m, Level differences 0m)

Cooling : Indoor temperature 27°C DB, 19°C WB / Outdoor temperature 35°C DB, 24°C WB

Heating : Indoor temperature 20°C DB, 15°C WB / Outdoor temperature 7°C DB, 6°C WB

Controls					Accessories				
Touch Controller MWR-SH11N	Wired remote Controller MWR-WE13N	Touch Controller MCM-A300N	DMS2.5 MIM-D01AN	Wi-Fi Kit MIM-H04EN	1 Room EEV Kit MEV-E**SA	2/3 Room EEV Kit MXD-E**K***A	Communication PBA MIM-A00N	Y-joint MXI-YA1509M	External Thermostat MWR-TA