



2nd Generation VRF DC INDOOR UNITS

Wide Application Range

Wide Range of Indoor Units

With 11 types and more than 100 models, Carrier VRF indoor units meet varied customer requirements in a wide range of locations including shopping malls, hospitals, office buildings, hotels and airports.



Multiple Appearance Options

For Four-way Cassette and Compact Four-way Cassette Units, interchangeable 360° airflow and four-way airflow panels are available.



360° airflow



Four-way airflow

For Floor Standing Units, the F3B (concealed) unit is designed to be concealed in walls while the F4 (front air intake) and F5 (underside air intake) offer a choice of air intake options.



F3B (concealed)



F4 (front air intake)



F5 (underside air intake)

Wall Mounted Unit

- Three interchangeable panels allow units to blend easily with any interior decoration, perfect for rooms with no false ceilings or free floor space
- Refrigerant outlet direction can be left, right or rear as the installation situation requires



Model	42VH007H115000106		42VH009H115000106	
Power supply	1 phase, 220-240V, 50/60Hz			
Cooling ¹	Capacity	kW	2.2	2.8
		kBtu/h	7.5	9.6
	Power input	W	28	28
Heating ²	Capacity	kW	2.4	3.2
		kBtu/h	8.2	10.9
	Power input	W	28	28
Air flow rate ³	m ³ /h		422/411/402/393/380/368/356	417/402/386/370/353/338/316
Sound pressure level ⁴	dB(A)		31/30/30/29/29/29	31/30/30/29/29/29
Unit	Net dimensions ⁵ (WxHxD)	mm	835x280x203	
	Packed dimensions (WxHxD)	mm	935x385x320	
	Net/Gross weight	kg	8.4/12.1	9.5/13.1
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7	
	Drain pipe	mm	OD Φ16	

Model	42VH012H115000106		42VH016H115000106		42VH020H115000106	
Power supply	1 phase, 220-240V, 50/60Hz					
Cooling ¹	Capacity	kW	3.6	4.5	5.6	
		kBtu/h	12.3	15.4	19.1	
	Power input	W	30	40	45	
Heating ²	Capacity	kW	4.0	5.0	6.3	
		kBtu/h	13.6	17.1	21.5	
	Power input	W	30	40	45	
Air flow rate ³	m ³ /h		656/628/591/573/544/515/488	594/563/535/507/478/450/424	747/713/685/648/613/578/547	
Sound pressure level ⁴	dB(A)		33/32/32/31/31/30/30	35/34/33/33/32/31/31	38/37/36/36/35/34/34	
Unit	Net dimensions ⁵ (WxHxD)	mm	990x315x223			
	Packed dimensions (WxHxD)	mm	1085x420x335			
	Net/Gross weight	kg	11.4/15.5	12.8/16.9		
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7		Φ9.53/Φ15.9	
	Drain pipe	mm	OD Φ16			

Model	42VH024H115000106		42VH028H115000106		42VH030H115000106	
Power supply	1 phase, 220-240V, 50/60Hz					
Cooling ¹	Capacity	kW	7.1	8.0	9.0	
		kBtu/h	24.2	27.3	30.7	
	Power input	W	55	55	82	
Heating ²	Capacity	kW	8.0	9.0	10.0	
		kBtu/h	27.3	30.7	34.1	
	Power input	W	55	55	82	
Air flow rate ³	m ³ /h		1195/1130/1065/1005/940/875/809	1195/1130/1065/1005/940/875/809	1421/1300/1125/1067/1005/934/867	
Sound pressure level ⁴	dB(A)		44/43/42/39/38/37/36	44/43/42/39/38/37/36	48/46/45/43/41/40/38	
Unit	Net dimensions ⁵ (WxHxD)	mm	1194x343x262			
	Packed dimensions (WxHxD)	mm	1290x375x460			
	Net/Gross weight	kg	17.0/22.4			
Pipe connections	Liquid/Gas pipe	mm	Φ9.53/Φ15.9			
	Drain pipe	mm	OD Φ16			

- 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. Each model's 7 airflow rate options are listed in order, from highest to lowest.
 4. Each model's 7 sound pressure levels are listed in order from highest to lowest and correspond to the model's 7 airflow rate options (see Note 3). Sound pressure level is measured 1m in front and 1m below the unit in a semi-anechoic chamber.
 5. Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.

Ceiling / Floor

Can be installed either on the ceiling or floor



Model	42VF012H115000016		42VF016H115000016		42VF020H115000016		42VF024H115000016	
Power supply	1 phase, 220-240V, 50/60Hz							
Cooling ¹	Capacity	kW	3.6	4.5	5.6		7.1	
		kBtu/h	12.3	15.4	19.1		24.2	
	Power input	W	49	115	115		115	
Heating ²	Capacity	kW	4.0	5.0	6.3		8.0	
		kBtu/h	13.6	17.1	21.5		27.3	
	Power input	W	49	115	115		115	
Air flow rate ³	m ³ /h		550/525/500/480/460/440/420		930/895/860/830/792/755/720			
Sound pressure level ⁴	dB(A)		40/39/38/38/37/36/36		43/42/41/41/39/38/38			
Unit	Net dimensions ⁵ (WxHxD)	mm	990x660x203					
	Packed dimensions (WxHxD)	mm	1089x744x296					
	Net/Gross weight	kg	26/32	28/34				
Pipe connections	Liquid/Gas pipe	mm	Φ6.35/Φ12.7			Φ9.53/Φ15.9		
	Drain pipe	mm	OD Φ16					

Model	42VF028H115000016		42VF030H115000016		42VF036H115000016		42VF048H115000016	
Power supply	1 phase, 220-240V, 50/60Hz							
Cooling ¹	Capacity	kW	8.0	9.0	11.2		14.0	
		kBtu/h	27.2	30.7	38.2		47.8	
	Power input	W	130	130	180		180	
Heating ²	Capacity	kW	9.0	10.0	12.5		15.0	
		kBtu/h	30.7	34.1	42.7		51.2	
	Power input	W	130	130	180		180	
Air flow rate ³	m ³ /h		1280/1245/1210/1170/1130/1085/1050			1890/1830/1765/1700/1660/1620/1580		
Sound pressure level ⁴	dB(A)		45/44/43/43/42/41/40			47/46/45/45/44/43/42		
Unit	Net dimensions ⁵ (WxHxD)	mm	1280x660x203				1670x680x244	
	Packed dimensions (WxHxD)	mm	1379x744x296				1915x760x330	
	Net/Gross weight	kg	35/41				48/58	
Pipe connections	Liquid/Gas pipe	mm	Φ9.53/Φ15.9					
	Drain pipe	mm	OD Φ16					

- 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. Each model's 7 airflow rate options are listed in order, from highest to lowest.
 4. Each model's 7 sound pressure levels are listed in order from highest to lowest and correspond to the model's 7 airflow rate options (see Note 3). Floor standing: Sound pressure level is measured 1m in front and 1m above the floor in a semi-anechoic chamber. Ceiling mounted: Sound pressure level is measured 1m in front and 1m below the unit in a semi-anechoic chamber.
 5. Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.