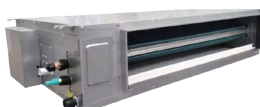


Medium static pressure duct

Application scenario: supermarket, shop, office building, and other large spaces

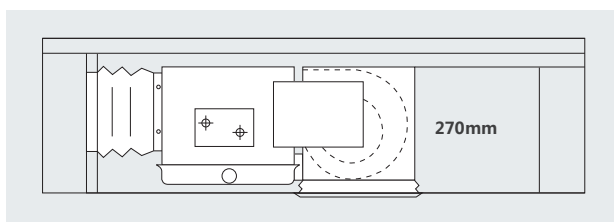
Model

80 90 100 112 125 140 160



Ultra-thin design for less footprint

Ultra-thin body with the thickness of only 270mm installed in a concealed way to lift the height of the suspended ceiling, especially suitable for ceilings with narrow height of suspended ceilings.



Condensate water lift pump

The automatic condensate water lift pump is adopted for smoother drainage, with the drainage height highest to 1200 mm.



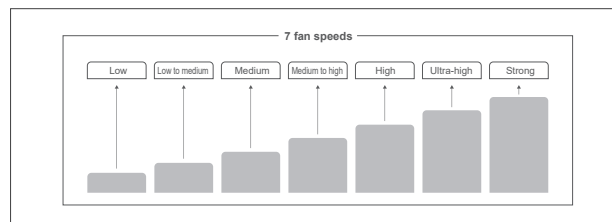
Brushless DC motor for comfort and efficiency

Acclaimed brushless DC motor free of excitation loss and carbon brush loss, with the energy efficiency 30% higher than AC motor.



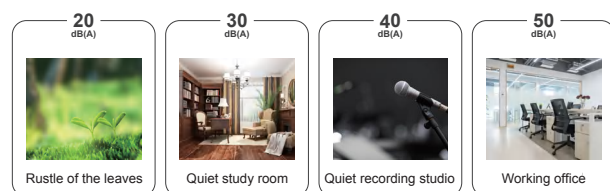
Seven fan speeds, up to 100Pa static pressure

Multiple noise reduction measures and seven fan speeds can achieve low-noise operation for a quieter environment (as low as 33dB(A)).



Ultra-quiet operation

The fan motor of delicate and compact design equipped with brand-new propeller housing with vibration absorption function delivering operating noise as low as 33dB(A) to satisfy rigorous noise requirements at different sites.



Unique PM2.5 and formaldehyde purification and antibacterial solutions

PM2.5, formaldehyde and antibacterial filters are to provide super-clean indoor environment.



Specifications

Medium static pressure duct

Model (TMDN-XX-AEB)		022	025	028	032	036	040	045	050	056	063
Nominal cooling capacity	kW	2.2	2.5	2.8	3.2	3.6	4.0	4.5	5.0	5.6	6.3
Nominal heating capacity	kW	2.5	2.8	3.2	3.6	4.0	4.5	5.0	5.6	6.3	7.1
Power supply	V/N/Hz	220/1/50									
Motor type	-	DC motor									
Nominal input power	W	35	35	35	40	40	40	45	45	45	60
Dimensions (WxDxH)	mm	920×450×200						1140×450×200			
Air flow	High	m ³ /h	450	450	450	500	500	500	650	650	920
ESP (adjustable)	Pa	30 (0/10/30/50)									
Sound pressure level (H/M/L)	dB(A)	33/31/26	33/31/26	33/31/26	33/31/26	33/31/26	33/31/26	35/33/27	35/33/27	35/33/27	37/34/27
Weight	kg	21.5	21.5	21.5	21.5	21.5	21.5	26.5	26.5	26.5	28
Connecting pipe Dimensions	Liquid pipe	mm	φ6.35								
	Gas pipe	mm	φ12.70								
	Condensate drain pipe	mm	DN25								

Changeable ESP duct

Model (TMDN-XX-AE)		071	080	090	100	112	125	140	160
Nominal cooling capacity	kW	7.1	8.0	9.0	10.0	11.2	12.5	14.0	16.0
Nominal heating capacity	kW	8	9.0	10.0	11.2	12.5	14.0	16.0	18.0
Power supply	V/N/Hz	220/1/50							
Motor type	-	DC motor							
Nominal input power	W	110	130	130	160	160	160	200	200
Dimensions (WxDxH)	mm	1200×680×270							
Air flow	High	m ³ /h	1000	1300	1300	1600	1600	1600	2000
ESP (adjustable)	Pa	50(30~100)	50(30~100)	50(30~100)	50(30~100)	50(30~100)	50(30~100)	50(30~100)	50(30~100)
Sound pressure level (H/M/L)	dB(A)	37/35/33	40/36/33	40/36/33	43/37/33	43/37/33	43/37/33	43/35/27	43/35/27
Weight	kg	34.5	34.5	34.5	37	37	37	38	38
Connecting pipe Dimensions	Liquid pipe	mm	φ9.52						
	Gas pipe	mm	φ15.88						
	Condensate drain pipe	mm	DN25						