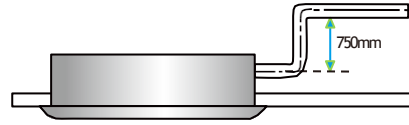


# Sistema Residencial expansión directa de refrigerante variable VRF

## Unidades interiores

220-240V ~1~ 60Hz

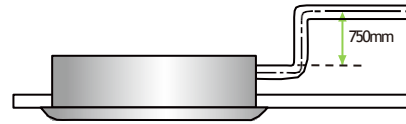
### One-way Cassette



The water pump is included

Model	ADV-D16Q1/VN1-D(B)	ADV-D22Q1/VN1-D(B)	ADV-D28Q1/VN1-D(B)	ADV-D36Q1/VN1-D(B)	ADV-D45Q1/VN1-D(B)	ADV-D56Q1/VN1-D(B)	ADV-D71Q1/VN1-D(B)		
Power supply	1 phase, 220-240V, 60Hz								
Cooling <sup>2</sup>	Capacity	kW	1.8	2.2	2.8	3.6	4.5	5.6	7.1
	Input	W	41	41	41	41	54	60	75
Heating <sup>2</sup>	Capacity	kW	2.2	2.6	3.2	4	5	6.3	8
	Input	W	41	41	41	41	54	60	75
Indoor fan motor	Type	AC							
	Quantity	1							
Refrigerant type	R410A								
Airflow rate (H/M/L)	m <sup>3</sup> /h		523/404/275		573/456/315		693/600/476	792/688/549	933/749/592
Sound pressure level (H/M/L) <sup>3</sup>	dB(A)		37/34/30	37/34/30	39/37/34	39/37/34	41/39/35	42/40/36	44/41/37
Indoor unit	Dimension <sup>4</sup> (WxHxD)	mm	1054x153x425				1275x189x450		
	Packing (WxHxD)	mm	1155x245x490				1370x295x505		
	Net/ Gross weight	kg	12.5/16		13/16.5		18.5/22.8	18.8/23.1	19.5/23.8
Panel	Dimension (WxHxD)	mm	1180x25x465				1350x25x505		
	Packing (WxHxD)	mm	1232x107x517				1410x95x560		
	Net/ Gross weight	kg	3.5/5.2				4/5.4		
Pipe connection	Liquid pipe	mm	Φ6.35				Φ9.53		
	Gas pipe	mm	Φ12.7				Φ15.9		
	Drain pipe	mm	OD Φ25						

### Two-way Cassette



The water pump is included

Model	ADV-D22Q2/VN1(B)	ADV-D28Q2/VN1(B)	ADV-D36Q2/VN1(B)	ADV-D45Q2/VN1(B)	ADV-D56Q2/VN1(B)	ADV-D71Q2/VN1(B)		
Power supply	1 phase, 220-240V, 60Hz							
Cooling <sup>2</sup>	Capacity	kW	2.2	2.8	3.6	4.5	5.6	7.1
	Input	W	78	78	83	115	133	205
Heating <sup>2</sup>	Capacity	kW	2.6	3.2	4	5	6.3	8
	Input	W	78	78	83	115	133	205
Indoor fan motor	Type	AC						
	Quantity	1						
Refrigerant type	R410A							
Airflow rate (H/M/L)	m <sup>3</sup> /h		674/509/381	674/509/381	740/577/435	878/689/561	941/776/654	1236/1110/864
Sound pressure level (H/M/L) <sup>3</sup>	dB(A)		33/29/24	36/32/29	36/32/29	39/35/30	39/35/30	44/40/34
Indoor unit	Dimension <sup>4</sup> (WxHxD)	mm	1172x299x591				1355x400x675	
	Packing (WxHxD)	mm	1355x400x675				1355x400x675	
	Net/ Gross weight	kg	34/42.5				36/44.5	
Panel	Dimension (WxHxD)	mm	1430x53x680				1525x130x765	
	Packing (WxHxD)	mm	1525x130x765				1525x130x765	
	Net/ Gross weight	kg	10.5/15				10.5/15	
Pipe connection	Liquid pipe	mm	Φ6.35				Φ9.53	
	Gas pipe	mm	Φ12.7				Φ15.9	
	Drain pipe	mm	OD Φ32					

They have fresh air intake

Notes:

1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Sound pressure level is measured 1.4m below the unit in a semi-anechoic chamber.
4. Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.

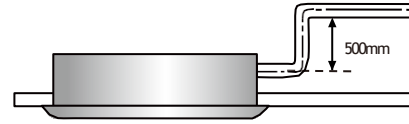
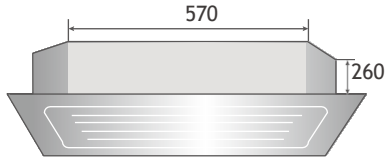
All specifications are measured at standard external static pressure.

# Sistema Residencial expansión directa de refrigerante variable VRF

## Unidades interiores

220-240V ~1~ 60Hz

### Compact Four-way Cassette

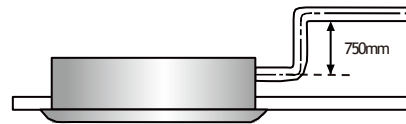
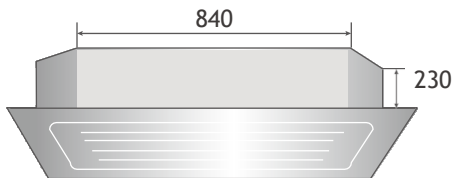


Model	ADV-D22Q4/VN1-A3(B)		ADV-D28Q4/VN1-A3(B)		ADV-D36Q4/VN1-A3(B)		ADV-D45Q4/VN1-A3(B)	
Power supply	1 phase, 220-240V, 60Hz							
Cooling <sup>1</sup>	Capacity	kW	2.2	2.8	3.6	4.5		
	Input	W	50	50	60	60		
Heating <sup>2</sup>	Capacity	kW	2.4	3.2	4	5		
	Input	W	50	50	60	60		
Indoor fan motor	Type	AC						
	Quantity	1						
Refrigerant type	R410A							
Airflow rate (H/M/L)		m <sup>3</sup> /h	397/292/215	408/310/231	496/359/263	496/359/263		
Sound pressure level (H/M/L) <sup>3</sup>		dB(A)	36/33/23		42/36/29			
Indoor unit	Dimension <sup>4</sup> (WxHxD)	mm	570×260×630					
	Packing (WxHxD)	mm	675×285×675					
	Net/Gross weight	kg	17.4/20.4		18.8/21.8			
Panel	Dimension (WxHxD)	mm	647×50×647					
	Packing (WxHxD)	mm	715×123×715					
	Net/Gross weight	kg	2.5/4.5					
Pipe connections	Liquid pipe	mm	Φ6.35					
	Gas pipe	mm	Φ12.7					
	Drain pipe	mm	OD Φ25					

The water pump is included

They have fresh air intake

### Four-way Cassette



Model	ADV-D28Q4/VN1-E(B)		ADV-D36Q4/VN1-E(B)		ADV-D45Q4/VN1-E(B)		ADV-D56Q4/VN1-E(B)		ADV-D71Q4/VN1-E(B)		ADV-D80Q4/VN1-E(B)	
Power supply	1 phase, 220-240V, 60Hz											
Cooling <sup>1</sup>	Capacity	kW	2.8	3.6	4.5	5.6	7.1	8				
	Input	W	80	80	88	88	105	120				
Heating <sup>2</sup>	Capacity	kW	3.2	4	5	6.3	8	9				
	Input	W	80	80	88	88	105	120				
Indoor fan motor	Type	AC										
	Quantity	1										
Refrigerant type	R410A											
Airflow rate (H/M/L)		m <sup>3</sup> /h	791/674/596	791/674/596	942/777/662	942/777/662	1235/1013/805	1235/1013/805				
Sound pressure level (H/M/L) <sup>3</sup>		dB(A)	30/25/22	30/25/22	35/31/27	35/31/27	43/37/31	43/37/31				
Indoor unit	Dimension <sup>4</sup> (WxHxD)	mm	840×230×840									
	Packing (WxHxD)	mm	955×260×955									
	Net/Gross weight	kg	21.5/26.7		23.7/28.9							
Panel	Dimension (WxHxD)	mm	950×50×950									
	Packing (WxHxD)	mm	1035×89×1035									
	Net/Gross weight	kg	5.8/7.9									
Pipe connections	Liquid pipe	mm	Φ6.35				Φ9.53					
	Gas pipe	mm	Φ12.7				Φ15.9					
	Drain pipe	mm	OD Φ32									

The water pump is included

They have fresh air intake

Notes:

- Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
- Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
- Sound pressure level is measured 1.4m below the unit in a semi-anechoic chamber.
- Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.

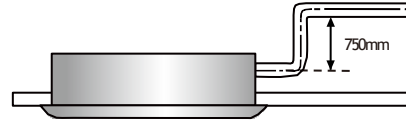
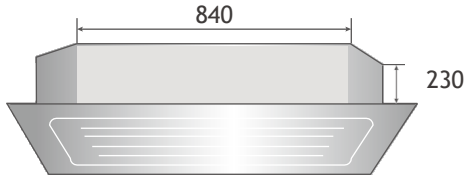
All specifications are measured at standard external static pressure.

## Sistema Residencial expansión directa de refrigerante variable VRF

### Unidades interiores

220-240V ~1~ 60Hz

#### Four-way Cassette

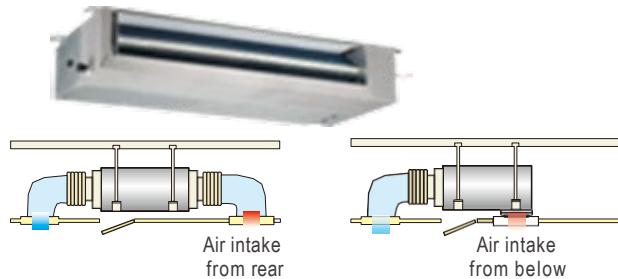
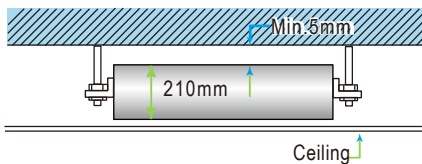


Model			ADV-D80Q4/N1-E(B)	ADV-D90Q4/N1-E(B)	ADV-D100Q4/N1-E(B)	ADV-D112Q4/N1-E(B)	ADV-D140Q4/N1-E(B)
Power supply			1 phase, 220-240V, 50Hz				
Cooling <sup>1</sup>	Capacity	kW	8	9	10	11.2	14
	Power input	W	110	140	165	165	176
Heating <sup>2</sup>	Capacity	kW	9	10	11.1	12.5	16
	Power input	W	110	140	165	165	176
Indoor fan motor	Type		AC				
	Quantity		1				
Refrigerant type			R410A				
Airflow rate (H/M/L)		m <sup>3</sup> /h	1200/1021/789	1332/1129/908	1651/1304/1127	1651/1304/1127	1658/1335/1130
Sound pressure level (H/M/L) <sup>3</sup>		dB(A)	42/39/37	43/39/38	45/42/40	45/42/40	46/41/39
Indoor unit	Dimension (WxHxD)	mm	840x230x840				
	Packing (WxHxD)	mm	955x260x955				
	Net/Gross weight	kg	23.7/28.9	28.7/34.1	28.7/34.1	28.7/34.1	30.9/36.3
Panel	Dimension (WxHxD)	mm	950x50x950				
	Packing (WxHxD)	mm	1035x89x1035				
	Net/Gross weight	kg	5.8/7.9				
Pipe connection <sup>5</sup>	Liquid pipe	mm	Ø9.53				
	Gas pipe	mm	Ø15.9				
	Drain pipe	mm	OD Ø32				

The water pump is included

They have fresh air intake

#### Medium Static Pressure Duct



Model			ADV-D90Q4/VN1-E(B)	ADV-D100Q4/VN1-E(B)	MDV-D112Q4/VN1-E(B)	MDV-D140Q4/VN1-E(B)
Power supply			1 phase, 220-240V, 60Hz			
Cooling <sup>1</sup>	Capacity	kW	9	10	11.2	14
	Input	W	187	200	200	220
Heating <sup>2</sup>	Capacity	kW	10	11.1	12.5	16
	Input	W	187	200	200	220
Indoor fan motor	Type		AC			
	Quantity		1			
Refrigerant type			R410A			
Airflow rate (H/M/L)		m <sup>3</sup> /h	1333/1158/957		1634/1219/1139	1692/1243/1157
Sound pressure level (H/M/L) <sup>3</sup>		dB(A)	43/38/32		45/37/35	46/38/37
Indoor unit	Dimension (WxHxD)	mm	840x300x840			
	Packing (WxHxD)	mm	955x330x955			
	Net/Gross weight	kg	28.7/34.1			
Panel	Dimension (WxHxD)	mm	950x50x950			
	Packing (WxHxD)	mm	1035x89x1035			
	Net/Gross weight	kg	5.8/7.9			
Pipe connection <sup>5</sup>	Liquid pipe	mm	Ø9.53			
	Gas pipe	mm	Ø15.9			
	Drain pipe	mm	OD Ø32			

Notes:

- Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
  - Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
  - Sound pressure level is measured 1.4m below the unit in a semi-anechoic chamber.
  - Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.
- All specifications are measured at standard external static pressure.

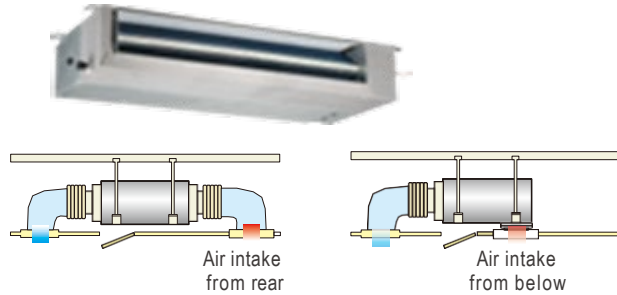
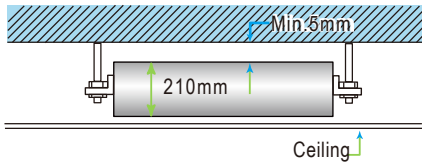
The water pump is included

# Sistema Residencial expansión directa de refrigerante variable VRF

## Unidades interiores

220-240V ~1~ 60Hz

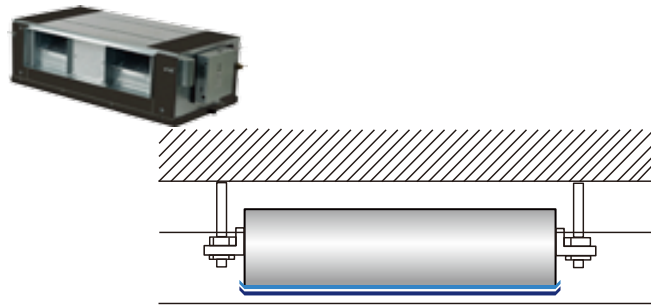
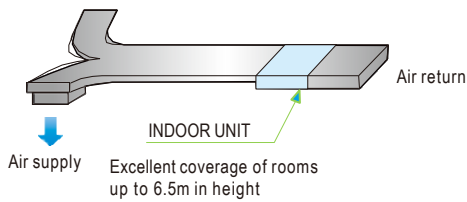
### Medium Static Pressure Duct



Model		ADV-D71T2/1N1-DA5(B)	ADV-D80T2/1N1-BA5(B)	ADV-D90T2/1N1-BA5(B)	ADV-D112T2/1N1-BA5(B)	ADV-D140T2/1N1-BA5(B)	
Power supply		1 phase, 220-240V, 60Hz					
Cooling <sup>1</sup>	Capacity	kW	7.1	8	9	11.2	14
	Input	W	125	133	134	378	352
Heating <sup>2</sup>	Capacity	kW	8	9	10	12.5	15.5
	Input	W	125	133	134	378	352
Indoor fan motor	Type	AC					
	Quantity	1					
Refrigerant type		R410A					
Airflow rate (SH/H/M/L)	m <sup>3</sup> /h	1029/934/781	1345/1165/1013	1345/1165/1013	1800/1556/1400	1905/1636/1400	
External static pressure (Std/Min-Max)	Pa	10(10-30)	20(10-50)	20(10-50)	40(10-80)	40(10-100)	
Sound pressure level (H/M/L) <sup>3</sup>	dB(A)	41/39/35	45/40/37	45/40/37	48/42/38	48/43/39	
Indoor unit	Dimension <sup>4</sup> (WxHxD)	m m	1220x210x500	1230x270x775		1290x300x865	
	Packing (WxHxD)	m m	1335x285x525	1355x350x795		1400x375x925	
	Net/Gross weight	kg	27.5/31	37.5/43		46.5/55.5	
Pipe connections	Liquid pipe	m m	Φ9.53				
	Gas pipe	m m	Φ15.9				
	Drain pipe	m m	OD Φ25				

The water pump is included

### High Static Pressure Duct



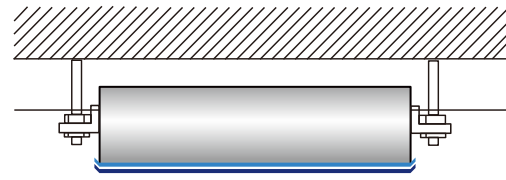
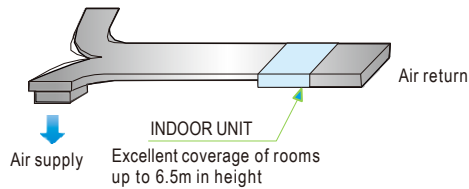
Model		ADV-D22T2/1N1-DA5(B)	ADV-D28T2/1N1-DA5(B)	ADV-D36T2/1N1-DA5(B)	ADV-D45T2/1N1-DA5(B)	ADV-D56T2/1N1-DA5(B)	
Power supply		1 phase, 220-240V, 60Hz					
Cooling <sup>1</sup>	Capacity	kW	2.2	2.8	3.6	4.5	5.6
	Input	W	66	72	77	100	100
Heating <sup>2</sup>	Capacity	kW	2.6	3.2	4	5	6.3
	Input	W	66	72	77	100	100
Indoor fan motor	Type	AC					
	Quantity	1					
Refrigerant type		R410A					
Airflow rate (SH/H/M/L)	m <sup>3</sup> /h	538/456/375	538/456/375	597/514/429	811/684/575	811/684/575	
External static pressure (Std/Min-Max)	Pa	10(10-30)					
Sound pressure level (H/M/L) <sup>3</sup>	dB(A)	36/35/32	36/35/32	39/38/34	39/38/34	39/38/34	
Indoor unit	Dimension <sup>4</sup> (WxHxD)	m m	780x210x500		1000x210x500		
	Packing (WxHxD)	m m	870x285x525		1115x285x525		
	Net/Gross weight	kg	17.5/20		22/25		
Pipe connections	Liquid pipe	m m	Φ6.35			Φ9.53	
	Gas pipe	m m	Φ12.7			Φ15.9	
	Drain pipe	m m	OD Φ25				

# Sistema Residencial expansión directa de refrigerante variable VRF

## Unidades interiores

220-240V ~1~ 60Hz

### High Static Pressure Duct



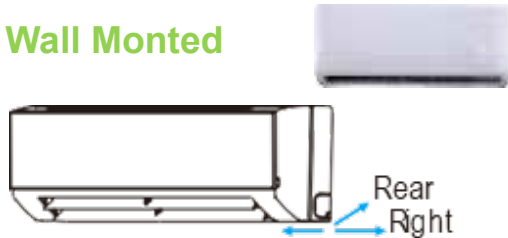
Model			ADV-D71 T2/VN1-DA5(B)	ADV-D80T2/VN1-BA5(B)	ADV-D90T2/VN1-BA5(B)	ADV-D112T2/VN1-BA5(B)	ADV-D140T2/VN1-BA5(B)
Power supply			1 phase, 220-240V, 60Hz				
Cooling <sup>1</sup>	Capacity	kW	7.1	8	9	11.2	14
	Input	W	125	133	134	378	352
Heating <sup>2</sup>	Capacity	kW	8	9	10	12.5	15.5
	Input	W	125	133	134	378	352
Indoor fan motor	Type	AC					
	Quantity	1					
Refrigerant type			R410A				
Airflow rate (SH/H/M/L)	m <sup>3</sup> /h		1029/934/781	1345/1165/1013	1345/1165/1013	1800/1556/1400	1905/1636/1400
External static pressure (Std/Min-Max)	Pa		10(10~30)	20(10~50)	20(10~50)	40(10~80)	40(10~100)
Sound pressure level (H/M/L) <sup>3</sup>	dB(A)		41/39/35	45/40/37	45/40/37	48/42/38	48/43/39
Indoor unit	Dimension <sup>4</sup> (WxHxD)	mm	1220x210x500	1230x270x775			1290x300x865
	Packing (WxHxD)	mm	1335x285x525	1355x350x795			1400x375x925
	Net/Gross weight	kg	27.5/31	37.5/43			46.5/55.5
Pipe connections	Liquid pipe	mm	Φ9.53				
	Gas pipe	mm	Φ15.9				
	Drain pipe	mm	OD Φ25				

# Sistema Residencial expansión directa de refrigerante variable VRF

## Unidades interiores

220-240V ~1~ 60Hz

Wall Monted



Model			ADV-D22G/VN1-M	ADV-D28G/VN1-M	ADV-D36G/VN1-M	ADV-D45G/VN1-M
Power supply			1 phase, 220-240V, 60Hz			
Cooling <sup>1</sup>	Capacity	kW	2.2	2.8	3.6	4.5
	Input	W	29	29	31	45
Heating <sup>2</sup>	Capacity	kW	2.4	3.2	4	5
	Input	W	29	29	31	45
Indoor fan motor	Type		AC			
	Quantity		1			
Refrigerant type			R410A			
Airflow rate <sup>3</sup>		m <sup>3</sup> /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
Sound pressure level <sup>4</sup>		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
Indoor unit	Dimension <sup>5</sup> (WxHxD)	mm	835×280×203			990×315×223
	Packing (WxHxD)	mm	915x353x300			1075x395x300
	Net/Gross weight	kg	8.5/11.0	8.5/11.0	9.7/12.2	13.8/16.4
Pipe connections	Liquid pipe	mm	Φ6.35			
	Gas pipe	mm	Φ12.7			
	Drain pipe	mm	OD Φ16			

Model			ADV-D56G/VN1-M	ADV-D71G/VN1-M	ADV-D80G/VN1-M	ADV-D90G/VN1-M
Power supply			1 phase, 220-240V, 60Hz			
Cooling <sup>1</sup>	Capacity	kW	5.6	7.1	8	9
	Input	W	54	77	77	90
Heating <sup>2</sup>	Capacity	kW	6.3	8	9	10
	Input	W	54	77	77	90
Indoor fan motor	Type		AC			
	Quantity		1			
Refrigerant type			R410A			
Airflow rate <sup>3</sup>		m <sup>3</sup> /h	798/764/723/691/665/627/595	1240/1171/1107/1045/976/914/863	1248/1194/1119/1056/993/914/863	1427/1403/1303/1232/1186/1096/1043
Sound pressure level <sup>4</sup>		dB(A)	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
Indoor unit	Dimension <sup>5</sup> (WxHxD)	mm	990×315×223		1194×343×262	
	Packing (WxHxD)	mm	1075x395x300		1265x420x345	
	Net/Gross weight	kg	13.8/16.4	17.4/20.8	17.6/21.0	17.6/21.0
Pipe connections	Liquid pipe	mm	Φ9.53			
	Gas pipe	mm	Φ15.9			
	Drain pipe	mm	OD Φ16			

# Sistema Residencial expansión directa de refrigerante variable VRF

## Unidades interiores

220-240V ~1~ 60Hz

### Ceiling & Floor



The unit can be installed either horizontally on the ceiling or vertically against the wall.

Model			ADV-D36DL/VN1-C(B)	ADV-D45DL/VN1-C(B)	ADV-D56DL/VN1-C(B)	ADV-D71DL/VN1-C(B)
Power supply			1 phase, 220-240V, 60Hz			
Cooling <sup>1</sup>	Capacity	kW	3.6	4.5	5.6	7.1
	Input	W	50	148	148	148
Heating <sup>2</sup>	Capacity	kW	4	5	6.3	8
	Input	W	50	148	148	148
Indoor fan motor	Type		AC			
	Quantity		1			
Refrigerant type			R410A			
Airflow rate (H/M/L)		m <sup>3</sup> /h	600/480/400	750/650/550	750/650/550	750/650/550
Sound pressure level (H/M/L) <sup>3</sup>		dB(A)	40/38/36	43/41/38	43/41/38	43/41/38
Indoor unit	Dimension <sup>4</sup> (WxHxD)	mm	990x203x660			
	Packing (WxHxD)	mm	1089x296x744			
	Net/ Gross weight	kg	26/32	28/34	28/34	28/34
Pipe connection <sup>5</sup>	Liquid pipe	mm	Φ6.35		Φ9.53	
	Gas pipe	mm	Φ12.7		Φ15.9	
	Drain pipe	mm	OD Φ25			

Model			ADV-D80DL/VN1-C(B)	ADV-D90DL/VN1-C(B)	ADV-D112DL/VN1-C(B)	ADV-D140DL/VN1-C(B)
Power supply			1 phase, 220-240V, 60Hz			
Cooling <sup>1</sup>	Capacity	kW	8	9	11.2	14
	Input	W	183	183	245	245
Heating <sup>2</sup>	Capacity	kW	9	10	12.5	15
	Input	W	183	183	245	245
Indoor fan motor	Type		AC			
	Quantity		1		2	
Refrigerant type			R410A			
Airflow rate (H/M/L)		m <sup>3</sup> /h	1200/900/700	1200/900/700	1980/1860/1730	1980/1860/1730
Sound pressure level (H/M/L) <sup>3</sup>		dB(A)	45/43/40	45/43/40	47/45/42	47/45/42
Indoor unit	Dimension <sup>4</sup> (WxHxD)	mm	1280x203x660		1670x244x680	
	Packing (WxHxD)	mm	1379x296x744		1764x329x760	
	Net/ Gross weight	kg	34.5/41	34.5/41	54/59	54/59
Pipe connection <sup>5</sup>	Liquid pipe	mm	Φ9.53			
	Gas pipe	mm	Φ15.9			
	Drain pipe	mm	OD Φ25			



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