

Sistema Residencial expansión directa de refrigerante variable VRF

ADV 2-5 (TR)

Heat Pump 220-240V ~1~ 50Hz/60Hz

Potencia 8 ÷ 18kW

<p>One way cassette</p>	ADV-D**Q1/N1-D											
	Model index	06	07	09	12	15	18	24				
	Power supply	1 phase, 220-240V, 50Hz										
	Cooling capacity (kW/kBtu/h)	1.8/6	2.2/7	2.8/9	3.6/12	4.5/15	5.6/19	7.1/24				
	Heating capacity (kW/kBtu/h)	2.2/7	2.6/8	3.2/10	4/13	5/17	6.3/21	8/27				
	Indoor air flow (m³/h)	523/404/275	523/404/275	573/456/315	573/456/315	693/600/476	792/688/549	933/749/592				
Sound pressure level (dB(A))	37/34/30	37/34/30	39/37/34	40/38/34	41/39/35	42/40/36	44/41/37					
<p>Four-way Cassette</p>	ADV-D**Q4/N1-E											
	Model index	09	12	15	18	24	28	32	36	40	48	56
	Power supply	1 phase, 220-240V, 50Hz										
	Cooling capacity (kW/kBtu/h)	2.8/9	3.6/12	4.5/15	5.6/19	7.1/24	8/27	9/30	10/34	11.2/38	14/47	16/54
	Heating capacity (kW/kBtu/h)	3.2/10	4/13	5/17	6.3/21	8/27	9/30	10/34	11.1/37	12.5/42	16/54	18/61
	Indoor air flow (m³/h)	764/638 /554	764/638 /554	905/740 /651	905/740 /651	950/767/663	1200/1021 /789	1332/1129 /908	1651/1304 /1127	1651/1304 /1127	1658/1335 /1130	2100/1950/1800 /1750/1600 /1450/1350
Sound pressure level (dB(A))	32/31/30	32/31/30	36/34/33	36/34/33	38/36/35	42/39/37	43/39/38	45/42/40	45/42/40	46/41/39	46/44/42/41 /39/38/37	46/44/42/41 /39/38/37
<p>Compact Four-way Cassette</p>	ADV-D**Q4/N1-A3											
	Model index	05	07	09	12	15						
	Power supply	1 phase, 220-240V, 50Hz										
	Cooling capacity (kW/kBtu/h)	1.5/5	2.2/7	2.8/9	3.6/12	4.5/15						
	Heating capacity (kW/kBtu/h)	1.7/5	2.4/8	3.2/10	4/13	5/17						
	Indoor air flow (m³/h)	400/283/208	414/313/238	414/313/238	521/409/314	521/409/314						
Sound pressure level (dB(A))	35/33/23	36/33/23	36/33/23	42/36/29	42/36/29							
<p>Medium Static Pressure Duct</p>	ADV-D**T2/N1-DA5											
	Model index	07	09	12	15	18	24	28	32	40	48	56
	Power supply	1 phase, 220-240V, 50Hz										
	Cooling capacity (kW/kBtu/h)	2.2/7	2.8/9	3.6/12	4.5/15	5.6/19	7.1/24	8/27	9/30	11.2/38	14/47	16/54
	Heating capacity (kW/kBtu/h)	2.6/8	3.2/10	4/13	5/17	6.3/21	8/27	9/30	10/34	12.5/42	15.5/52	17/58
	Indoor air flow (m³/h)	550/397 /309	550/397 /309	605/442 /351	800/573 /479	800/573 /479	985/738 /630	1345/1165 /1013	1345/1165 /1013	1800/1556 /1400	1905/1636 /1400	3620/3044 /2744
External static pressure (Pa)	10(0-30)						20(10-50)			40(10-80)	40(10-100)	50(50-196)
Sound pressure level (dB(A))	32/24/21	31/24/21	35/28/24	36/29/26	36/29/27	36/30/27	45/40/37	45/40/37	48/42/38	48/43/39	54/52/50	54/52/50
<p>Medium Static Pressure Duct</p>	ADV-DV**T2HN1											
	Model index	05	07	09	12	15	18	24				
	Power supply	1 phase, 220-240V, 50Hz										
	Cooling capacity (kW/kBtu/h)	1.5/5	2.2/7	2.8/9	3.6/12	4.5/15	5.6/19	7.1/24				
	Heating capacity (kW/kBtu/h)	1.8/6	2.5/8	3.2/10	4/13	5/17	6.3/21	8/27				
	Indoor air flow (m³/h)	340/330/320 /310/300/295/290	370/345/335 /320/310/300/295	460/430/410 /380/350/320/300	605/550/500 /450/410/360/320	800/720/690 /625/560/515/435	900/780/745 /655/580/560/470	1145/1000/930/840 /750/665/580				
External static pressure (Pa)	10(10-50)	10(10-50)	10(10-50)	10(10-50)	10(10-50)	10(10-50)	10(10-50)					
Sound pressure level (dB(A))	27/25.5/24 /23/22/21/20	28/27/26 /25/24/23/22	30/29/28 /27/26/25/24	30/29/28 /27/26/25/25	34/33/32 /30/29/28/26	36/34/33 /32/31/30/28	37/35/34 /32/31/30/28					
<p>High Static Pressure Duct</p>	ADV-D**T1N1											
	Model index	24	28	32	40	48	56					
	Power supply	1 phase, 220-240V, 50Hz										
	Cooling capacity (kW/kBtu/h)	7.1/24	8/27	9/30	11.2/38	14/47	16/54					
	Heating capacity (kW/kBtu/h)	8/27	9/30	10/34	12.5/42	16/54	17/58					
	Indoor air flow (m³/h)	1395/1315/1248/1204	1361/1285/1217/1175	1801/1687/1643/1431	2063/1939/1716/1533	2965/2561/2207/1905	3417/2875/2587/2383					
External static pressure (Pa)	25(25-196)	37(37-196)	37(37-196)	50(50-196)	50(50-196)	50(50-196)						
Sound pressure level (dB(A))	48/46/44/43	48/46/45/43	52/49/47/45	52/49/47/46	53/50/48/46	54/52/50/48						
<p>Wall Mounted</p>	ADV-D**G/N1-M(A)											
	Model index	07	09	12	15	18	24	28	32			
	Power supply	1 phase, 220-240V, 50Hz										
	Cooling capacity (kW/kBtu/h)	2.2/7	2.8/9	3.6/12	4.5/15	5.6/19	7.1/24	8/27	9/30			
	Heating capacity (kW/kBtu/h)	2.4/8	3.2/10	4/13	5/17	6.3/21	8/27	9/30	10/34			
	Indoor air flow (m³/h)	446/429/424/409/394/382/373	457/445/433/421/419/410/402	447/429/399/369/339/333/303	648/618/582/563/546/505/476	798/764/723/691/665/627/595	1240/1171/1107/1045/976/914/869	1248/1194/1119/1056/993/914/863	1427/1403/1303/1232/1188/1096/1043			
Sound pressure level (dB(A))	34/33/33/32 /32/31/31	33/33/32/32 /31/31/31	36/35/34/33 /32/32/32	37/36/34/34 /33/32/31	42/41/40/39 /38/37/36	48/47/45/44 /42/39/38	48/47/45/43 /42/39/38	52/51/50/49 /47/45/43				
<p>Ceiling / Floor</p>	ADV-D**DL/N1-C(A)											
	Model index	12	15	18	24	28	32	40	48			
	Power supply	1 phase, 220-240V, 50Hz										
	Cooling capacity (kW/kBtu/h)	3.6/12	4.5/15	5.6/19	7.1/24	8/27	9/30	11.2/38	14/47			
	Heating capacity (kW/kBtu/h)	4/13	5/17	6.3/21	8/27	9/30	10/34	12.5/42	15/51			
	Indoor air flow (m³/h)	650/570/500	800/600/500	1200/900/700	1980/1860/1730							
Sound pressure level (dB(A))	40/38/36	43/41/38	45/43/40	47/45/42								

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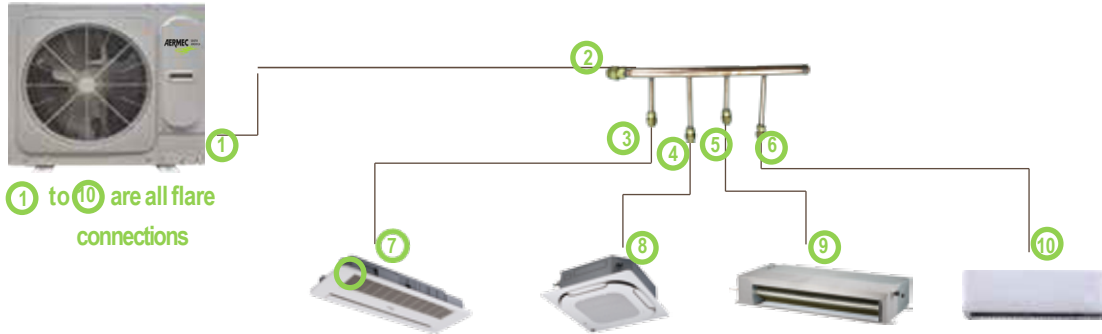
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All Flare Connections, The Easiest VRF to Install

The Residential VRF system uses all flare connection which can greatly simplify installation. The multiple branch header with 1 to 2, 3, 4, 5 or 6 options further simplify installation.



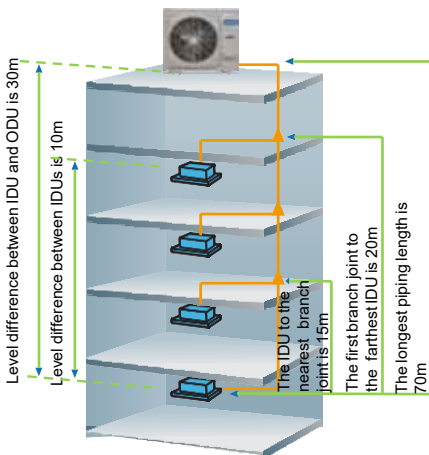
1 to 9 Indoor Units Connection

A single outdoor unit supports 1 to 9 indoor units, freeing up considerable space outside. Use your backyard more wisely with much more space available created by less number of outdoor units.



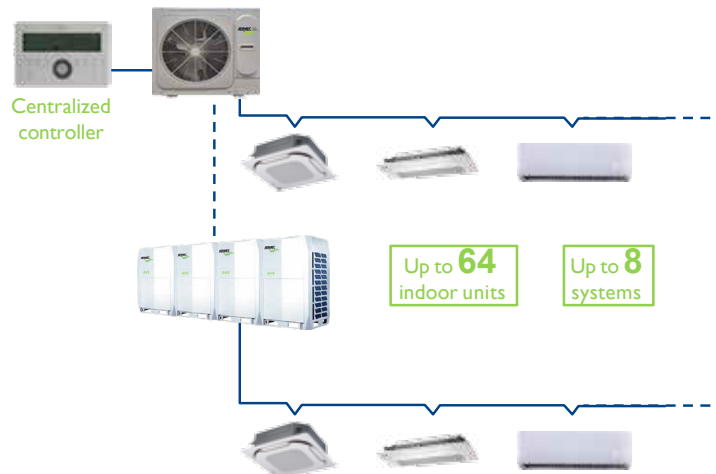
Long Piping Length

The Residential VRF provides a total piping length possibility of 100m, a maximum height difference between outdoor and indoor units of 30m. The height difference between indoor units can be up to 10m. These generous allowances facilitate an extensive array of system designs.



Centralized Control with Other VRF System, Convenient for Unified Management

The Residential system and other VRF system with up to 64 indoor units and 8 systems can be controlled in one centralized control system, it is very convenient for administrators to manage equipment uniformly.



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Flexible branch header Lineup

Model	1 to 2 branch header DXFQT2-02	1 to 3 branch header DXFQT3-02	1 to 4 branch header DXFQT4-02	1 to 5 branch header DXFQT5-02	1 to 6 branch header DXFQT6-02
Appearance					

Residencial Series Lineup

Outdoor Unit

Capacity range:
28/36/42/48/56/60kBTu/h (6 models)



28kBTu/h



36/42/48/56kBTu/h



60kBTu/h

One-way Cassette

Capacity range:
06/07/09/12/15/18/24kBTu/h (7 models)



Four-way Cassette

Capacity range:
09/12/15/18/24/28/32/36/40/48/56kBTu/h (11 models)



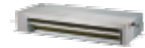
Compact Four-way Cassette

Capacity range:
05/07/09/12/15kBTu/h (5 models)



Medium Static Pressure Duct

Capacity range:
07/09/12/15/18/24/28/32/40/48/56kBTu/h (11 models)



Medium Static Pressure Duct (Arc Series)

Capacity range:
05/07/09/12/15/18/24kBTu/h (7 models)



High Static Pressure Duct

Capacity range:
24/28/32/40/48/56kBTu/h (6 models)



Wall Mounted

Capacity range:
07/09/12/15/18/24/28/32kBTu/h (8 models)



Ceiling / Floor

Capacity range:
12/15/18/24/28/32/40/48kBTu/h (8 models)



Note: Residencial indoor units can connect to Atom outdoor units only.

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Outdoor Unit Specifications

Model		ADV-V28WDHN1(AtB)	ADV-V36WDHN1(AtB)	ADV-V42WDHN1(AtB)	ADV-V48WDHN1(AtB)	ADV-V56WDHN1(AtB)	ADV-V60WDHN1(AtB)	
Power supply		1 phase, 220-240V, 50/60Hz						
Cooling capacity	kW/kBtu/h	8/27	10/34	12/41	14/47	15.5/52	17.5/59	
Heating capacity	kW/kBtu/h	9/30	12/41	14/47	16/54	18/61	19.5/66	
Connectable indoor unit	Total capacity	45~130% of outdoor unit capacity						
	Quantity	Minimum	1	1	1	1	1	1
		Maximum	4	6	7	8	9	9
Compressor	Type	DC inverter						
	Quantity	1						
Fan motor	Type	DC						
	Quantity	1						
Refrigerant type		R410A						
Liquid/Gas pipe	mm	Φ9.53/Φ15.9	Φ9.53/Φ15.9	Φ9.53/Φ15.9	Φ9.53/Φ15.9	Φ9.53/Φ19.1	Φ9.53/Φ19.1	
Net dimension (W×H×D)	mm	910 x 712 x 426	950 x 840 x 440	950 x 840 x 440	950 x 840 x 440	950 x 840 x 440	1040 x 865 x 523	
Packing size (W×H×D)	mm	1045 x 810 x 485	1025 x 950 x 510	1025 x 950 x 510	1025 x 950 x 510	1025 x 950 x 510	1120 x 980 x 560	
Operating	°C	Cooling: -5~55, Heating: -15~27						



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