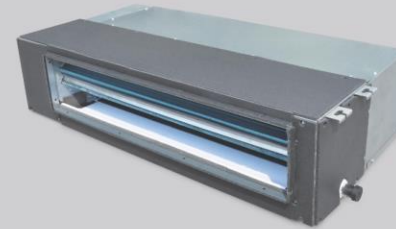


Slim Ceiling Concealed Ducted Unit



Controller			
Standard	Optional		
Wired	Wired	Wireless	Centralized
			

Features

• Accessories

Plenum box	Air filter	EXV	Drain pump	AC Motor	DC Motor
Standard	Optional	Standard (built-in)	Optional	Standard	Optional

• Short body, easy to install.

Has short body , minimum 700mm width , it is specially suitable for installation location in entrance ceiling of hotel room. Low noise and light Weight.

• Built in with drain pump

Pumping head is 750mm.

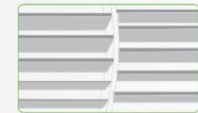
• DC fan motor is optional

• Big air flow low noise centrifugal fan wheel

Big air flow low noise centrifugal fan blade with special air tunnel system, and the unique shock absorption measures, making this series ducted units' running noise is as low as 24 dB(A), let users to enjoy the comfort, sleep without any disturbance.



• Special resin material fan wheel.



• All vanes are dislocation distribution to offset sound wave, so that the noise can be reduced.



Rustled leaves



Silent reading room



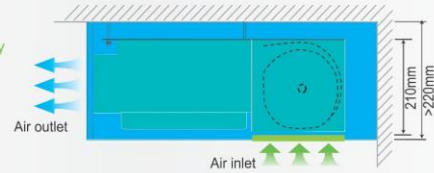
• High efficiency low noise motor, motor and support frame with rubber ring isolation, can absorb vibration and reduce noise.



• Air inlet of fan wheel casing is arch curved design; it can reduce air flow's disturbance, make it flow smoother to reduce noise.

- **Slim body, easy to install**

Has slim body with 210mm height, it is specially suitable for low suspended ceiling rooms.



- **The whole series units have same height and depth**

The whole series units have same height and depth, easy for design and installation, When more units are installed in the same room, they will meet the decoration perfectly.



Specification

Model name	Power type	Capacity		Motor Input	Air flow	Sound Level	ESP	Dimension (W×H×D)				Body Weight		Connecting pipe			Standard controller		
		Cooling	Heating					Packing	Body	Packing	Panel	Net	Gross	Gas	Liquid	Drain			
		kW	kBtu/h	kW	kBtu/h	kW	m³/h	CFM	dB(A)	Pa	mm	mm	mm	mm	kg	kg	mm	mm	mm
V22TAHR1-C	50Hz																		
V22TAHNR1-C	60Hz	2.2	7.5	2.5	8.5								16	19					
V28TAHR1-C	50Hz																		
V28TAHNR1-C	60Hz	2.8	9.5	3.2	10.9								16	19					
V36TAHR1-C	50Hz																		
V36TAHNR1-C	60Hz	3.6	12.2	4	13.6	0.07	550	324	25~32	30			16	19					
V45TAHR1-C	50Hz																		
V45TAHNR1-C	60Hz	4.5	15.3	5	17	0.08	620	360	32~37				16	19					
V56TAHR1-C	50Hz																		
V56TAHNR1-C	60Hz	5.6	19.1	6.3	21.4	0.09	800	520	28~38				20	23					
V71TAHR1-C	50Hz																		
V71TAHNR1-C	60Hz	7.1	24.2	8	27.2	0.11	1000	640	30~39				22.5	25.5					

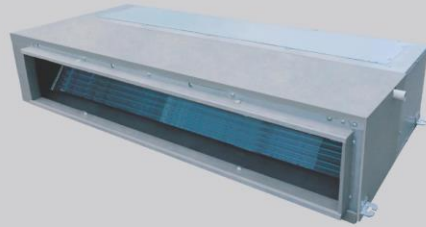
Notes:1. Power supply: 220~240V/1PH for 50Hz; 208~230V/1PH for 60Hz.

2. Cooling test condition: indoor side 27°C DB, 19°C WB outdoor side 35°C DB. Heating test condition: indoor side 20°C DB, 15°C WB outdoor side 7°C DB.

3. Sound level: measured at a point 1 m in front of the unit at a height of 1.5 m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.

4. The above data may be changed without notice for future improvement on quality and performance.

Medium Static Pressure Ducted Unit



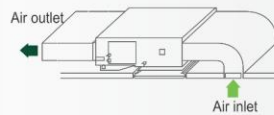
Controller			
Standard	Optional		
Wired	Wired	Wireless	Centralized

Features

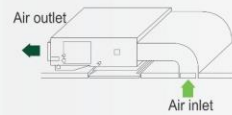
Accessories

Plenum box	Air filter	EXV	Drain pump	AC Motor	DC Motor
Standard	Standard	Standard (built-in)	Optional	Standard	Optional

Standard ESP is 70Pa, 30Pa can be customized.



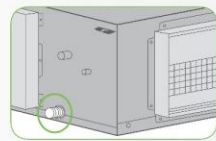
70Pa ESP, suitable for long distance air supply



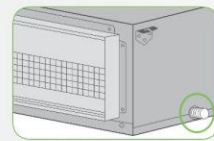
30Pa (can be set on site), suitable for low noise requirement rooms

Convenient in drainage pipe installation

Reserved drainage pipe outlet holes on left side and right side, installer can choose the outlet holes on site as per actual conditions, flexible for drainage pipe installation.



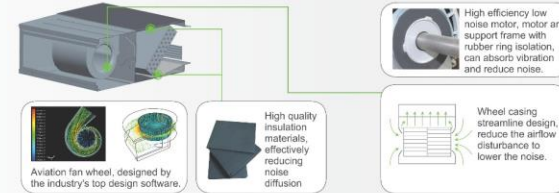
Left drainage hole



Right drainage hole

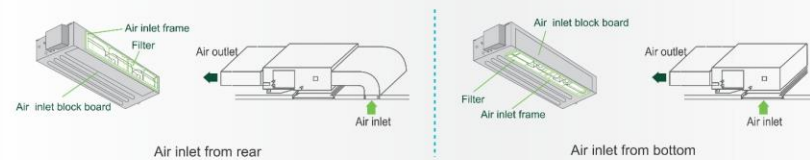
Whole unit low noise design, silent operation

Using multiple noise reduction technology, including the design of high efficiency low noise motor, aviation fan wheel, low vibration wheel casing, unique design, the inner wall configuration with high quality insulation materials, and so on, to make the units running in a low noise condition.



Two air return installation methods

Air return from rear or bottom is easy to change on site, convenient for installation.



DC fan motor is optional

Specification

Model name	Power type	Capacity				Motor input	Air flow		Sound Level	ESP	Dimension (W*H*D)				Body Weight			Connecting pipe			Standard controller	
		Cooling		Heating			m ³ /h	CFM			dB(A)	Pa	Packing	Body	packing	Panel	Net	Gross	Gas	Liquid		Drain
		kW	kBtu/h	kW	kBtu/h																	
V71TBH-R1-B	50Hz	7.1	24.2	8.0	27.2	0.30	1220	710	36-41	70	1255x325x720	1209x260x680			33	37						
V71TBH-NR1-B	60Hz	8.0	27.2	9.0	30.7										33	37						
V80TBH-R1-B	50Hz	8.0	27.2	9.0	30.7	1850	1080	38-43	70	1490x325x720	1445x260x680			46	50	Φ15.9	Φ0.53	OD Φ25	Wired controller			
V80TBH-NR1-B	60Hz	9.0	30.7	10.0	34.1									46	50							
V90TBH-R1-B	50Hz	10.0	34.1	11.0	37.5	0.34								46	50							
V90TBH-NR1-B	60Hz	12.0	40.9	13.0	44.3									46	50							
V100TBH-R1-B	50Hz	12.0	40.9	13.0	44.3	2000	1170	40-44						46	50							
V100TBH-NR1-B	60Hz	15.0	51.1	17.0	58									46	50							
V120TBH-R1-B	50Hz	15.0	51.1	17.0	58									46	50							
V150TBH-R1-B	50Hz													46	50							
V150TBH-NR1-B	60Hz													46	50							

Notes: 1. Power supply: 220-240V/1PH for 50Hz; 208-230V/1PH for 60Hz
 2. Cooling test condition: indoor side 27°C DB, 19°C WB outdoor side 35°C DB. Heating test condition: indoor side 20°C DB, 15°C WB outdoor side 7°C DB
 3. Sound level: measured at a point 1 m in front of the unit at a height of 1.5 m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
 4. The above data may be changed without notice for future improvement on quality and performance.

High Static Pressure Ducted Unit



Controller			
Standard	Optional		
Wired	Wired	Wireless	Centralized

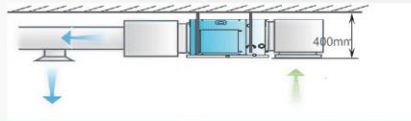
Features

Accessories

Plenum box	Air filter	EXV	Drain pump	AC Motor	DC Motor
Standard	Standard	Standard (built-in)	Optional	Standard	/

Slim body, saving suspended ceiling spaces

Slim body, saving suspended ceiling spaces.



Can be used with various diffusers

Used with various diffusers, meet for different kinds of decoration.

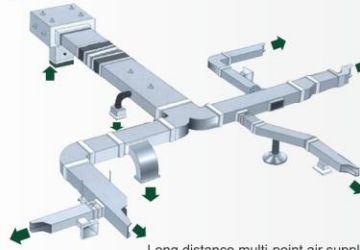


Round diffuser Spiral diffuser Square diffuser Linear diffuser Rectangular diffuser

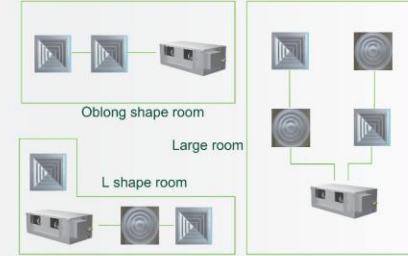
High static pressure

Big air flow with high static pressure, easy for large rooms duct design. Suitable for different shape of rooms.

High static pressure ducted unit



Long distance multi-point air supply



Specification

Model name	Power type	Capacity				Motor speed	Air flow		Sound Level	ESP	Dimension (W×H×D)				Body Weight		Connecting pipe				Standard controller			
		Cooling		Heating			m³/h	CFM			Packing	Body	Packing	Panel	Net	Gross	Gas	Liquid	Drain					
		kW	kBtu/h	kW	kBtu/h															mm		mm	mm	mm
V71TH-HR1-B	50Hz																							
V71TH-HNR1-B	60Hz	7.1	24.2	7.8	26.6																			
V80TH-HR1-B	50Hz	8.0	27.2	8.8	30	0.34	1500	880	40-42			1490×325×720	1445×280×680											
V80TH-HNR1-B	60Hz																							
V80TH-HR1-B	50Hz	9.0	30.7	10.0	34.1																			
V80TH-HNR1-B	60Hz																							
V100TH-HR1-B	50Hz	10.0	34.1	11.0	37.5																			
V100TH-HNR1-B	60Hz																							
V120TH-HR1-B	50Hz	12.0	40.9	13.0	44.3	0.45	2300	1350	44-52	150		1245×445×655	1190×370×620	/	/									
V120TH-HNR1-B	60Hz																							
V150TH-HR1-B	50Hz	15.0	51.1	17.0	58.0																			
V150TH-HNR1-B	60Hz																							
V200TH-HR1-B	50Hz	20.0	68.2	22.0	75.0	1.2	4000	2350	45-53															
V200TH-HNR1-B	60Hz																							
V250TH-HR1-B	50Hz	25.0	85.3	27.5	89.8	1.2	4200	2470	45-54			1510×580×670	1485×448×611											
V250TH-HNR1-B	60Hz																							
V280TH-HR1-B	50Hz	28.0	96.5	30.8	105.0	1.2	4400	2580	45-55															
V280TH-HNR1-B	60Hz																							
V450TH-HZR1-B	50Hz	45.0	153.5	60.0	170.6	1.6	6000	3520	60			2267×840×1050	2165×676×916											
V450TH-HWR1-B	60Hz									200														
V550TH-HZR1-B	50Hz	56.0	191.0	63.0	214.9	2.5	8000	4700	64															
V550TH-HWR1-B	60Hz																							

Notes: 1. 45kW & 56kW units' power supply are 380-415V/3PH for 50Hz and 208-230V/3PH for 60Hz, the others' power supply is 220-240V/1PH for 50Hz and 208-230V/1PH for 60Hz.
 2. Cooling test condition: indoor side 27°C DB, 19°C WB outdoor side 35°C DB. Heating test condition: indoor side 20°C DB, 15°C WB outdoor side 7°C DB.
 3. Sound level: measured at a point 1 m in front of the unit at a height of 1.5 m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
 4. The above data may be changed without notice for future improvement on quality and performance.