



Fresh air Processor

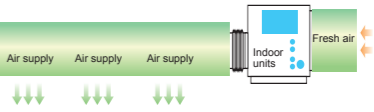


Optional			
Wireless	Wired	Wired	Centralized

● Accessories

Plenum box	Air filter	EXV	Drain pump	AC motor	DC Motor
/	Standard	Standard (External)	/	Standard	/

● 300Pa high static pressure, suitable for large space



● Flexible air outlet



● Automatic fresh air introduction, improve room air quality

IDU UNITS

Model			TMDF 175A-022	TMDF 210A-020	TMDF 250A-015	TMDF 250A-020	TMDF 250A-030	TMDF 300A-020	TMDF 400A-020	TMDF 400A-030	TMDF 500A-0200	TMDF 500A-030	TMDF 600A-020	TMDF 600A-030
Capacity	Cooling	kW	25.0	28.0	28.0	28.0	28.0	28.0	45.0	45.0	56.0	56.0	56.0	56.0
	Heating	kW	14.0	17.4	17.4	17.4	17.4	17.4	28.0	28.0	35.0	35.0	35.0	35.0
Power supply		V/Ph/Hz	220V/1Ph/50Hz	220V/1Ph/50Hz	380V/3N/50Hz	380V/3N/50Hz	380V/3N/50Hz	380V/3N/50Hz	380V/3N/50Hz	380V/3N/50Hz	380V/3N/50Hz	380V/3N/50Hz	380V/3N/50Hz	380V/3N/50Hz
Power input		W	630	700	480	560	790	750	880	1290	1000	1400	1350	1700
Air flow volume		m³/h	1750	2100	2500	2500	2500	3000	4000	4000	5000	5000	6000	6000
ESP		Pa	220	200	150	200	300	200	200	300	200	300	200	300
Sound pressure level		dB(A)	49	49	52	55	58	56	59	62	62	65	62	65
Fan	Type	—	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal
Fan motor	Power input	W	630	700	480	560	790	750	880	1290	1000	1400	1350	1700
	Insulation class	—	B	B	B	B	B	B	B	B	B	B	B	B
Connecting pipe	Liquid pipe	mm	φ12.70	φ12.70	φ12.70	φ12.70	φ12.70	φ12.70	φ12.70	φ12.70	φ15.88	φ15.88	φ15.88	φ15.88
	Gas pipe	mm	φ22.23	φ22.23	φ22.23	φ22.23	φ22.23	φ22.23	φ28.58	φ28.58	φ28.58	φ28.58	φ28.58	φ28.58
	Connection method	—	Welding	Welding	Welding	Welding	Welding	Welding	Welding	Welding	Welding	Welding	Welding	Welding
Drain pipe	External diameter	mm	DN25	DN25	DN25	DN25	DN25	DN25	DN25	DN25	DN25	DN25	DN25	DN25
Outline dimension		mm	1300*820*500	1300*820*500	1300*820*500	1300*820*500	1300*820*500	1300*820*500	1650*850*665	1650*850*665	2000*850*665	2000*850*665	2000*850*665	2000*850*665
Package dimension		mm	1360*830*510	1360*830*510	1360*830*510	1360*830*510	1360*830*510	1360*830*510	1767.5*946*848	1767.5*946*848	2117.5*946*848	2117.5*946*848	2117.5*946*848	2117.5*946*848
Net weight		kg	75	75	75	75	75	75	140	140	165	165	165	165
Gross weight		kg	80	80	80	80	80	80	160	160	185	185	185	185

Notes:
 1. Power supply: 220V/1PH for 50Hz
 2. The cooling condition: indoor side 27°C (80.6°F) DB, 19°C (60°F) WB outdoor side 35°C (95°F) DB
 3. The heating condition: indoor side 20°C (68°F) DB, 15°C (44.6°F) WB outdoor side 7°C (42.8°F) DB
 4. Sound level: measured at point 1m in front of the unit at a height of 1.3m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
 5. The above data may be changed without notice for future improvement on quality and performance.