

AVC 6-73 (TR)

Cooling Only 208V-230 ~ 3N ~60Hz

Unidades exteriores expansión directa de refrigerante variable VRF

Potencia 22 ÷ 255 kW

Wide Capacity Range

For single unit, the capacity is up to 30HP. For combined units, maximum three 30HP units can be combined with capacity up to 90HP.

8/10/12/14/16HP
(with single fan)



18/20/22HP
(with dual fans)



24/26/28/30HP
(with dual fans)



16-60HP



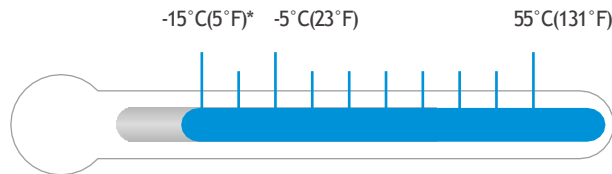
24-90HP



Wide Operating Temperature Range

The VC Pro VRF can operate stably in a wide ambient temperature range: from -15°C(5°F)* to 55°C(131°F) in cooling mode.

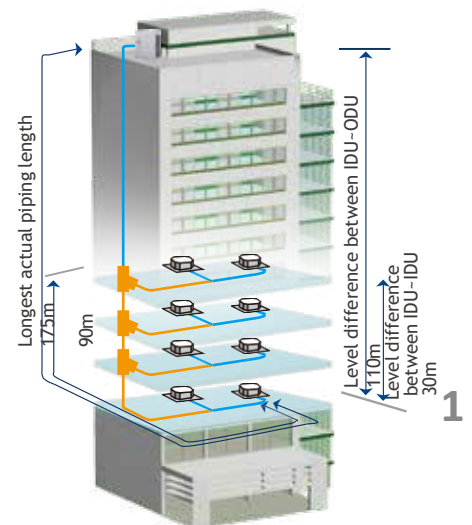
* Cooling operation at -15°C(5°F) is available as a customization option.



Long Piping Capability

Piping length	Capability (m(ft.))
Total piping length	1000(3280)
Longest piping length-actual/equivalent	175/200(574/656)
Longest piping length after first branch	40/90*(131.2/295.2)
Largest level difference between IDUs and ODU-ODU up/down	90/110(131.2/360.8)
Largest level difference between IDUs	30(98.4)

*The longest length after first branch is 40m(131.2ft.) as standard but can be extended to up to 90m(295.2ft.) under certain conditions. Please contact your local dealer for further information.



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Dimensions

Single Units

8/10/12/14/16HP

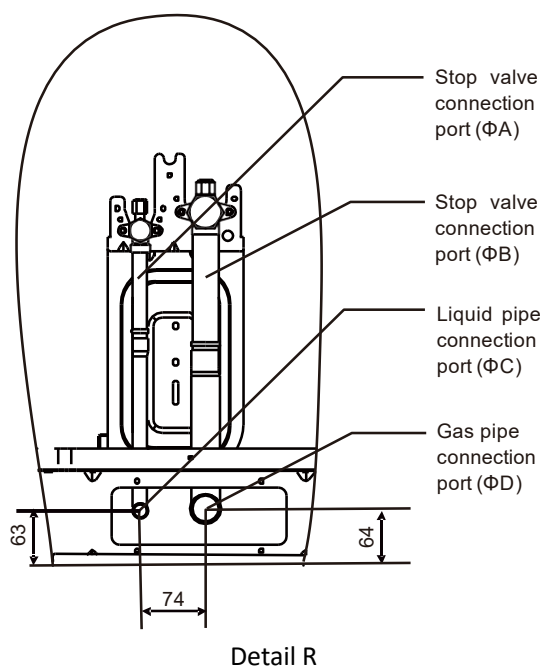
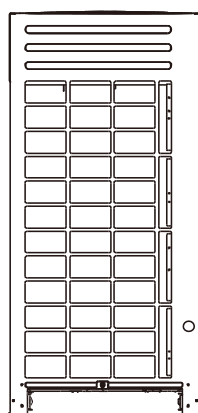
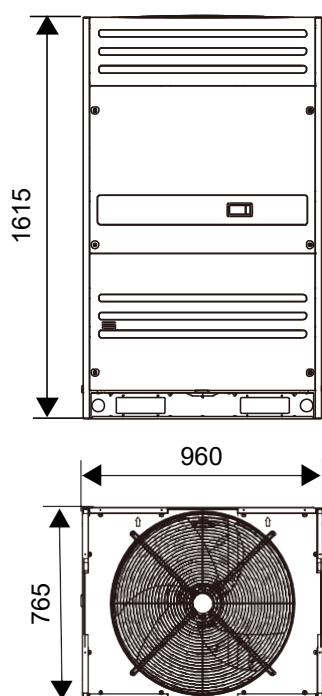


Table 2-2.1: 8/10/12/14/16HP connection piping diameter (unit: mm)

Size	8-10HP	12HP	14-16HP
A	Φ12.7	Φ12.7	Φ15.9
B	Φ25.4	Φ25.4	Φ28.6
C	Φ12.7	Φ12.7	Φ15.9
D	Φ25.4	Φ28.6	Φ31.8

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Dimensions

Single Units

18/20/22HP

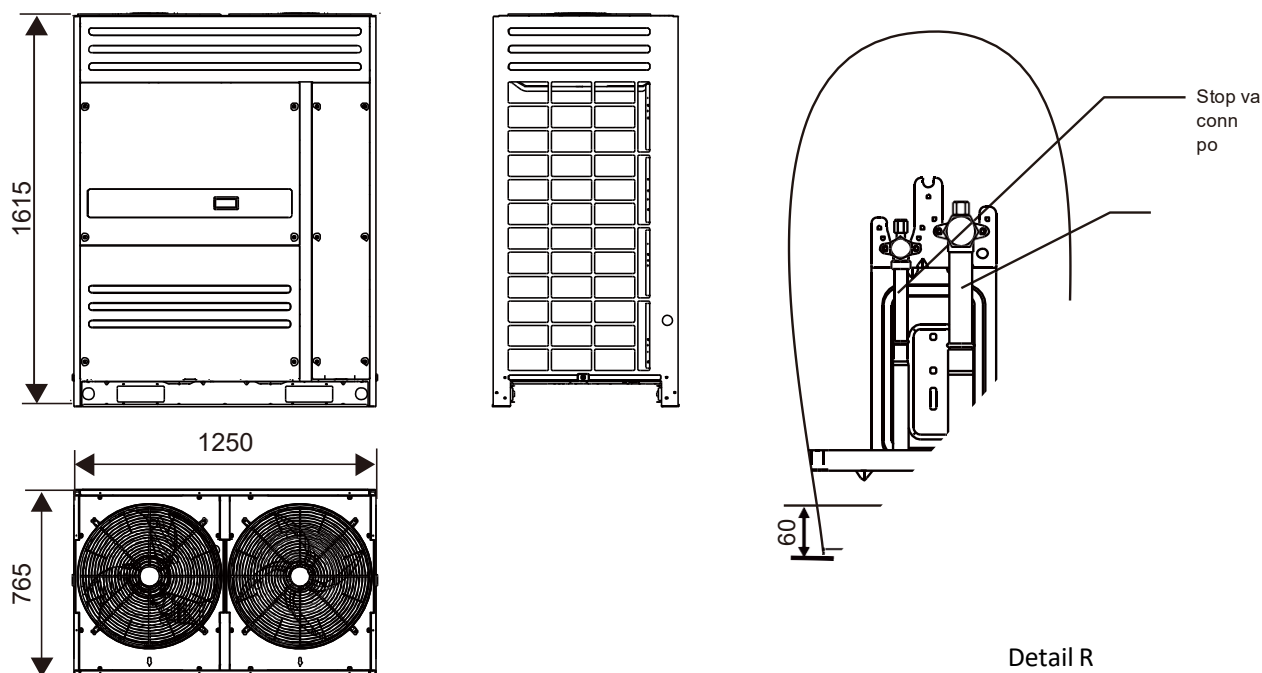


Table 2-2.2: 18/20/22HP connection piping diameter (unit: mm)

Size	18-22HP
A	Φ15.9
B	Φ28.6
C	Φ15.9
D	Φ31.8

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Dimensions

Single Units

24/26/28/30HP

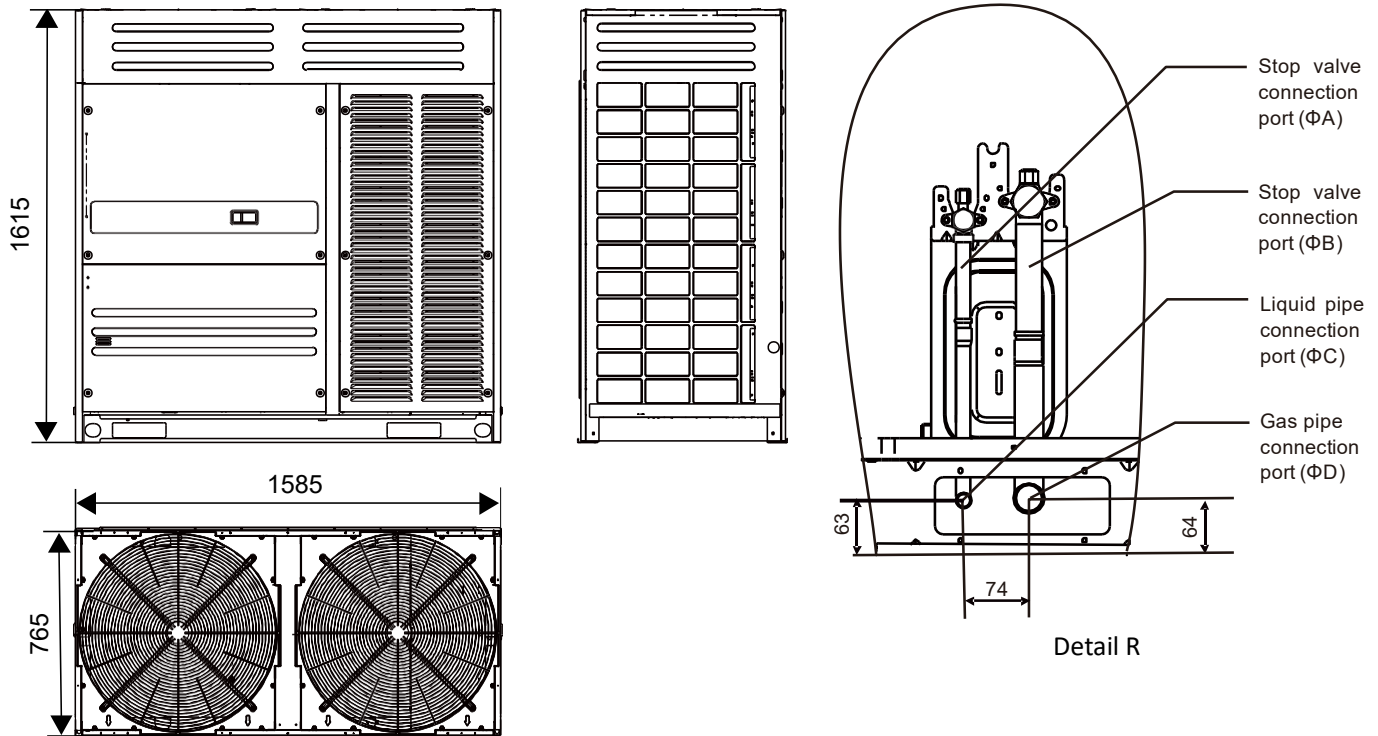


Table 2-2.3: 24/26/28/30HP connection piping diameter (unit: mm)

Size	24HP	26HP	28-30HP
A	Φ19.1	Φ19.1	Φ19.1
B	Φ35.0	Φ35.0	Φ35.0
C	Φ19.1	Φ19.1	Φ19.1
D	Φ31.8	Φ35.0	Φ35.0

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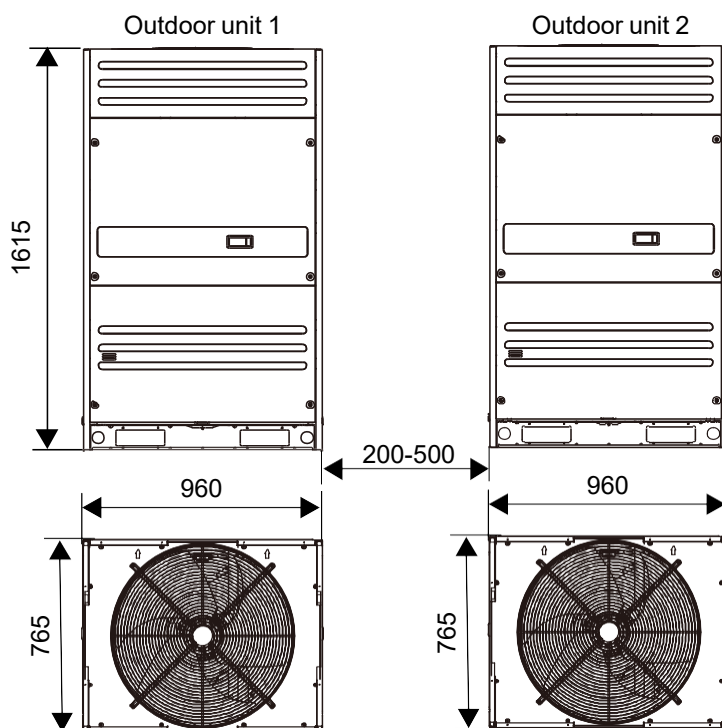
Unidades exteriores expansión directa de refrigerante variable VRF

Potencia 22 ÷ 255 kW

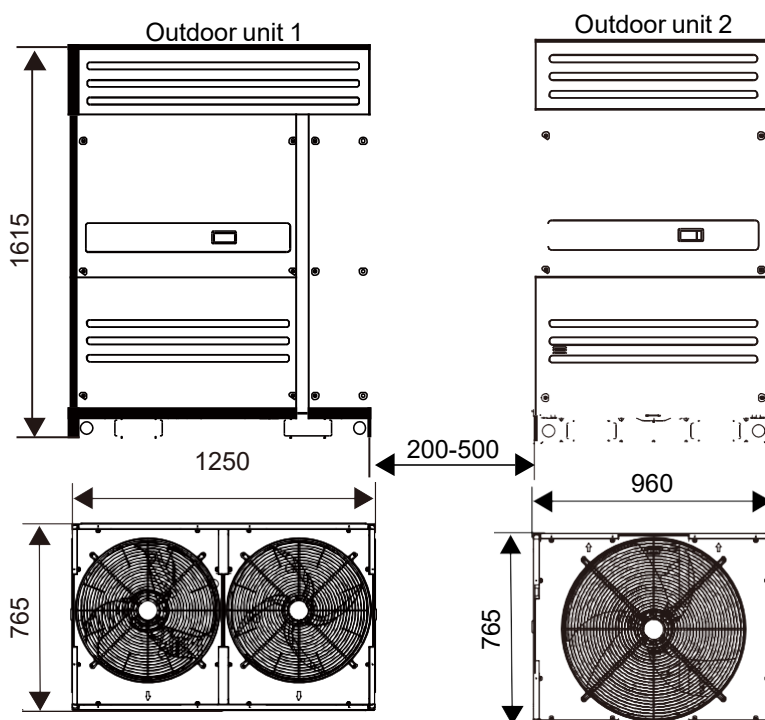
Dimensions

Combinations of Units

32HP



34/36/38HP



AVC 6-73 (TR)

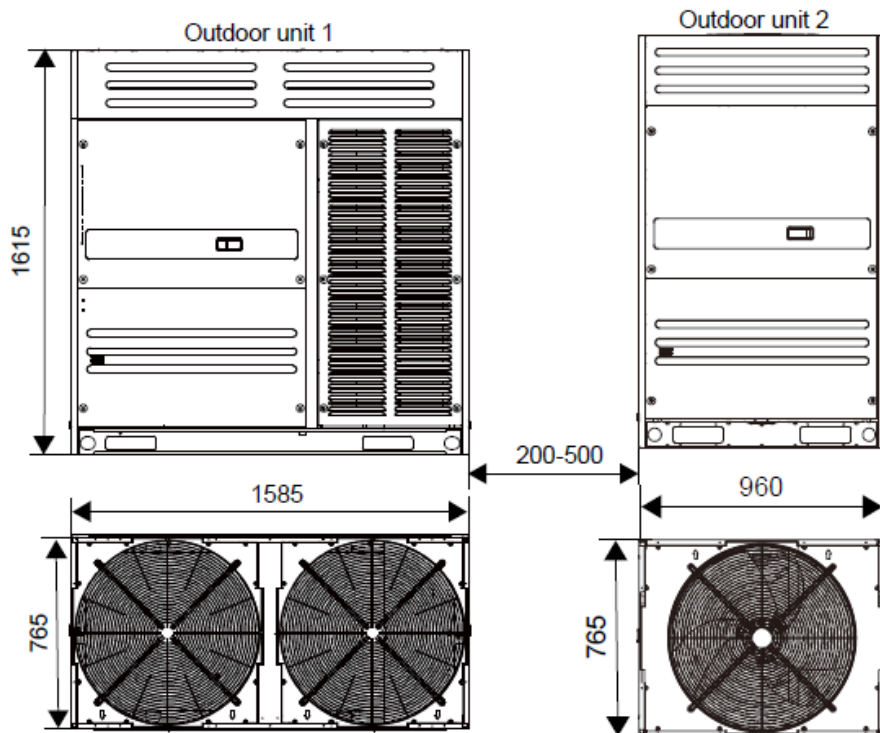
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Unidades exteriores expansión directa de refrigerante variable VRF

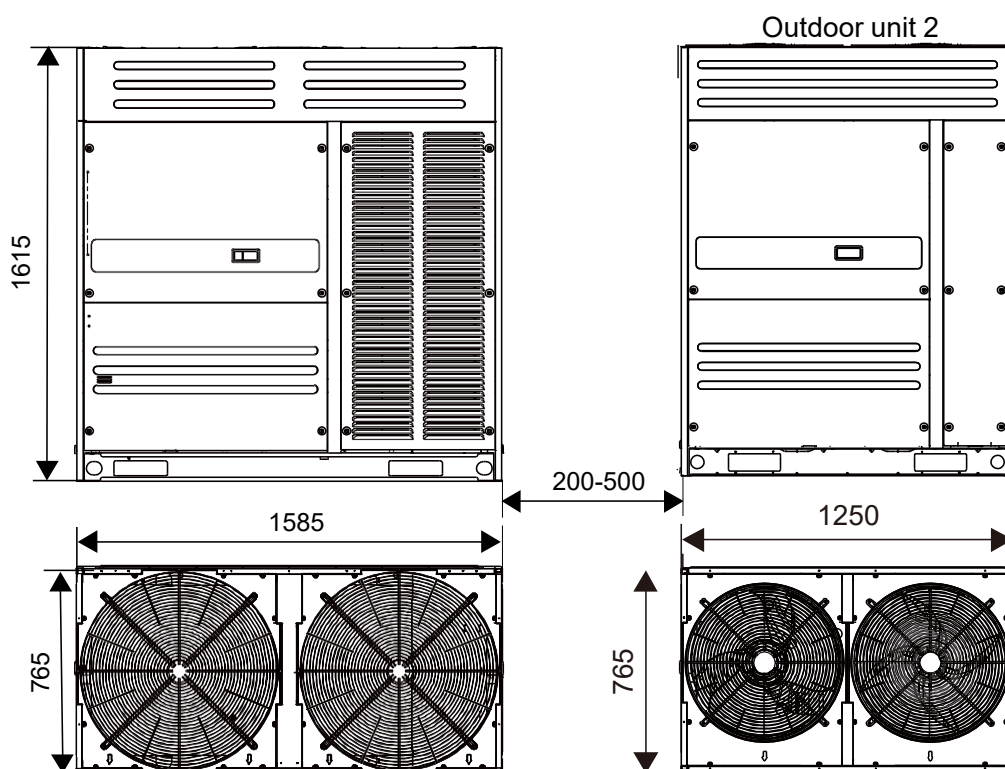
Potencia 22 ÷ 255 kW

Dimensions

40/42/44/46HP



48/50/52HP



AVC 6-73 (TR)

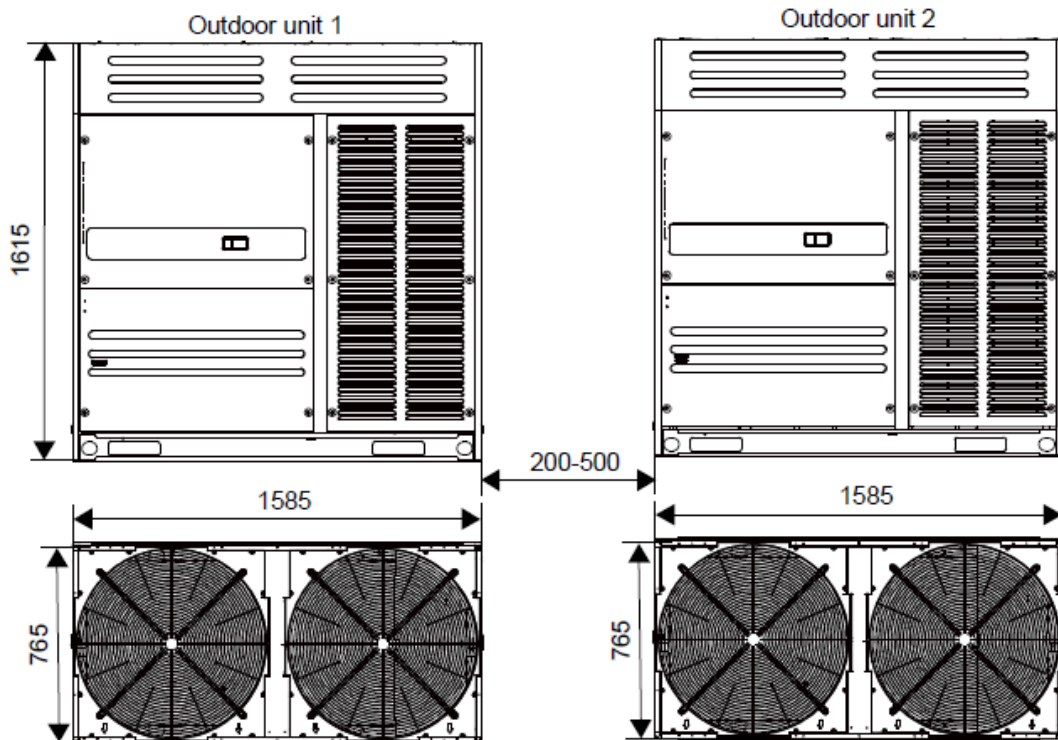
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Unidades exteriores expansión directa de refrigerante variable VRF

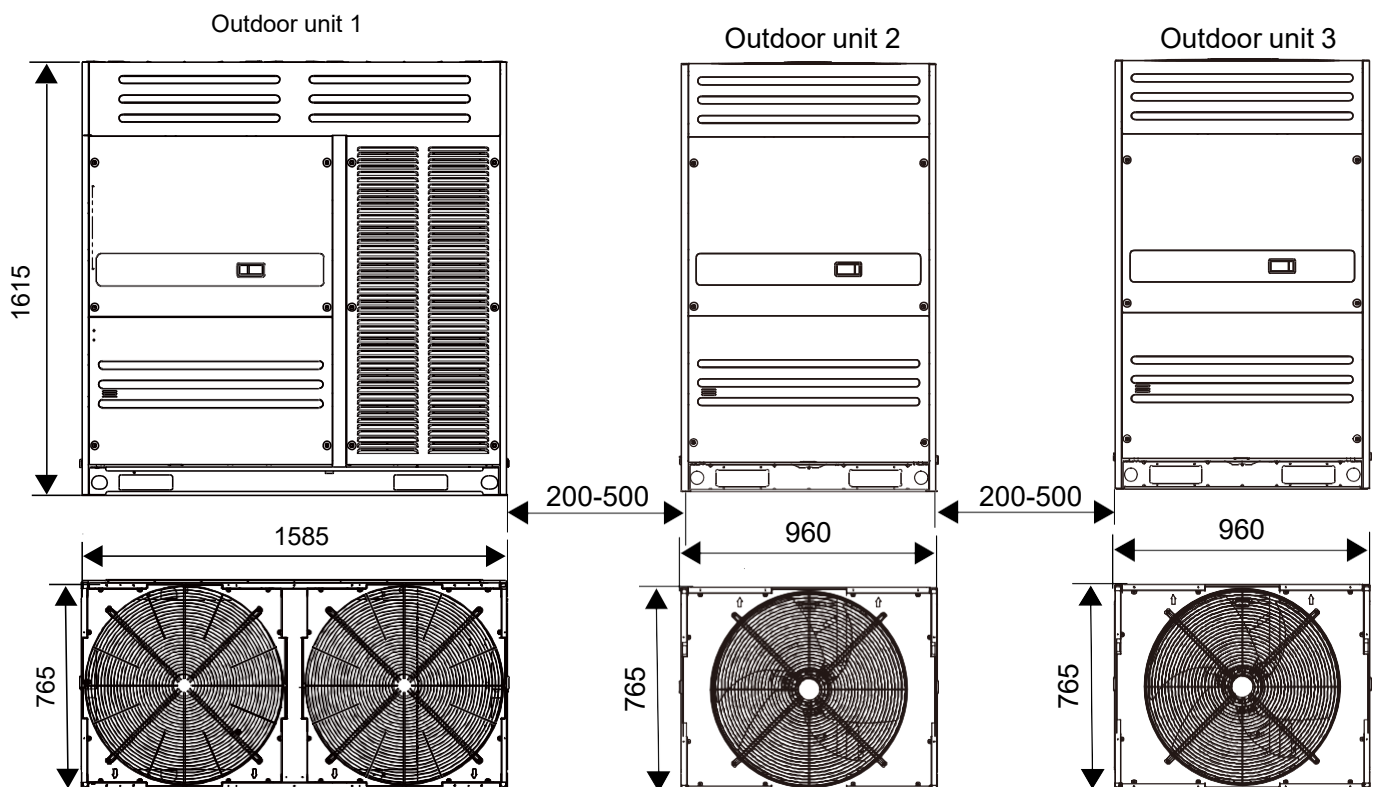
Potencia 22 ÷ 255 kW

Dimensions

54/56/58/60HP



62HP



AVC 6-73 (TR)

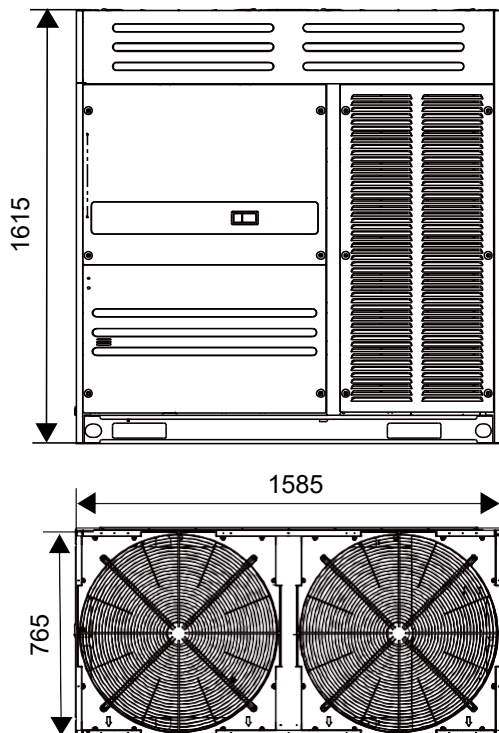
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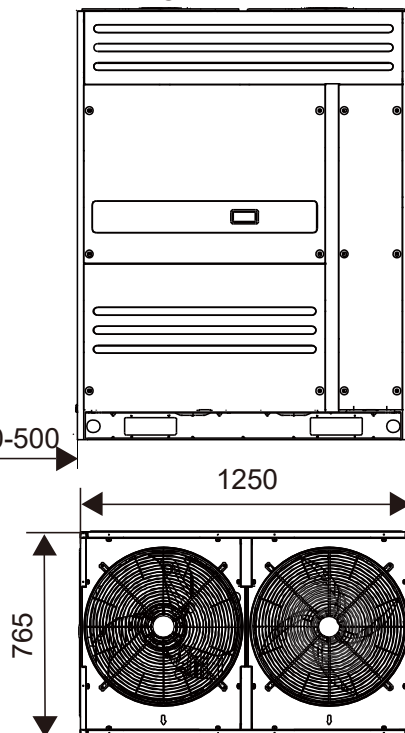
Potencia 22 ÷ 255 kW

64/66/68HP

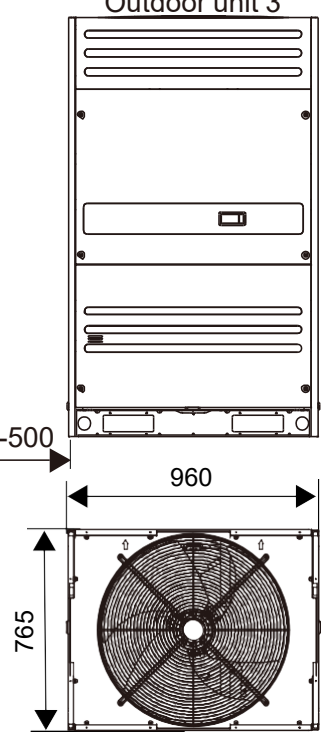
Outdoor unit 1



Outdoor unit 2

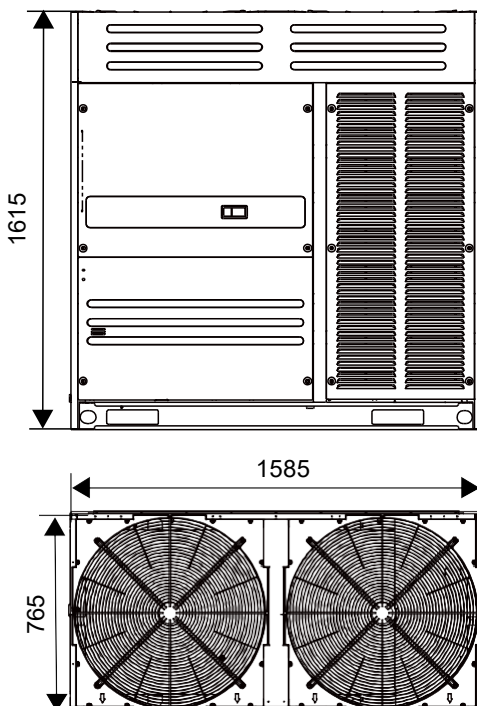


Outdoor unit 3

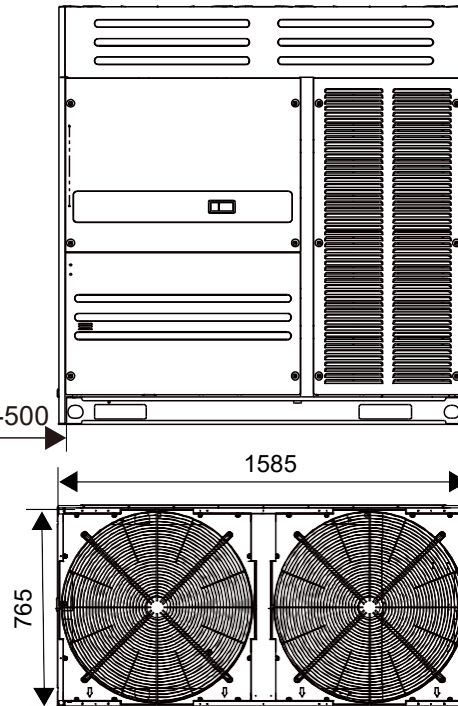


70/72/74/76HP

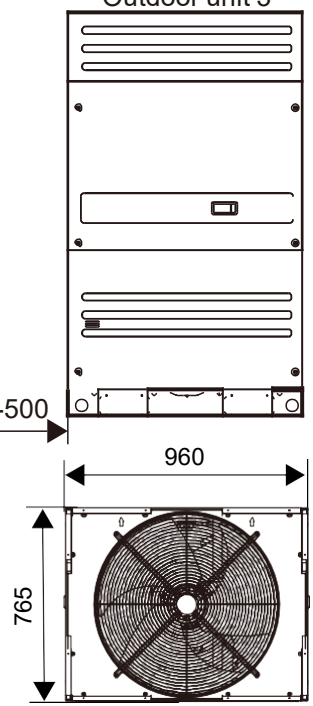
Outdoor unit 1



Outdoor unit 2



Outdoor unit 3



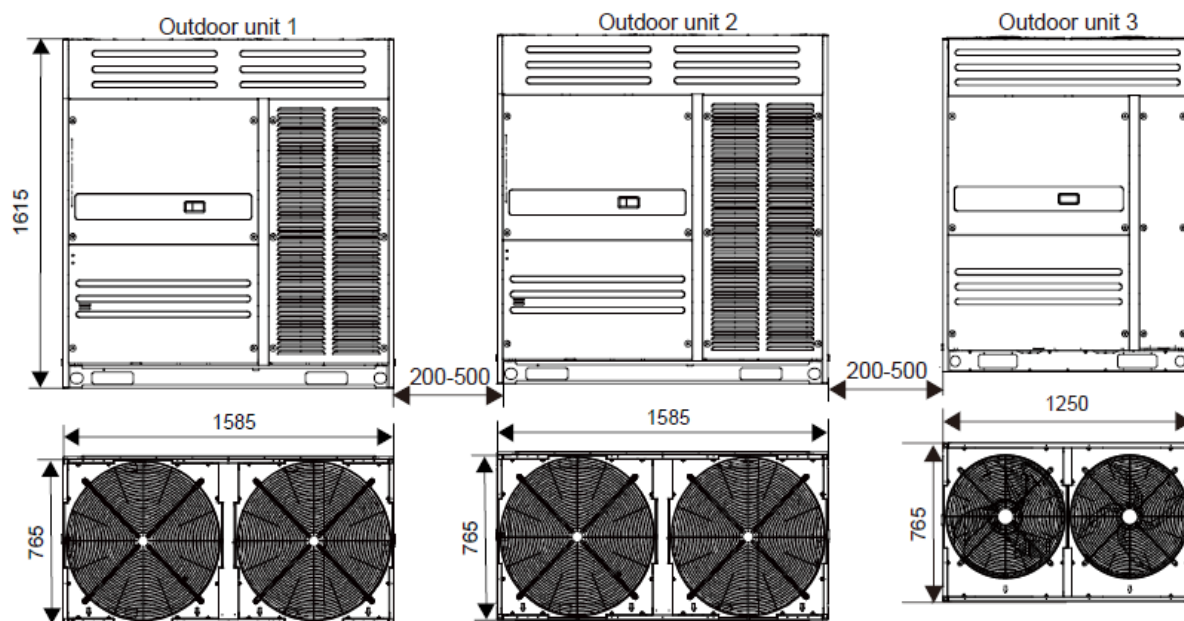
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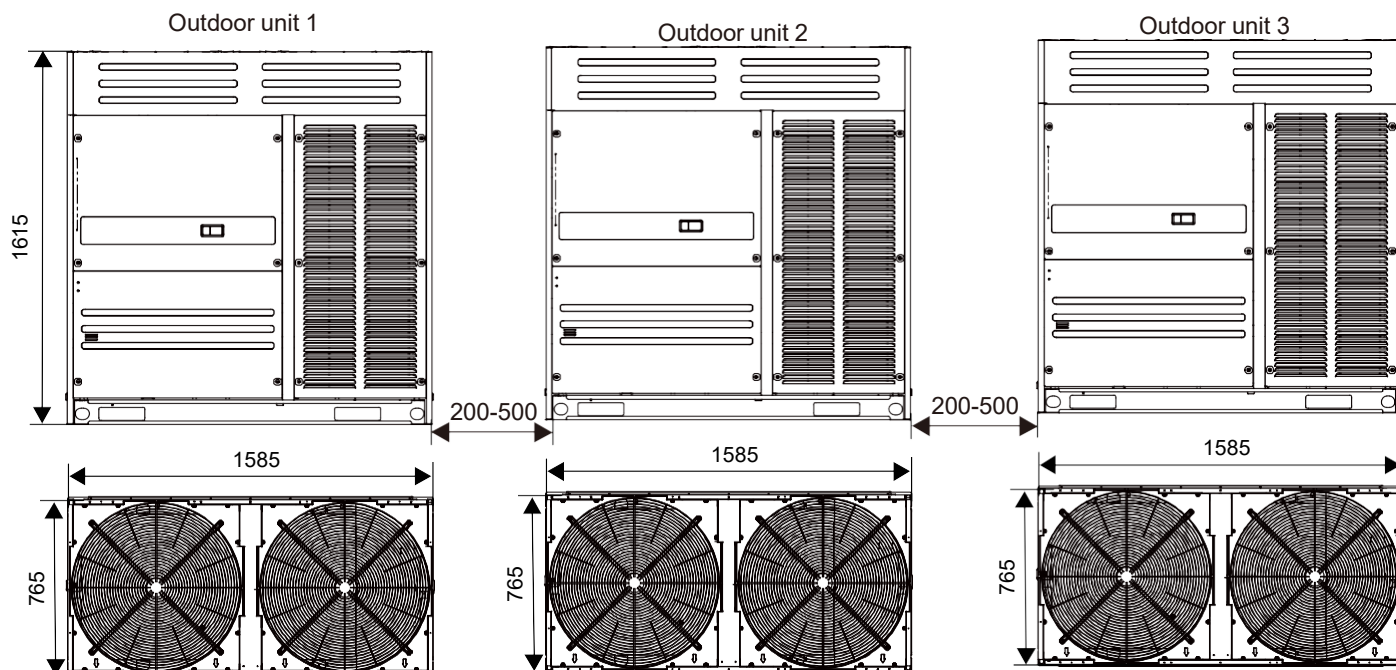
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78/80/82HP



84/86/88/90HP



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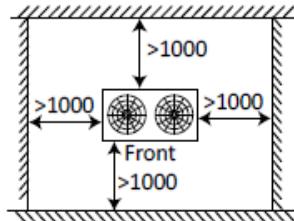
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Unidades exteriores expansión directa de refrigerante variable VRF

Potencia 22 ÷ 255 kW

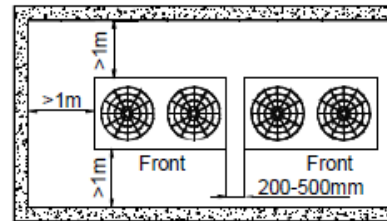
For single unit installation

Figure 2-3.1: Single unit installation (unit: mm)



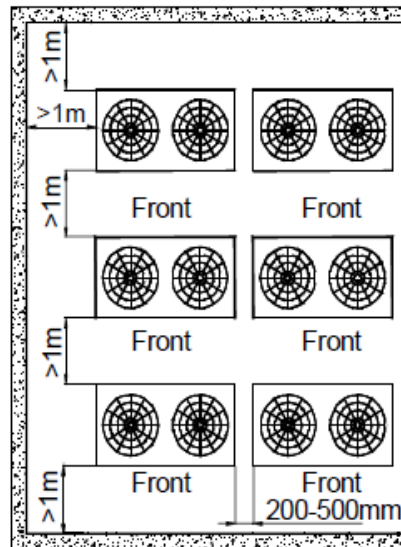
For single row installation

Figure 2-3.2: Single row installation (unit: mm)



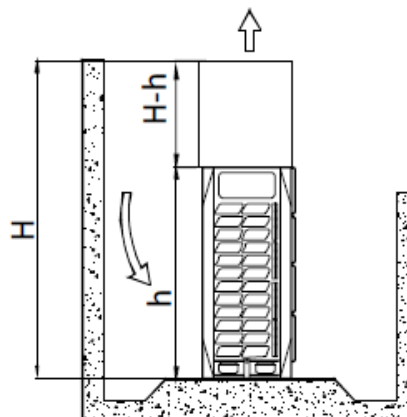
For multi-row installation

Figure 2-3.3: Multi-row installation (unit: mm)



Depending on the height of adjacent walls relative to the height of the units, ducting may be required to ensure proper air discharge. In the situation depicted in Figure 2-3.4, the vertical section of ducting should be at least H-h high.

Figure 2-3.4: Top of unit below top of adjacent wall



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Especificaciones unidades exteriores

HP			8	10	12	14
Model name			AVC-224WV2WN1	AVC-335WV2WN1	AVC-400WV2WN1	AVC-400WV2WN1
Combination type			/	/	/	/
Power supply			220/3/50(60)	220/3/50(60)	220/3/50(60)	220/3/50(60)
Cooling ¹	Capacity	kW	22.4	28.0	33.5	40.0
	kBtu/h	76.5	95.6	114.4	136.6	
	Power input	kW	5.25	7.10	8.90	10.30
	EER	Kw/Kw	4.27	3.94	3.76	3.88
Connected indoor unit	Total capacity	50-130%	50-130%	50-130%	50-130%	50-130%
Compressor	Maximum quantity	13	16	20	23	
	Type	DC inverter	DC inverter	DC inverter	DC inverter	
	Quantity	1	1	1	1	
Fan	Type	DC	DC	DC	DC	
	Quantity	1	1	1	1	
	Motor output	kW	0.56	0.56	0.56	0.75
	Static pressure	Pa(in.wg)	20(0.08) default;60(0.24) customization	20(0.08) default;60(0.24) customization	20(0.08) default;60(0.24) customization	20(0.08) default;60(0.24) customization
	Airflow rate	m ³ /h(CFM)	10400(6121)	10400(6121)	10800(6357)	11600(6828)
Refrigerant	Type	R410A	R410A	R410A	R410A	
	Factory charge	kg	8	9	10	11
	Liquid pipe	mm(inch)	Φ12.7(1/2)	Φ12.7(1/2)	Φ12.7(1/2)	Φ15.9(5/8)
Pipe connections ²	Gas pipe	mm(inch)	Φ25.4(1)	Φ25.4(1)	Φ28.6(1-1/8)	Φ31.8(1-1/4)
Sound pressure level ³		dB(A)	57	58	60	60
Net dimensions (W×H×D)		mm	960×1615×765	960×1615×765	960×1615×765	960×1615×765
Packed dimensions (W×H×D)		mm	1025×1790×830	1025×1790×830	1025×1790×830	1025×1790×830
Net weight		kg	193	193	193	200
		lbs	425	425	425	441
Gross weight		kg	209	209	209	216
		lbs	461	461	461	476
Ambient temp.	Cooling	°C (°F)	-5~55 (23~131)	-5~55 (23~131)	-5~55 (23~131)	-5~55 (23~131)

HP			16	18	20	22
Model name			AVC-450WV2WN1	AVC-500WV2WN1	AVC-560WV2WN1	AVC-615WV2WN1
Combination type			/	/	/	/
Power supply			220/3/50(60)	220/3/50(60)	220/3/50(60)	220/3/50(60)
Cooling ¹	Capacity	kW	45.0	50.0	56.0	61.5
	kBtu/h	153.7	170.8	191.3	210.0	
	Power input	kW	12.00	13.70	16.50	19.65
	EER	Kw/Kw	3.75	3.65	3.39	3.13
Connected indoor unit	Total capacity	50-130%	50-130%	50-130%	50-130%	50-130%
Compressor	Maximum quantity	26	29	33	36	
	Type	DC inverter	DC inverter	DC inverter	DC inverter	
	Quantity	2	2	2	2	
Fan	Type	DC	DC	DC	DC	
	Quantity	1	1	1	1	
	Motor output	kW	0.75	0.56×2	0.56×3	0.56×2
	Static pressure	Pa(in.wg)	20(0.08) default;60(0.24) customization	20(0.08) default;60(0.24) customization	20(0.08) default;60(0.24) customization	20(0.08) default;60(0.24) customization
	Airflow rate	m ³ /h(CFM)	11600(6828)	12000(7063)	12200(7181)	12200(7181)
Refrigerant	Type	R410A	R410A	R410A	R410A	
	Factory charge	kg	11	13	13	13
	Liquid pipe	mm(inch)	Φ15.9(5/8)	Φ15.9(5/8)	Φ15.9(5/8)	Φ15.9(5/8)
Pipe connections ²	Gas pipe	mm(inch)	Φ31.8(1-1/4)	Φ31.8(1-1/4)	Φ31.8(1-1/4)	Φ31.8(1-1/4)
Sound pressure level ³		dB(A)	61	62	63	63
Net dimensions (W×H×D)		mm	960×1615×765	1250×1615×765	1250×1615×765	1250×1615×765
Packed dimensions (W×H×D)		mm	1025×1790×830	1305×1790×820	1305×1790×820	1305×1790×820
Net weight		kg	200	296	296	296
		lbs	441	653	653	653
Gross weight		kg	216	313	313	313
		lbs	476	690	690	690
Ambient temp.	Cooling	°C (°F)	-5~55 (23~131)	-5~55 (23~131)	-5~55 (23~131)	-5~55 (23~131)

HP			24	26	28	30
Model name			AVC-670WV2WN1	AVC-730WV2WN1	AVC-785WV2WN1	AVC-850WV2WN1
Combination type			/	/	/	/
Power supply			220/3/50(60)	220/3/50(60)	220/3/50(60)	220/3/50(60)
Cooling ¹	Capacity	kW	67.0	73.0	78.5	85.0
	kBtu/h	228.8	249.3	268.1	290.3	
	Power input	kW	20.10	22.20	24.18	27.51
	EER	Kw/Kw	3.33	3.20	3.25	3.09
Connected indoor unit	Total capacity	50-130%	50-130%	50-130%	50-130%	50-130%
Compressor	Maximum quantity	39	43	46	50	
	Type	DC inverter	DC inverter	DC inverter	DC inverter	
	Quantity	2	2	2	2	
Fan	Type	DC	DC	DC	DC	
	Quantity	2	2	2	2	
	Motor output	kW	0.56×2	0.56×2	0.56×2	0.56×2
	Static pressure	Pa(in.wg)	20(0.08) default;60(0.24) customization	20(0.08) default;60(0.24) customization	20(0.08) default;60(0.24) customization	20(0.08) default;60(0.24) customization
	Airflow rate	m ³ /h(CFM)	19600(11536)	19600(11536)	20600(12125)	20600(12125)
Refrigerant	Type	R410A	R410A	R410A	R410A	
	Factory charge	kg	19	19	19	19
	Liquid pipe	mm(inch)	Φ19.1(3/4)	Φ19.1(3/4)	Φ19.1(3/4)	Φ19.1(3/4)
Pipe connections ²	Gas pipe	mm(inch)	Φ31.8(1-1/4)	Φ34.9(1-3/8)	Φ34.9(1-3/8)	Φ34.9(1-3/8)
Sound pressure level ³		dB(A)	64	64	64	64
Net dimensions (W×H×D)		mm	1585×1615×765	1585×1615×765	1585×1615×765	1585×1615×765
Packed dimensions (W×H×D)		mm	1650×1810×840	1650×1810×840	1650×1810×840	1650×1810×840
Net weight		kg	352	352	352	352
		lbs	776	776	776	776
Gross weight		kg	376	376	376	376
		lbs	829	829	829	829
Ambient temp.	Cooling	°C (°F)	-5~55 (23~131)	-5~55 (23~131)	-5~55 (23~131)	-5~55 (23~131)

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.
- Diameters given are those of the unit's stop valve.
- Sound pressure level is measured at a position 1m in front of the unit and 1.3m above the floor in a semi-anechoic chamber.

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Especificaciones unidades exteriores

HP			32	34	36	38
Model name			AVC-900WV2WN1	AVC-950WV2WN1	AVC-1010WV2WN1	AVC-1065WV2WN1
Combination type			16HP+16HP	22HP+12HP	20HP+16HP	22HP+16HP
Power supply		V/Ph/Hz	220/3/50(60)	220/3/50(60)	220/3/50(60)	220/3/50(60)
Cooling ¹	Capacity	kW	90.0	95.0	101.0	106.5
		kBtu/h	307.4	324.4	345.0	363.7
	Power input	kW	24.00	28.55	28.50	31.65
	EER	Kw/Kw	3.75	3.33	3.54	3.36
Connected indoor unit	Total capacity		50-130%	50-130%	50-130%	50-130%
Compressor	Maximum quantity		53	56	59	63
	Type		DC inverter	DC inverter	DC inverter	DC inverter
	Quantity		2	3	3	3
Fan	Type		DC	DC	DC	DC
	Quantity		2	3	3	3
	Motor output	kW	0.56×2	0.56×3	0.56×3	0.56×3
	Static pressure	Pa(in.wg)	20(0.08) default:60(0.24) customization	20(0.08) default:60(0.24) customization	20(0.08) default:60(0.24) customization	20(0.08) default:60(0.24) customization
	Airflow rate	m³/h(CFM)	23200(13655)	23000(13537)	23800(14008)	23800(14008)
	Drive type		Direct	Direct	Direct	Direct
Refrigerant	Type		R410A	R410A	R410A	R410A
Pipe connections ²	Factory charge	kg	11×2	13×8	13×11	13×11
	Liquid pipe	mm(inch)	Φ19.1(3/4)	Φ19.1(3/4)	Φ19.1(3/4)	Φ19.1(3/4)
	Gas pipe	mm(inch)	Φ31.8(1-1/4)	Φ31.8(1-1/4)	Φ38.1(1-1/2)	Φ38.1(1-1/2)
Sound pressure level ³		dB(A)	64	65	65	65
Net dimensions (W×H×D)		mm	(960×1615×765)×2	(1250×1615×765)×(960×1615×765)	(1250×1615×765)×(960×1615×765)	(1250×1615×765)×(960×1615×765)
Packed dimensions (W×H×D)		mm	(1025×1790×830)×2	(1305×1790×820)×(1025×1790×830)	(1305×1790×820)×(1025×1790×830)	(1305×1790×820)×(1025×1790×830)
Net weight		kg	200×2	296×193	296×200	296×200
		lbs	441×2	653×425	653×441	653×441
Gross weight		kg	216×2	313×209	313×216	313×216
		lbs	476×2	690×461	690×476	690×476
Ambient temp.	Cooling	°C (°F)	-5~55 (23~131)	-5~55 (23~131)	-5~55 (23~131)	-5~55 (23~131)

HP			40	42	44	46
Model name			AVC-1120WV2WN1	AVC-1180WV2WN1	AVC-1235WV2WN1	AVC-1300WV2WN1
Combination type			24HP+16HP	26HP+16HP	28HP+16HP	30HP+16HP
Power supply		V/Ph/Hz	220/3/50(60)	220/3/50(60)	220/3/50(60)	220/3/50(60)
Cooling ¹	Capacity	kW	112.0	118.0	123.5	130.0
		kBtu/h	363.7	363.7	363.7	444.0
	Power input	kW	32.10	34.20	36.18	39.51
	EER	Kw/Kw	3.49	3.45	3.41	3.29
Connected indoor unit	Total capacity		50-130%	50-130%	50-130%	50-130%
Compressor	Maximum quantity		64	64	64	66
	Type		DC inverter	DC inverter	DC inverter	DC inverter
	Quantity		3	3	3	3
Fan	Type		DC	DC	DC	DC
	Quantity		3	3	3	3
	Motor output	kW	0.56×2+0.75	0.56×2+0.75	0.56×2+0.75	0.56×2+0.75
	Static pressure	Pa(in.wg)	20(0.08) default:60(0.24) customization	20(0.08) default:60(0.24) customization	20(0.08) default:60(0.24) customization	20(0.08) default:60(0.24) customization
	Airflow rate	m³/h(CFM)	31200(18364)	31200(18364)	32200(18952)	32200(18952)
	Drive type		Direct	Direct	Direct	Direct
Refrigerant	Type		R410A	R410A	R410A	R410A
Pipe connections ²	Factory charge	kg	19×11	19×11	19×11	19×11
	Liquid pipe	mm(inch)	Φ19.1(3/4)	Φ19.1(3/4)	Φ19.1(3/4)	Φ19.1(3/4)
	Gas pipe	mm(inch)	Φ38.1(1-1/2)	Φ38.1(1-1/2)	Φ38.1(1-1/2)	Φ38.1(1-1/2)
Sound pressure level ³		dB(A)	65	65	66	66
Net dimensions (W×H×D)		mm	(1585×1615×765)×(960×1615×765)	(1585×1615×765)×(960×1615×765)	(1585×1615×765)×(960×1615×765)	(1585×1615×765)×(960×1615×765)
Packed dimensions (W×H×D)		mm	(1650×1810×840)×(1025×1790×830)	(1650×1810×840)×(1025×1790×830)	(1650×1810×840)×(1025×1790×830)	(1650×1810×840)×(1025×1790×830)
Net weight		kg	352×200	352×200	352×200	352×200
		lbs	776×441	776×441	776×441	776×441
Gross weight		kg	376×216	376×216	376×216	376×216
		lbs	829×476	829×476	829×476	829×476
Ambient temp.	Cooling	°C (°F)	-5~55 (23~131)	-5~55 (23~131)	-5~55 (23~131)	-5~55 (23~131)

HP			48	50	52	54
Model name			AVC-1345WV2WN1	AVC-1400WV2WN1	AVC-1465WV2WN1	AVC-1515WV2WN1
Combination type			26HP+22HP	28HP+22HP	28HP+22HP	28HP+22HP
Power supply		V/Ph/Hz	220/3/50(60)	220/3/50(60)	220/3/50(60)	220/3/50(60)
Cooling ¹	Capacity	kW	134.5	140.0	146.5	151.5
		kBtu/h	459.3	478.1	500.1	517.4
	Power input	kW	41.85	43.83	47.1 _{6,3,3}	46.38
	EER	Kw/Kw	3.21	3.19	3.11	3.27
Connected indoor unit	Total capacity		50-130%	50-130%	50-130%	50-130%
Compressor	Maximum quantity		66	66	66	64
	Type		DC inverter	DC inverter	DC inverter	DC inverter
	Quantity		4	4	4	4
Fan	Type		DC	DC	DC	DC
	Quantity		4	4	4	4
	Motor output	kW	0.56×4	0.56×4	0.56×4	0.56×4
	Static pressure	Pa(in.wg)	20(0.08) default:60(0.24) customization	20(0.08) default:60(0.24) customization	20(0.08) default:60(0.24) customization	20(0.08) default:60(0.24) customization
	Airflow rate	m³/h(CFM)	31800(18717)	32800(19305)	32800(19305)	40200(23661)
	Drive type		Direct	Direct	Direct	Direct
Refrigerant	Type		R410A	R410A	R410A	R410A
Pipe connections ²	Factory charge	kg	19×13	19×13	19×13	19×2
	Liquid pipe	mm(inch)	Φ19.1(3/4)	Φ19.1(3/4)	Φ19.1(3/4)	Φ19.1(3/4)
	Gas pipe	mm(inch)	Φ38.1(1-1/2)	Φ38.1(1-1/2)	Φ38.1(1-1/2)	Φ38.1(1-1/2)
Sound pressure level ³		dB(A)	66	66	66	66
Net dimensions (W×H×D)		mm	(1585×1615×765)×(1250×1615×765)	(1585×1615×765)×(1250×1615×765)	(1585×1615×765)×(1250×1615×765)	(1585×1615×765)×2
Packed dimensions (W×H×D)		mm	(1650×1810×840)×(1305×1790×820)	(1650×1810×840)×(1305×1790×820)	(1650×1810×840)×(1305×1790×820)	(1650×1810×840)×2
Net weight		kg	352×296	352×296	352×296	352×2
		lbs	776×653	776×653	776×653	776×2
Gross weight		kg	376×313	376×313	376×313	376×2
		lbs	829×690	829×690	829×690	829×2
Ambient temp.	Cooling	°C (°F)	-5~55 (23~131)	-5~55 (23~131)	-5~55 (23~131)	-5~55 (23~131)

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.
- Diameters given are those of the unit's stop valve.
- Sound pressure level is measured at a position 1m in front of the unit and 1.3m above the floor in a semi-anechoic chamber.



AVC 6-73 (TR)

Cooling Only 208V-230 ~ 3N ~60Hz

Potencia 22 ÷ 255 kW

Especificaciones unidades exteriores

HP				56	58	60	62
Model name				AVC-1570WV2WN1	AVC-1635WV2WN1	AVC-1700WV2WN1	AVC-1750WV2WN1
Combination type				28HP+28HP	30HP+28HP	30HP+30HP	30HP+16HP+16HP
Power supply				220/3/50(60)	220/3/50(60)	220/3/50(60)	220/3/50(60)
Cooling ¹	Capacity	V/Ph/Hz		157.0	163.5	170.0	175.0
		kW		536.2	558.4	580.6	597.8
		kBTu/h		48.36	51.69	55.02	51.51
		EER		3.25	3.16	3.09	3.40
Connected indoor unit		Total capacity	50-130%	50-130%	50-130%	50-130%	
		Maximum quantity	64	64	64	64	
Compressor	Type	DC inverter		DC inverter	DC inverter	DC inverter	
	Quantity	4		4	4	4	
	Type	DC		DC	DC	DC	
	Quantity	4		4	4	4	
Fan	Motor output	0.56×4		0.56×4	0.56×4	0.56×2+0.75×2	
	Static pressure	Pa(In.wg)		20(0.08) default;60(0.24) customization	20(0.08) default;60(0.24) customization	20(0.08) default;60(0.24) customization	20(0.08) default;60(0.24) customization
	Airflow rate	m ³ /h(CFM)		41200(24250)	41200(24250)	41200(24250)	43800(25780)
	Drive type	Direct		Direct	Direct	Direct	
Refrigerant	Type	R410A		R410A	R410A	R410A	
	Factory charge	19×2		19×2	19×2	19×11×2	
Pipe connections ²	Liquid pipe	mm(inch)		Φ19.1(3/4)	Φ19.1(3/4)	Φ19.1(3/4)	Φ19.1(3/4)
	Gas pipe	mm(inch)		Φ41.2(1-5/8)	Φ41.2(1-5/8)	Φ41.2(1-5/8)	Φ41.2(1-5/8)
Sound pressure level ³		dB(A)		66	66	66	66
Net dimensions (W×H×D)		mm		(1585×1615×765)×2	(1585×1615×765)×2	(1585×1615×765)×2	(1585×1615×765)×(960×1615×765)×2
Packed dimensions (W×H×D)		mm		(1650×1810×840)×2	(1650×1810×840)×2	(1650×1810×840)×2	(1650×1810×840)×(1025×1790×830)×2
Net weight		kg		352×2	352×2	352×2	352×200×2
		lbs		776×2	776×2	776×2	776×441×2
Gross weight		kg		376×2	376×2	376×2	376×216×2
		lbs		829×2	829×2	829×2	829×476×2
Ambient temp.		Cooling	°C (°F)	-5~55 (23~131)	-5~55 (23~131)	-5~55 (23~131)	-5~55 (23~131)

HP				64	66	68	70
Model name				AVC-1795WV2WN1	AVC-1850WV2WN1	AVC-1915WV2WN1	AVC-1965WV2WN1
Combination type				28HP+22HP+16HP	28HP+22HP+16HP	30HP+22HP+16HP	28HP+28HP+16HP
Power supply				220/3/50(60)	220/3/50(60)	220/3/50(60)	220/3/50(60)
Cooling ¹	Capacity	V/Ph/Hz		179.5	185.0	191.5	196.5
		kW		613.0	631.8	654.1	671.1
		kBTu/h		53.85	55.83	59.16	58.38
		EER		3.33	3.31	3.24	3.37
Connected indoor unit				Total capacity 50-130%	50-130%	50-130%	50-130%
Compressor	Maximum quantity		64	64	64	64	
	Type		DC inverter	DC inverter	DC inverter	DC inverter	
	Quantity		5	5	5	5	
	Type		DC	DC	DC	DC	
Fan	Quantity		5	5	5	5	
	Motor output	kW	0.56+4+0.75	0.56+4+0.75	0.56+4+0.75	0.56+4+0.75	
	Static pressure	Pa(In.wg)	20(0.08) default:60(0.24) customization	20(0.08) default:60(0.24) customization	20(0.08) default:60(0.24) customization	20(0.08) default:60(0.24) customization	
	Airflow rate	m ³ /h(CFM)	43400(25544)	44400(26133)	44400(26133)	51800(30489)	
Refrigerant	Drive type		Direct	Direct	Direct	Direct	
	Type		R410A	R410A	R410A	R410A	
	Factory charge	kg	19+13+11	19+13+11	19+13+11	19+2+11	
	Liquid pipe	mm(inch)	Φ19.1(3/4)	Φ19.1(3/4)	Φ22.2(7/8)	Φ22.2(7/8)	
Pipe connections ²	Gas pipe	mm(inch)	Φ41.2(1-5/8)	Φ41.2(1-5/8)	Φ44.5(1-3/4)	Φ44.5(1-3/4)	
Sound pressure level ³				66	66	67	67
Net dimensions (W×H×D)				(1585×1615×765)×(1250×1615×765)×(960×1615×765)	(1585×1615×765)×(1250×1615×765)×(960×1615×765)	(1585×1615×765)×(1250×1615×765)×(960×1615×765)	(1585×1615×765)×2+21×(1250×1615×765)
Packed dimensions (W×H×D)				(1650×1810×840)×(1305×1790×820)×(1025×1790×830)	(1650×1810×840)×(1305×1790×820)×(1025×1790×830)	(1650×1810×840)×(1305×1790×820)×(1025×1790×830)	(1650×1810×840)×2+21×(1305×1790×820)
Net weight				352×296×200	352×296×200	352×296×200	352×2×200
Gross weight	lbs		776+653+441	776+653+441	776+653+441	776+653+441	
	kg		376+313+216	376+313+216	376+313+216	376+2+216	
	lbs		829+690+476	829+690+476	829+690+476	829+2+476	
Ambient temp.				Cooling	Cooling	Cooling	Cooling
				°C (°F)	-5~55 (23~131)	-5~55 (23~131)	-5~55 (23~131)

HP			72	74	76	78
Model name			AVC-2020WV2WN1	AVC-2085WV2WN1	AVC-2150WV2WN1	AVC-2185WV2WN1
Combination type			28HP+28HP+16HP	30HP+28HP+16HP	30HP+30HP+16HP	28HP+28HP+22HP
Power supply			220/3/50(60)	220/3/50(60)	220/3/50(60)	220/3/50(60)
Cooling ¹	Capacity	V/Ph/Hz	kW	202.0	208.5	215.0
			kBtu/h	689.9	712.2	734.4
			kW	60.36	63.69	67.02
			EER	3.35	3.27	3.21
Connected indoor unit			Total capacity	50-130%	50-130%	50-130%
			Maximum quantity	64	64	64
Compressor	Type		DC inverter	DC inverter	DC inverter	DC inverter
	Quantity		5	5	5	5
	Type		DC	DC	DC	DC
	Quantity		5	5	5	5
Fan	Motor output		0.56+4~0.75	0.56+4~0.75	0.56+4~0.75	0.56+5
	Static pressure		Pa(in.wg)	20(0.08) default;60(0.24) customization	20(0.08) default;60(0.24) customization	20(0.08) default;60(0.24) customization
	Airflow rate		m ³ /h(CFM)	52800(31077)	52800(31077)	52800(31077)
	Drive type		Direct	Direct	Direct	Direct
Refrigerant	Factory		R410A	R410A	R410A	R410A
	Type charge		kg	19×2+11	19×2+11	19×2+11
	Liquid pipe		mm(inch)	Φ22.2(7/8)	Φ22.2(7/8)	Φ22.2(7/8)
	Gas pipe		mm(inch)	Φ44.5(1-3/4)	Φ44.5(1-3/4)	Φ44.5(1-3/4)
Sound pressure level ³			dB(A)	67	68	68
Net dimensions (W×H×D)			mm	(1585×1615×765)×2+(960×1615×765)	(1585×1615×765)×2+(960×1615×765)	(1585×1615×765)×2+(1250×1615×765)
Packed dimensions (W×H×D)			mm	(1650×1810×840)×2+(1025×1790×830)	(1650×1810×840)×2+(1025×1790×830)	(1650×1810×840)×2+(1305×1790×820)
Net weight			lbs	352×2+200	352×2+200	352×2+296
			kg	776×2+441	776×2+441	776×2+653
Gross weight			lbs	376×2+216	376×2+216	376×2+313
			kg	829×2+476	829×2+476	829×2+690
Ambient temp.			C(°F)	-5~55 (23~131)	-5~55 (23~131)	-5~55 (23~131)
			Cooling			

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.
- Diameters given are those of the unit's stop valve.
- Sound pressure level is measured at a position 1m in front of the unit and 1.3m above the floor in a semi-anechoic chamber.



AVC 6-73 (TR)

Cooling Only 208V-230 ~ 3N ~60Hz

Unidades exteriores expansión directa de refrigerante variable VRF

Potencia 22 ÷ 255 kW

Especificaciones unidades exteriores

HP			80	82	84
Model name			AVC-2255WV2WN1	AVC-2315WV2WN1	AVC-2355WV2WN1
Combination type			30HP+28HP+22HP	30HP+30HP+22HP	28HP+28HP+28HP
Power supply			V/Ph/Hz	220/3/50(60)	220/3/50(60)
Cooling ¹	Capacity	kW	225,0	231,5	235,5
		kBtu/h	768,4	790,6	804,3
	Power input	kW	71,34	74,67	72,54
	EER	Kw/Kw	3,15	3,10	3,25
Connected indoor unit			Total capacity	50-130%	50-130%
			Maximum quantity	64	64
Compressor			Type	DC inverter	DC inverter
			Quantity	6	6
Fan			Type	DC	DC
			Quantity	6	6
			Motor output	0.56×6	0.56×6
			Static pressure	Pa(in.wg)	20(0.08) default;60(0.24) customization
			Airflow rate	m ³ /h(CFM)	53400(31430)
			Drive type	Direct	Direct
Refrigerant			Type	R410A	R410A
			Factory charge	19×2+13	19×3
Pipe connections ²			Liquid pipe	mm(inch)	Φ22.2(7/8)
			Gas pipe	mm(inch)	Φ44.5(1-3/4)
Sound pressure level ³			dB(A)	68	68
Net dimensions (W×H×D)			mm	(1585×1615×765)×2+(1250×1615×765)	(1585×1615×765)×3
Packed dimensions (W×H×D)			mm	(1650×1810×840)×2+(1305×1790×820)	(1650×1810×840)×3
Net weight			kg	352×2+296	352×3
			lbs	776×2+653	776×3
Gross weight			kg	376×2+313	376×3
			lbs	829×2+690	829×3
Ambient temp.			Cooling	°C (°F)	-5~55 (23~131)

HP			86	88	90
Model name			AVC-2420WV2WN1	AVC-2485WV2WN1	AVC-2550WV2WN1
Combination type			30HP+28HP+28HP	30HP+30HP+28HP	30HP+30HP+30HP
Power supply			V/Ph/Hz	220/3/50(60)	220/3/50(60)
Cooling ¹	Capacity	kW	242,0	248,5	255,0
		kBtu/h	826,5	848,7	870,9
	Power input	kW	75,87	79,20	82,53
	EER	Kw/Kw	3,19	3,14	3,09
Connected indoor unit			Total capacity	50-130%	50-130%
			Maximum quantity	64	64
Compressor			Type	DC inverter	DC inverter
			Quantity	6	6
Fan			Type	DC	DC
			Quantity	6	6
			Motor output	0.56×6	0.56×6
			Static pressure	Pa(in.wg)	20(0.08) default;60(0.24) customization
			Airflow rate	m ³ /h(CFM)	61800(36374)
			Drive type	Direct	Direct
Refrigerant			Type	R410A	R410A
			Factory charge	19×3	19×3
Pipe connections ²			Liquid pipe	mm(inch)	Φ25.4(1)
			Gas pipe	mm(inch)	Φ50.8(2)
Sound pressure level ³			dB(A)	68	68
Net dimensions (W×H×D)			mm	(1585×1615×765)×3	(1585×1615×765)×3
Packed dimensions (W×H×D)			mm	(1650×1810×840)×3	(1650×1810×840)×3
Net weight			kg	352×3	352×3
			lbs	776×3	776×3
Gross weight			kg	376×3	376×3
			lbs	829×3	829×3
Ambient temp.			Cooling	°C (°F)	-5~55 (23~131)

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. Diameters given are those of the unit's stop valve.
4. Sound pressure level is measured at a position 1m in front of the unit and 1.3m above the floor in a semi-anechoic chamber.

