



360° Air outlet cassette



Recommended places

Office, restaurant, supermarket, shopping mall, lobby, etc

Technical characteristics



New panel design

Adopt the new design of "porcelain white" color, beautiful and generous, so that the indoor machine panel and the ceiling color more easily integrated, more noble, surround type air supply panel, air supply more comfortable.



2100m³/h

Large Air Outlet Volume

Through the new DC inverter fan motor, achieve 2100m³/h air outlet volume, and improve the air Exchange efficiency by 30%

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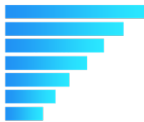
50Pa Static Pressure Adjustment

Build-in 4 gear static pressure, 0-50Pa can be adjusted,to achieve the 4m long air outlet distance



7-level Fan Speed Volume

Thin fuselage, the installation space required is small, the unit can be easily installed in a fairly narrow ceiling.



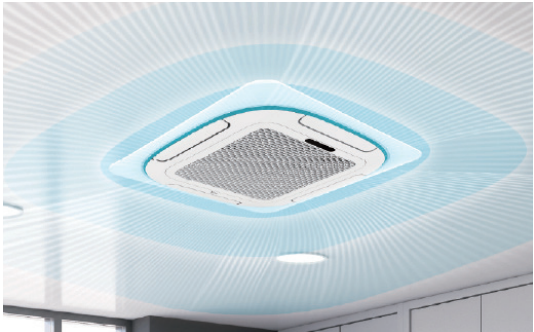
Standard condensate pump, easy to install

Equipped with advanced high-lift condensate drainage pump, the maximum head up to 1200mm, easy to install drainpipes.



360° wide-angle air supply

Comfortable air supply does not leave dead corner, every corner can enjoy cool; Uniform air supply, reduce the temperature difference, keep the indoor temperature comfortable; Air supply is no longer directed single, keep air circulation, air more fresh and healthy.



Clean sterilization, healthy life

Standard health filter screen, effectively remove large particles in the air, optional silver ion purification module, adsorption of formaldehyde and odor, eliminate germs.



DC inverter fan motor technology

Adoption DC inverter motor technology, to improve the running efficiency by 15% and reduce the operation noise (min 31dB)



Ultra low noise

Using the advanced technology of three-dimensional spiral blade design, can reduce the air resistance, realize the machine low noise operation, "quiet" enjoy a comfortable life.



Standard float switch, timely warning

Standard float switch, when the condensate pump is faulty or the drainpipe is blocked, timely warning, prevent the water tray inside the machine overflow.

360° Air outlet cassette

Specification

Model			TMV-V28Q8/ N1DY(E)	TMV-V36Q8/ N1DY(E)	TMV-V45Q8/ N1DY(E)	TMV-V50Q8/ N1DY(E)	TMV-V56Q8/ N1DY(E)	TMV-V63Q8/ N1DY(E)	TMV-V71Q8/ N1DY(E)
Capacity	Cooling capacity	kW	2.8	3.6	4.5	5.0	5.6	6.3	7.1
	Heating capacity	kW	3.2	4.0	5.0	5.6	6.3	7.1	8.0
Power	Cooling power	kW	0.020	0.020	0.025	0.025	0.025	0.035	0.035
	Heating power	kW	0.020	0.020	0.025	0.025	0.025	0.035	0.035
Power supply			220V ~ 1N 50Hz						
Current	Cooling current	A	0.09	0.09	0.11	0.11	0.11	0.16	0.16
	Heating current	A	0.09	0.09	0.11	0.11	0.11	0.16	0.16
Fan	air volume	m³/h	800	800	900	900	900	1100	1100
External static pressure		Pa	0	0	0	0	0	0	0
Noise		dB(A)	31	31	33	33	33	35	37
Connecting pipe diameter	gas pipe	mm	12.7						15.88
	liquid tube	mm	6.35						9.52
	Connection mode	/	Threaded connection						
Net dimension(L×W×H)		mm	840×840×245						
Weight	Net weight	kg	21.5	21.5	21.5	21.5	21.5	22.0	22.0
	Panel size	mm	950×950×50						
Panel	Net weight	kg	6						
	Unit (W×H×D)	mm	950×45×950						
Panel	Packing (W×H×D)	mm	1035×90×1035						
	Net/Gross	kg	6/9						
Drainage pipe diameter			DN32						
Electric control mode			Remote Controller & Wired controller						

Model			TMV-V80Q8/ N1DY(E)	TMV-V90Q8/ N1DY(E)	TMV-V100Q8/ N1DY(E)	TMV-V112Q8/ N1DY(E)	TMV-V125Q8/ N1DY(E)	TMV-V140Q8/ N1DY(E)	TMV-V160Q8/ N1DY(E)
Capacity	Cooling capacity	kW	8.0	9.0	10.0	11.2	12.5	14.0	16.0
	Heating capacity	kW	9.0	10.0	11.2	12.5	14.0	16.0	18.0
Power	Cooling power	kW	0.040	0.060	0.060	0.060	0.070	0.085	0.132
	Heating power	kW	0.040	0.060	0.060	0.060	0.070	0.085	0.132
Power supply									
Current	Cooling current	A	0.18	0.27	0.27	0.27	0.32	0.39	0.60
	Heating current	A	0.18	0.27	0.27	0.27	0.32	0.39	0.60
Fan	air volume	m³/h	1300	1500	1600	1600	1800	1800	2100
External static pressure		Pa	0	0	0	0	0	0	0
Noise		dB(A)	38	39	40	41	43	43	47
Connecting pipe diameter	gas pipe	mm	15.88						
	liquid tube	mm	9.52						
	Connection mode	/	Threaded connection						
Net dimension(L×W×H)		mm	840×840×245			840×840×290			
Weight	Net weight	kg	22	22.5	25	25	25	27.5	27.5
	Panel size	mm	950×950×50						
Panel	Net weight	kg	6						
	Unit (W×H×D)	mm	950×45×950						
Panel	Packing (W×H×D)	mm	1035×90×1035						
	Net/Gross	kg	6/9						
Drainage pipe diameter			DN32						
Electric control mode			Remote Controller & Wired controller						

Notes:

1. Specifications are based on the following conditions:
2. Cooling: Indoor temperature 27°C DB/19°C WB, and outdoor temperature 35°C DB/24°C WB.
3. Heating: Indoor temperature 20°C DB/15°C WB, and outdoor temperature 7°C DB/6°C WB.
4. Equivalent piping length: 5m; Level difference: 0m; Voltage: 230V.
5. Sound Level: Indoor unit sound pressure level, measured at a point 1.5m downward from the unit center.
6. Outdoor unit sound pressure level, measured at a point 1.0m in front of the unit.
7. Optional simple wired controller; Universal remote controller; auto-restart(optional); Timer: only one circle.
8. Due to ongoing product development, specifications are subject to change without notice.



High static pressure Duct



Recommended places

Workshop, hotel, restaurant, shopping mall, ballroom, bar and other large space places

Technical characteristics



Healthy new wind, forest breathing

Easy introduction of outdoor fresh air heating refrigeration and indoor air exchange, keep indoor air fresh, bring you comfortable fresh air.



Ultra-thin body design, fashion and beautiful

The minimum thickness of the fuselage is only 380mm, which does not occupy indoor space.



Ultra-high static pressure design to meet various space requirements

Maximum static pressure 300Pa, can be long distance multi-point air supply, fully meet the air conditioning needs of different Spaces.



Clean sterilization, healthy life

Built-in coarse filter, PP filter screen, optional silver ion purification module, effectively remove large particles in the air, absorb formaldehyde and odor, eliminate germs.



Various forms of air outlets,matching with decoration

The indoor unit adopts a hidden installation mode, which can be equipped with appropriate air outlets to perfectly combine the air conditioning.



Specification

Model			TMV-V71F1/ NIY(E)	TMV-V112F1/ NIY(E)	TMV-V140F1/ NIY(E)	TMV-V220F1/ NIY(E)	TMV-V280F1/ NIY(E)	TMV-V450F1/ NIY(E)	TMV-V560F1/ NIY(E)
Static pressure	Standard Range	Pa	100	100	130	200	200	200	200
			50 ~ 130	50 ~ 130	50 ~ 130	100-300	100-300	100-300	100-300
Cooling capacity	Capacity	W	7100	11200	14000	22000	28000	45000	56000
	Input	W	280	420	420	1750	1750	2250	2250
	Current	A	1.4	2	2	8.85	8.85	11.36	11.36
Heating capacity	Capacity	W	8000	12500	16000	25000	31000	50000	61000
	Input	W	280	420	420	1750	1750	2250	2250
	Current	A	1.4	2	2	8.85	8.85	11.36	11.36
Indoor noise level at cooling (sound pressure level)	High	dB(A)	50	53	53	55	55	61	61
	Med.	dB(A)	48	51	51	53	53	58	58
	Low	dB(A)	46	49	49	51	51	56	56
Refrigerant type/Quantity		Type	R410A						
Design pressure		MPa	4.5						
Power supply			220-240V-/50Hz/						
Outlet size of indoor airflow		mm	430×220	850×220	850×220	1025×300		1470×330	
Returning vent size of indoor airflow		mm	710×310	1100×310	1100×310	1240×460		1645×638	
Indoor air circulation(Cooling/ Heating)		L/S	350	561	639	1250	1250	2083	2083
		m³/h	1260	2020	2300	4500	4500	7500	7500
Connecting Pipe	Liquid	Inches	3/8"			12.7mm			
	Gas	Inches	5/8"			22.2mm		28.6mm	
Drainage Pipe		mm	25(ID20,OD25)			DN25			
Net dimensions (W x H x D)		Indoor	mm	850×380×590	1200×380×590		1366×758×470		1770×758×650
Net weight		Indoor	kg	49	58	58	120	220	
Gross weight		Indoor	kg	55	64	64	145	245	

Notes: 1. Specifications are based on the following conditions:

2. Cooling: Indoor temperature 27°C DB/19°C WB, and outdoor temperature 35°C DB/24°C WB.

3. Heating: Indoor temperature 20°C DB/15°C WB, and outdoor temperature 7°C DB/6°C WB.

4. Equivalent piping lenTMV6+h:5m; Level difference:0m; Voltage:230V.

5. Sound Level: Indoor unit sound pressure level,measured at a point 1.5m downward from the unit center.

6. Outdoor unit sound pressure level,measured at a point 1.0m in front of the unit.

7. Optional simple wired controller; Universal remote controller; auto-restart(optional); Timer:only one circle.

8. Due to ongoing product development, specifications are subject to change without notice.

360° compact cassette



Recommended places

Office, restaurant, supermarket, shopping mall, lobby, etc

Technical characteristics



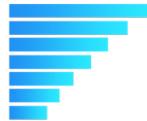
Ultra low noise

Using the advanced technology of three-dimensional spiral blade design, can reduce the air resistance, realize the machine low noise operation, "quiet" enjoy a comfortable life.



7-level Fan Speed Volume

Thin fuselage, the installation space required is small, the unit can be easily installed in a fairly narrow ceiling.



Clean sterilization, healthy life

Standard health filter screen, effectively remove large particles in the air, optional silver ion purification module, adsorption of formaldehyde and odor, eliminate germs.



DC inverter fan motor technology

Adoption DC inverter motor technology, to improve the running efficiency by 15% and reduce the operation noise (min 25dB)



Specification

Model			TMV-V18Q4R/ NID1Y(E)	TMV-V22Q4R/ NID1Y(E)	TMV-V25Q4R/ NID1Y(E)	TMV-V28Q4R/ NID1Y(E)	TMV-V32Q4R/ NID1Y(E)	TMV-V36Q4R/ NID1Y(E)	TMV-V40Q4R/ NID1Y(E)	TMV-V45Q4R/ NID1Y(E)	TMV-V50Q4R/ NID1Y(E)	TMV-V56Q4R/ NID1Y(E)	TMV-V63Q4R/ NID1Y(E)	
Control type			remote control & wired control											
cooling capacity	Capacity	W	1800	2200	2500	2800	3600	3600	4000	4500	5000	5600	6300	
heating capacity	Capacity	W	2200	2500	2800	3200	4000	4000	4500	5000	5600	6300	7100	
Refrigerant type			R410A											
Power supply			220-240V 50Hz											
Airflow	hi/med/lo	m³/h	520/410/260					560/440/280		620/490/300		700/540/340		780/600/400
Pipe	Gas side	Inches	1/2"								5/8"			
	Liquid side	Inches	1/4"								3/8"			
Dimension	Net	mm	570*570*245											
	Packing	mm	718*657*301											
Panel	Model		MBQRm-FA											
	Net	mm	650×650×57											
	Packing	mm	734×734×95											
	Net	kg	2.7											
	Gross	kg	4											
Drainage pipe(mm)			25(ID21,OD25)											

Notes:

1. Specifications are based on the following conditions:

2. Cooling: Indoor temperature 27°C DB/19°C WB, and outdoor temperature 35°C DB/24°C WB.

3. Heating: Indoor temperature 20°C DB/15°C WB, and outdoor temperature 7°C DB/6°C WB.

4. Equivalent piping length:5m; Level difference:0m; Voltage:230V.

5. Sound Level: Indoor unit sound pressure level,measured at a point 1.5m downward from the unit center.

6. Outdoor unit sound pressure level,measured at a point 1.0m in front of the unit.

7. Optional simple wired controller; Universal remote controller; auto-restart(optional); Timer:only one circle.

8. Due to ongoing product development, specifications are subject to change without notice.



DC Series Slim Duct



Recommended places

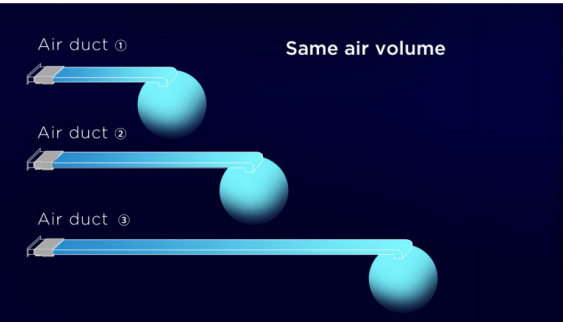
Office, conference room, hotel room, restaurant, living room, etc

Technical characteristics



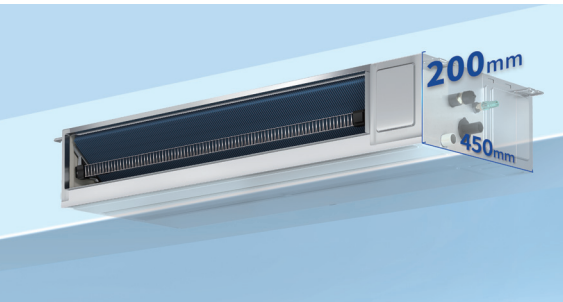
Constant air volume

Fan motor automatically adjusts speed according to real-time wind resistance. To provide stable air volume to rooms.



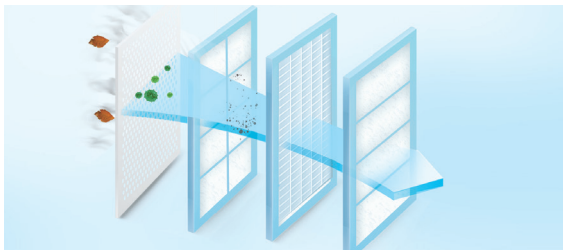
Ultra-thin body design, fashion and beautiful

The minimum height of the body is only 200mm, saving space. The drain pump can lift the condensing water up to 1200mm.



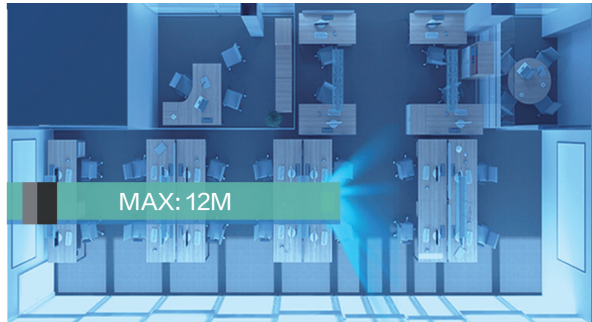
Health filter (optional)

The duct can be equipped with silver ion and activated carbon health filter.



High ESP

ESP up to 80Pa supports longer air duct and fits with more installation scenario.



Dc seven speed wind speed Energy-saving silent operation

DC motor, 7-speed air volume, energy-saving and silent operation. The lowest noise is 20 d B(A).



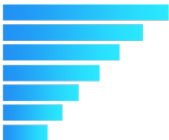
Standard float switch, timely warning

Standard float switch, when the condensate pump is faulty or the drainpipe is blocked, timely warning, prevent the water tray inside the machine overflow.



7-level Fan Speed Volume

Thin fuselage, the installation space required is small, the unit can be easily installed in a fairly narrow ceiling.



DC Series Slim Duct

Specification

Model		TMV-V18 F5/NIDY(E)	TMV-V22 F5/NIDY(E)	TMV-V25 F5/NIDY(E)	TMV-V28 F5/NIDY(E)	TMV-V32 F5/NIDY(E)	TMV-V36 F5/NIDY(E)	TMV-V40 F5/NIDY(E)	TMV-V45 F5/NIDY(E)	TMV-V50 F5/NIDY(E)	TMV-V56 F5/NIDY(E)
Capacity	Cooling capacity	kW	1.8	2.2	2.5	2.8	3.2	3.6	4.0	4.5	5.6
	Heating capacity	kW	2.2	2.5	2.8	3.2	3.6	4.0	4.5	5.6	6.3
Power	Cooling power	kW	0.02	0.02	0.02	0.02	0.03	0.03	0.05	0.05	0.05
	Heating power	kW	0.02	0.02	0.02	0.02	0.03	0.03	0.05	0.05	0.05
Power supply		220V 1N~50Hz									
Current	Cooling current	A	0.09	0.09	0.09	0.09	0.14	0.14	0.23	0.23	0.23
	Heating current	A	0.09	0.09	0.09	0.09	0.14	0.14	0.23	0.23	0.23
Fan	air volume	m³/h	500	500	500	500	550	550	850	850	850
External static pressure		Pa	20(0 ~ 50)	20(0 ~ 50)	20(0 ~ 50)	20(0 ~ 50)	20(0 ~ 50)	20(0 ~ 50)	20(0 ~ 50)	20(0 ~ 50)	20(0 ~ 50)
Noise H/M/L		dB(A)	30/26/20	30/26/20	30/26/20	30/26/20	30/26/22	30/26/22	34/29/24	34/29/24	34/29/24
Net dimension (L×W×H)	Net dimensions	mm	700×450×200						920×450×200		
	Size of return air inlet	mm	570×172						790×172		
	Air outlet size	mm	510×140						730×140		
Net weight		kg	14.5	14.5	14.5	14.5	14.5	14.5	17.0	17.0	17.0
Connecting pipe diameter	gas pipe	mm	9.52	9.52	9.52	9.52	12.70	12.70	12.70	12.70	12.70
	liquid tube	mm	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35
	Connection mode	/	Threaded connection								
Drainage pipe diameter		mm	DN25								
Electric control mode		/	Remote Controller & Wired controller								

Model			TMV-V63 F5/NIDY(E)	TMV-V71 F5/NIDY(E)	TMV-V80 F5/NIDY(E)	TMV-V90 F5/NIDY(E)	TMV-V100 F5/NIDY(E)	TMV-V112 F5/NIDY(E)	TMV-V125 F5/NIDY(E)	TMV-V140 F5/NIDY(E)
Capacity	Cooling capacity	kW	6.3	7.1	8.0	9.0	10.0	11.2	12.5	14.0
	Heating capacity	kW	7.1	8.0	9.0	10.0	11.2	12.5	14.0	16.0
Power	Cooling power	W	54	54	54	180	180	180	250	250
	Heating power	W	54	54	54	180	180	180	250	250
Power supply			220V 1N~50Hz							
Current	Cooling current	A	0.25	0.25	0.25	0.90	0.90	0.90	1.20	1.20
	Heating current	A	0.25	0.25	0.25	0.90	0.90	0.90	1.20	1.20
Fan	air volume	m³/h	1100	1100	1100	1800	1800	1800	2000	2000
External static pressure		Pa	20(0 ~ 80)	20(0 ~ 80)	20(0 ~ 80)	60(30 ~ 80)	60(30 ~ 80)	60(30 ~ 80)	60(30 ~ 80)	60(30 ~ 80)
Noise H/M/L		dB(A)	37/31/27	37/31/27	37/31/27	43/37/33	43/37/33	43/37/33	44/41/37	44/41/37
Net dimension (L×W×H)	Net dimensions	mm	1100×450×200				1400×700×250			
	Size of return air inlet	mm	1004×165				1365×220			
	Air outlet size	mm	930×140				1365×175			
Net weight		kg	21.5	21.5	21.5	35.5	35.5	35.5	37.5	37.5
Connecting pipe diameter	gas pipe	mm	15.88	15.88	15.88	15.88	15.88	15.88	15.88	15.88
	liquid tube	mm	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52
	Connection mode	/	Threaded connection							
Drainage pipe diameter		mm	DN25							
Electric control mode		/	Remote Controller & Wired controller							

Notes:

- Specifications are based on the following conditions:
- Cooling: Indoor temperature 27℃ DB/19℃ WB, and outdoor temperature 35℃ DB/24℃ WB.
- Heating: Indoor temperature 20℃ DB/15℃ WB, and outdoor temperature 7℃ DB/6℃ WB.
- Equivalent piping length: 5m; Level difference: 0m; Voltage: 230V.
- Sound Level: Indoor unit sound pressure level, measured at a point 1.5m downward from the unit center.
- Outdoor unit sound pressure level, measured at a point 1.0m in front of the unit.
- Optional simple wired controller; Universal remote controller; auto-restart(optional); Timer: only one circle.
- Due to ongoing product development, specifications are subject to change without notice.



Wall mounted



Recommended places

Living room, study, reference room, negotiation room and other places

Technical characteristics



Ultra-low silent operation

Adopt large-diameter blade, high-quality plastic-encapsulated motor, and the noise is as low as 27dB(A).



Ultra-thin body design, smart and beautiful

The minimum thickness of the unit is only 380mm, which makes installation more convenient.



Easy maintenance

The horizontal baffle of the unit is easy to remove for easy cleaning and maintenance.



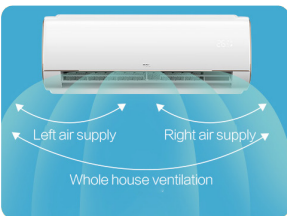
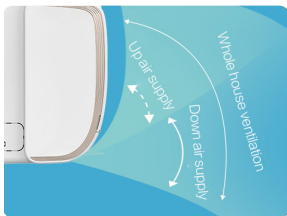
Long-lasting filter design

The long-term filter design makes the air more healthy, reduces the difficulty of maintenance.



Wide-angle air supply, more comfortable

The upper and lower wind guide vanes make the airflow comfortable.



Specification

Model			TMV-V22G/ NIY-B(E)	TMV-V28G/ NIY-B(E)	TMV-V36G/ NIY-B(E)	TMV-V45G/ NIY-B(E)	TMV-V50G/ NIY-B(E)	TMV-V56G/ NIY-B(E)	TMV-V71G/ NIY-B(E)	TMV-V80G/ NIY-B(E)
Control type			Remote Controller & Wired controller							
Cooling capacity	Capacity	W	2,200	2,800	3,600	4500	5000	5600	7100	8000
	Input	W	40	40	40	45	45	70	70	70
	Current	A	0.19	0.19	0.19	0.2	0.2	0.32	0.32	0.32
Heating capacity	Capacity	W	2500	3200	4000	5000	5600	6300	8000	9000
	Input	W	40	40	40	45	45	70	70	70
	Current	A	0.19	0.19	0.19	0.2	0.2	0.32	0.32	0.32
Indoor noise level at cooling (sound pressure level)High/Med/Low			38/33/27	38/33/27	38/33/27	42/37/33	42/37/33	44/39/35	44/39/35	44/39/35
Refrigerant type/Quantity		Type	R410A							
Design pressure		MPa	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Power supply			220-240V 1N ~ 50HZ							
Indoor air circulation (Cooling/Heating)		L/S	153	153	153	181	181	222	222	222
		m³/h	550	550	550	650	650	800	800	800
Indoor fan type			Centrifugal fan							
Connecting Pipe	Liquid	Inches	1/4"	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"	3/8"
	Gas	Inches	1/2"	1/2"	1/2"	1/2"	1/2"	5/8"	5/8"	5/8"
Drainage Pipe		mm	16	16	16	16	16	16	16	16
Net dimensions (W x H x D)		mm	910×294×206				1010×315×220			
Net weight	Indoor	kg	10	10	10	10	10	13	13	13
Packing dimensions(W x H x D)		mm	977×367×276				1094×386×300			
Gross weight	Indoor	kg	12.5	12.5	12.5	12.5	12.5	16	16	16
Loading Capacity			0.9HP	1.0HP	1.2HP	1.5HP	1.8HP	2.0HP	2.0HP	2.0HP

Notes: 1. Specifications are based on the following conditions:

2. Cooling: Indoor temperature 27℃ DB/19℃ WB, and outdoor temperature 35℃ DB/24℃ WB.

3. Heating: Indoor temperature 20℃ DB/15℃ WB, and outdoor temperature 7℃ DB/6℃ WB.

4. Equivalent piping lenTMV6+h:5m; Level difference:0m; Voltage:230V.

5. Sound Level: Indoor unit sound pressure level, measured at a point 1.5m downward from the unit center.

6. Outdoor unit sound pressure level, measured at a point 1.0m in front of the unit.

7. Optional simple wired controller; Universal remote controller; auto-restart(optional); Timer: only one circle.

8. Due to ongoing product development, specifications are subject to change without notice.

Ceiling & floor



Recommended places

Living room, study, reference room, negotiation room and other places

Technical characteristics



Ultra-thin Design

Compact design which fits for various room styles.



Wide Range of Air Flow

The air supply angle is from 0 to 110°, making the indoor temperature more uniform and more comfortable.



Dual Direction of Drainage

Condensing water can be drained both from left and right side.



Detachable Plastic Blowers

Universal design ned parts and assemblies applied, which is easy for maintenance.



Flexible Installation

Two ways of installation available, ceiling suspended and floor standing.



Wire Control (optional)

Wire control is available, especially for hotel rooms, offices, etc.

Specification

Model			TMV-V45ZD/ NIY(E)	TMV-V50ZD/ NIY(E)	TMV-V56ZD/ NIY(E)	TMV-V63ZD/ NIY(E)	TMV-V71ZD/ NIY(E)	TMV-V80ZD/ NIY(E)	TMV-V90ZD/ NIY(E)	TMV-V100ZD/ NIY(E)	TMV-V1125ZD/ NIY(E)	TMV-V125ZD/ NIY(E)	TMV-V140ZD/ NIY(E)
Cooling capacity	Capacity	Btu/h (W)	15000 (4500)	17000 (5000)	19000 (5600)	21000 (6300)	24000 (7100)	27000 (8000)	30000 (9000)	34000 (10000)	38000(11200)	42000 (12500)	48000 (14000)
	Input	W	102	102	102	149	149	149	158	158	235	235	235
Heating capacity	Capacity	Btu/h (W)	17000 (5000)	19000 (5600)	21000 (6300)	24000 (7100)	27000 (8000)	30000 (9000)	34000 (10000)	38000 (11200)	42000 (12500)	48000 (14000)	55000 (16000)
	Input	W	102	102	102	149	149	149	158	158	235	235	235
Noise	H/M/L	dB(A)	44/42/39	44/42/39	44/42/39	46/44/41	46/44/41	46/44/41	50/48/45	50/48/45	52/50/47	52/50/47	52/50/47
Design pressure		MPa	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
Power supply			220-240V-/50Hz/										
Indoor air circulation (Cooling/Heating)		L/S	267	267	267	333	333	333	444	444	556	556	556
		m³/h	960	960	960	1200	1200	1200	1600	1600	2000	2000	2000
Connecting	Liquid	Inches	1/4"	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Pipe	Gas	Inches	1/2"	1/2"	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"
Drainage Pipe		mm	25(ID20,OD25)										
Net dimensions	W x H x D	mm	1055×675×235						1275×675×235		1635×675×235		
Net weight		kg	24	24	24	25	25	25	29	29	38	38	38
Packing dimensions	W x H x D	mm	1131×753×313						1351×753×313		1711×753×313		
Gross weight		kg	27	27	27	28	28	28	35	35	46	46	46
Loading Capacity			1.5HP	1.8HP	2.0HP	2.2HP	2.5HP	3.0HP	3.2HP	3.6HP	4.0HP	4.5HP	5.0HP
Controller			Remote Controller & Wired controller										

Notes: 1. Specifications are based on the following conditions:

2. Cooling: Indoor temperature 27℃ DB/19℃ WB, and outdoor temperature 35℃ DB/24℃ WB.

3. Heating: Indoor temperature 20℃ DB/15℃ WB, and outdoor temperature 7℃ DB/6℃ WB.

4. Equivalent piping lenTMV6+h:5m; Level difference:0m; Voltage:230V.

5. Sound Level: Indoor unit sound pressure level, measured at a point 1.5m downward from the unit center.

6. Outdoor unit sound pressure level, measured at a point 1.0m in front of the unit.

7. Optional simple wired controller; Universal remote controller; auto-restart(optional); Timer: only one circle.

8. Due to ongoing product development, specifications are subject to change without notice.



One-way Cassette



Recommended places

Living room, dining room, office, lobby, etc

Technical characteristics



High-lift Drain Pump

The drain pump with a 700mm lifting head which is as standard, simplifying installation of the drain pipes.



Standard float switch, real-time monitor water level

Equipped with float switch, which will automatically monitor the water level and send alarm when malfunction of drain pump or stuck of drain pipe occurs.



Wide-angle air flow

Adopting new type of swing motor, which largely increases the angle of air flow.



High ceiling design

Reserves a super high fan speed for high ceiling installation, unit can provide powerful cooling and heating under a more than 3 meters floor height.



Slim body

Super slim body with 235mm thickness, less installation area required, capable to match multiple decoration styles.



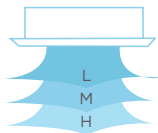
Suitable for corner installation, comfortable air flow

Well-designed shape, suitable for corner installation, make sure the air flow and temperature distribution well.



Three level fan speeds

High,Mid,Low three fan speed options, can meet the needs of different indoor condition.



IDU parameters

Model			TMV-V18Q1/N1Y	TMV-V22Q1/N1Y	TMV-V28Q1/N1Y	TMV-V36Q1/N1Y	TMV-V45Q1/N1Y	TMV-V50Q1/N1Y	TMV-V56Q1/N1Y
Cooling capacity	Capacity	Btu/h(W)	6000(12800)	7500(2200)	10000(2800)	12000(3600)	15000(4500)	17000(5000)	19000(5600)
	Input	W	50			60	70		
	Current	A	0.24			0.28	0.31		
Heating capacity	Capacity	Btu/h(W)	7500(2200)	9000(2500)	11000(3200)	14000(4000)	17000(5000)	19000(5600)	21000(6300)
	Input	W	50			60	70		
	Current	A	0.24			0.28	0.31		
Indoor noise level at cooling (sound pressure level)	High	dB(A)	39			40	42		
	Med.	dB(A)	34			36			
	Low	dB(A)	31			33			
Refrigerant type/Quantity	Type		R410A						
Design pressure		MPa	4.5						
Power supply			220-240V~/50Hz						
Indoor air circulation(Cooling/Heating)		L/S	142			189	222		
		m³/h	510			680	800		
Connecting Pipe	Liquid	Inches	1/4"						
	Gas	Inches	1/2"						
Drainage Pipe		mm	25(ID25,OD32)						
Net dimensions (W x H x D)		Indoor	mm	850×480×235					
Net weight		Indoor	kg	23					
Gross weight		Indoor	kg	28					

Notes: 1. Specifications are based on the following conditions:

2. Cooling: Indoor temperature 27℃ DB/19℃ WB, and outdoor temperature 35℃ DB/24℃ WB.

3. Heating: Indoor temperature 20℃ DB/15℃ WB, and outdoor temperature 7℃ DB/6℃ WB.

4. Equivalent piping lenTMV6+h:5m; Level difference:0m; Voltage:230V.

5. Sound Level: Indoor unit sound pressure level, measured at a point 1.5m downward from the unit center.

6. Outdoor unit sound pressure level, measured at a point 1.0m in front of the unit.

7. Optional simple wired controller; Universal remote controller; auto-restart(optional); Timer: only one circle.

8. Due to ongoing product development, specifications are subject to change without notice.

Two-way Cassette



Recommended places

Sitting room, study, dining room, small meeting room, etc

Technical characteristics



High-lift Drain Pump

A drain pump with a 700mm raise height is fitted as standard, simplifying installation of the drain piping.



Standard float switch, water level monitor

Equipped with float switch, which will automatically send alarm when malfunction of drain pump or stuck of drain pipe occur.



Three - speed adjustment

New winding motor, with scroll fan technology, wider air volume regulation, quieter operation, unique intimate wind gear design. High, medium and low three speed adjustment, strong refrigeration and heating, to create a quiet and comfortable temperature.



Ultra-thin body, lightweight design

Ultra-thin body (290mm), requires less installation space, even in the narrow low ceiling, still can be easily installed, more flexible collocation decoration style.



Super wide Angle air supply

Panel swing motor system adopts high-precision stepper motor, panel up and down risk control system is more intelligent, to achieve ultra-wide Angle and large range of air supply.



Quiet design, quiet and comfortable

Centrifugal wind wheel, axial air inlet, through rotation to form a certain wind pressure, small blade area, large number, uniform air, noise greatly reduced, for you to create a quiet and comfortable environment.



High ceiling design, direct air flow to the ground

High ceiling design, suitable for ceiling height up to 3m space.

IDU parameters

Model			TMV-V22Q2/ NIY	TMV-V28Q2/ NIY	TMV-V36Q2/ NIY	TMV-V45Q2/ NIY	TMV-V50Q2/ NIY	TMV-V56Q2/ NIY	TMV-V63Q2/ NIY	TMV-V71Q2/ NIY
Cooling capacity	Capacity	Btu/h(W)	7500(2200)	10000(2800)	12000(3600)	15000(4500)	17000(5000)	19000(5600)	21000(6300)	24000(7100)
	Input	W	64			70			110	
	Current	A	0.27			0.31			0.49	
Heating capacity	Capacity	Btu/h(W)	9000(2500)	11000(3200)	14000(4000)	17000(5000)	19000(5600)	21000(6300)	24000(7100)	27000(8000)
	Input	W	64			70			110	
	Current	A	0.27			0.31			0.49	
Indoor noise level at cooling Low×Med×High		dB(A)	32×35×40	33×36×42	35×38×43				36×39×46	
Refrigerant type/ Quantity	Type		R410A							
Design pressure		MPa	4.5							
Power supply			220-240V-/50Hz							
Indoor air circulation (Cooling/Heating)		L/S	161	161	189	189	236	236	378	378
		m³/h	580	580	680	680	850	850	1360	
Connecting Pipe	Liquid	Inches	1/4"						3/8"	
	Gas	Inches	1/2"						5/8"	
Drainage Pipe		mm	25(ID25,OD32)							
Net dimensions (W x H x D)	Indoor	mm	1140×575×290							
Net weight	Indoor	kg	32			33			34	
Gross weight	Indoor	kg	38			39			40	

Notes: 1. Specifications are based on the following conditions:

2. Cooling: Indoor temperature 27℃ DB/19℃ WB, and outdoor temperature 35℃ DB/24℃ WB.

3. Heating: Indoor temperature 20℃ DB/15℃ WB, and outdoor temperature 7℃ DB/6℃ WB.

4. Equivalent piping lenTMV6+h:5m; Level difference:0m; Voltage:230V.

5. Sound Level: Indoor unit sound pressure level, measured at a point 1.5m downward from the unit center.

6. Outdoor unit sound pressure level, measured at a point 1.0m in front of the unit.

7. Optional simple wired controller; Universal remote controller; auto-restart(optional); Timer: only one circle.

8. Due to ongoing product development, specifications are subject to change without notice.



Fresh Air Processing Unit



Recommended places

Cinemas, hotels, lobbies, dance halls, bars and other places

Technical characteristics



Healthy Fresh Air

Through the fresh air unit, the outdoor healthy air can be introduced into the room to keep the indoor healthy.



Ultra-high static pressure design

The maximum static pressure is 300pa, which can meet long-distance air supply and different space requirements.



Control Smart and Lower Cost

The fresh air unit can be controlled independently or connected to the same outdoor unit system with the AC indoor unit, reducing costs and installation space.



Simplify air exhaust system

Simplified air supply and exhaust system, stable and reliable.

Note: The sum of the capacity of the processing unit and the indoors should be 50%-100% of the ODU capacity, and the capacity of the fresh air units does not exceed 30%.

Specification

Model			Tmv -V140F1/ XFNIY(E)	Tmv -V224F1/ XFNIY(E)	Tmv -V280F1/ XFNIY(E)	Tmv -V450F1/ XFNIY(E)	Tmv -V560F1/ XFNIY(E)
Static pressure	Standard	Pa	196	200	200	300	300
Cooling capacity	Capacity	Btu/h(W)	48000(14000)	75000 (22400)	95500(28000)	153000(45000)	191000(56000)
	Input	W	420	1100	1100	1550	2250
Heating capacity	Capacity	Btu/h(W)	34000(10000)	54000 (16000)	68000(20000)	95500(28000)	133000(39000)
	Input	W	420	1100	1100	1550	2250
Noise	H/M/L	dB(A)	45	53	53	56	60
Design pressure		MPa	4.1	4.1	4.1	4.1	4.1
Power supply			220-240V~/50Hz/60Hz				
Indoor air circulation (Cooling/Heating)		L/S	569	833	833	1111	1667
		m³/h	2050	3000	3000	4000	6000
Connecting Pipe	Liquid	Inches	3/8"	1/2"	1/2"	1/2"	1/2"
	Gas	Inches	5/8"	1"	1"	9/8"	9/8"
Drainage Pipe		mm	25(ID20,OD25)				
Net dimensions	W x H x D	mm	1200×380×590	1366×470×758	1366×470×758	1770×650×758	1770×650×758
Net weight		kg	58	120	120	220	220
Packing dimensions	W x H x D	mm	1410×435×695	1620×930×975	1620×930×975	2035×1170×975	2035×1170×975
Gross weight		kg	60	145	145	245	245
Loading Capacity			5HP	8HP	10HP	15HP	20HP
Controller			Remote Controller & Wired controller				

Notes: 1. Specifications are based on the following conditions:

- Cooling: Indoor temperature 27℃ DB/19℃ WB, and outdoor temperature 35℃ DB/24℃ WB.
- Heating: Indoor temperature 20℃ DB/15℃ WB, and outdoor temperature 7℃ DB/6℃ WB.
- Equivalent piping lenTMV6+h:5m; Level difference:0m; Voltage:230V.

5. Sound Level: Indoor unit sound pressure level, measured at a point 1.5m downward from the unit center.

6. Outdoor unit sound pressure level, measured at a point 1.0m in front of the unit.

7. Optional simple wired controller; Universal remote controller; auto-restart(optional); Timer: only one circle.

8. Due to ongoing product development, specifications are subject to change without notice.

Energy Recovery Ventilation



Recommended places

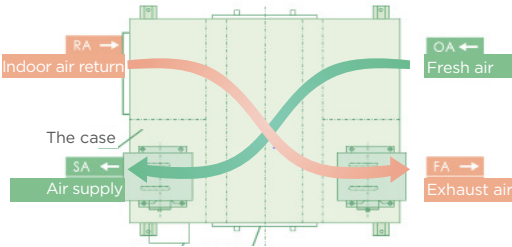
Cinemas, hotels, lobbies, dance halls, bars and other places

Technical characteristics



Healthy Fresh Air

Two-way heat exchange technology solves the problem of indoor exhaust air, independent circulation, without any pollution.



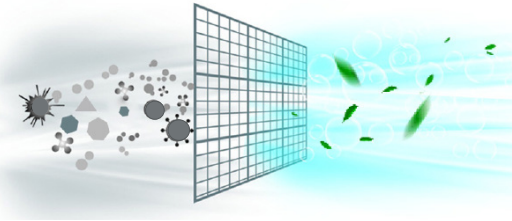
Big air volume and low energy consumption

Using high-efficiency heat exchangers, the energy exchange recovery rate is more than 70%.



Health

The unit is equipped with a professional fresh air filter to ensure that the air is dust-free, and customers can choose a high-efficiency filter.



Easy Maintenance

The filter chip can be repaired by opening the access door, which is simple and efficient.

Specification

Model	Air volume (m³/h)	ESP(Pa)	Power supply	Motor power input		Summer		Winter		Air volume range (m³/h)	Noise dB(A)	Dimension WXDXH(mm)
				input(KW)	Qty. (Pers.)	T.E.(%)	E.E.(%)	T.E.(%)	E.E.(%)			
XFQR-2Q-D	200	75	220V ~1N 50Hz	0.05	2	70	60	70	63	150-200	42	850×900×400
XFQR-3Q-D	300	75		0.065	2	70	62	70	65	200-300	42	850×900×400
XFQR-4Q-D	400	75		0.1	2	70	62	70	65	350-400	44	850×900×400
XFQR-5Q-D	500	75		0.12	2	70	62	70	65	450-500	46	850×900×400
XFQR-6Q-D	600	75		0.15	2	70	63	70	67	500-600	46	850×900×400
XFQR-10Q-D	1000	80		0.18	2	70	60	70	64	900-1000	52	1040×1200×500
XFQR-15Q-D	1500	120		0.25	2	70	62	70	67	1000-1500	55	1200×1200×500
XFQR-20Q-D	2000	220		0.32	2	70	62	70	69	1600-2000	57	1200×1200×500
XFQR-25Q-D	2500	200		0.45	2	70	62	70	67	2100-2500	57	1300×1500×600
XFQR-30Q-D	3000	200		0.55	2	70	61	70	65	2600-3000	57	1400×1600×620
XFQR-40Q-D/S	4000	200		0.8	2	70	62	70	69	3100-4000	58	1600×1700×700
XFQR-50Q-D/S	5000	210		1.1	2	70	61	70	64	4100-5000	60	1600×1700×700
XFQR-60Q-D/S	6000	320		1.8	2	70	60	70	62	5100-6000	61	1700×1400×1600
XFQR-80Q-D/S	8000	500		2.2	2	70	64	70	69	7100-8000	64	2000×1600×12800
XFQR-100Q-D/S	10000	480		3.0	2	70	63	70	69	9100-10000	66	2200×1600×12800
XFQR-120Q-D/S	12000	580		4.0	2	70	64	70	67	11000-12000	68	2500×1600×1900
XFQR-160Q-D/S	16000	500		5.5	2	70	64	70	67	15000-16000	68	2800×12800×2000

Notes: 1. Specifications are based on the following conditions:

- Cooling: Indoor temperature 27℃ DB/19℃ WB, and outdoor temperature 35℃ DB/24℃ WB.
- Heating: Indoor temperature 20℃ DB/15℃ WB, and outdoor temperature 7℃ DB/6℃ WB.
- Equivalent piping lenTMV6+h:5m; Level difference:0m; Voltage:230V.

5. Sound Level: Indoor unit sound pressure level, measured at a point 1.5m downward from the unit center.

6. Outdoor unit sound pressure level, measured at a point 1.0m in front of the unit.

7. Optional simple wired controller; Universal remote controller; auto-restart(optional); Timer: only one circle.

8. Due to ongoing product development, specifications are subject to change without notice.