



8/10 HP



12/14/16 HP



Motor DC Inverter



Compresor de alta eficiencia



Supersilencioso



Calefacción -15 °C



Aleta azul



Protección 3 minutos

Modelo			AV08IMVUSA	AV10IMVUSA	AV12IMVUSA	AV14IMVUSA	AV16IMVUSA	AV18IMVUSA	AV20IMVUSA	AV22IMVUSA	AV24IMVUSA	
Modelos combinables			/	/	/	/	/	AV08IMVUSA	AV10IMVUSA	AV10IMVUSA	AV10IMVUSA	
			/	/	/	/	/	AV10IMVUSA	AV10IMVUSA	AV12IMVUSA	AV14IMVUSA	
			/	/	/	/	/	/	/	/	/	/
Capacidad nominal	Rango de capacidad	HP	8	10	12	14	16	18	20	22	24	
	Refrigeración	kW	22.4	28	33.5	40	45	50.4	56	61.5	68	
	Calefacción	kW	25	31.5	37.5	45	50	56.5	63	69	76.5	
Alimentación	Tensión eléctrica	Fase/V/Hz	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	
	Refrigeración	Potencia nominal	kW	5.81	7.55	9.18	12.3	14.1	13.36	15.1	16.73	19.85
		Máxima potencia	kW	12.37	14.7	17.54	18.55	20.48	27.07	29.4	32.24	33.25
		Corriente nominal	A	9.49	12.33	15.00	20.10	23.04	21.83	24.67	27.33	32.43
		Corriente máxima	A	19.85	23.4	27.9	29.5	32.37	43.25	46.8	51.3	52.9
	Calefacción	Potencia nominal	kW	6.1	7.97	9.15	11.1	13.5	14.07	15.94	17.12	19.07
		Máxima potencia	kW	9.77	11.9	14.6	16.6	17.8	21.67	23.8	26.5	28.5
		Corriente nominal	A	9.97	13.02	14.95	18.13	22.06	22.99	26.04	27.97	31.16
		Corriente máxima	A	15.7	19	23.3	26.5	28.4	34.7	38	42.3	45.5
	EER		3.86	3.71	3.65	3.25	3.19	3.77	3.71	3.68	3.43	
COP		4.10	3.95	4.10	4.05	3.70	4.02	3.95	4.03	4.01		
Rendimiento	Caudal de aire	m³/h	11100	11100	14100	14100	14100	22200	22200	25200	25200	
	Presión sonora	dB(A)	57	57	60	60	60	60	60	61	61	
Dimensiones y peso	Netas (An/Pr/Al)	mm	990/750/1808	990/750/1808	1390/1808/750	1390/1808/750	1390/1808/750	990/750/1808+990/750/1808	990/750/1808+990/750/1808	990/750/1808+1390/750/1808	990/750/1808+1390/750/1808	
	Embalaje (An/Pr/Al)	mm	1090/860/1990	1090/860/1990	1490/1990/860	1490/1990/860	1490/1990/860	1090/860/1990+1090/860/1990	1090/860/1990+1090/860/1990	1090/860/1990+1490/860/1990	1090/860/1990+1490/860/1990	
	Neto/bruto	kg	240/268	240/268	368/393	368/393	368/393	480/536	480/536	608/661	608/641	
Datos de instalación	Tipo de compresor		DC INV SCROLL	DC INV SCROLL	DC INV SCROLL	DC INV SCROLL	DC INV SCROLL	DC INV SCROLL	DC INV SCROLL	DC INV SCROLL	DC INV SCROLL	
	Marca del compresor		M.E.	M.E.	M.E.	M.E.	M.E.	M.E.	M.E.	M.E.	M.E.	
	Nº de compresores		1 INV	1 INV	1 INV+1 FIX	1 INV+1 FIX	1 INV+1 FIX	1 INV+1 INV	1 INV+1 INV	(1 INV)+1 INV+1 FIX	(1 INV)+1 INV+1 FIX	
	Refrigerante		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	
	Carga de refrigerante	kg	10	10	10	10	10	20	20	20	20	
	Línea de líquido	Pulg./mm	3/8" / 9.52	3/8" / 9.52	1/2" / 12.7	1/2" / 12.7	1/2" / 12.7	5/8" / 15.88	5/8" / 15.88	5/8" / 15.88	5/8" / 15.88	
	Línea de gas	Pulg./mm	3/4" / 19.05	7/8" / 22.22	1" / 25.4	1" / 25.4	1 1/8" / 28.58	1 1/8" / 28.58	1 1/8" / 28.58	1 1/8" / 28.58	1 1/8" / 28.58	
	Tubería de equalización de aceite	mm	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52	
	Longitud máxima tuberías	m	300	300	300	300	300	300	300	300	300	
	Desnivel máximo tuberías	m	50/40	50/40	50/40	50/40	50/40	50/40	50/40	50/40	50/40	
Presión estática externa	Pa	50	50	50	50	50	50	50	50	50		
Ratio de conexión	Simultaneidad de unidades interiores	%	50-130	50-130	50-130	50-130	50-130	50-130	50-130	50-130	50-130	
	Nº máx. unidades interiores		13	16	19	23	26	29	33	36	39	
Rango de temperatura	Refrigeración	°C	-5-43	-5-43	-5-43	-5-43	-5-43	-5-43	-5-43	-5-43	-5-43	
	Calefacción	°C	-15-21	-15-21	-15-21	-15-21	-15-21	-15-21	-15-21	-15-21	-15-21	

	AV26IMVUSA	AV28IMVUSA	AV30IMVUSA	AV32IMVUSA	AV34IMVUSA	AV36IMVUSA	AV38IMVUSA	AV40IMVUSA	AV42IMVUSA	AV44IMVUSA	AV46IMVUSA	AV48IMVUSA
	AV10IMVUSA	AV14IMVUSA	AV14IMVUSA	AV16IMVUSA	AV10IMVUSA	AV10IMVUSA	AV10IMVUSA	AV10IMVUSA	AV10IMVUSA	AV12IMVUSA	AV14IMVUSA	AV16IMVUSA
	AV16IMVUSA	AV14IMVUSA	AV16IMVUSA	AV16IMVUSA	AV10IMVUSA	AV10IMVUSA	AV14IMVUSA	AV14IMVUSA	AV16IMVUSA	AV16IMVUSA	AV16IMVUSA	AV16IMVUSA
	/	/	/	/	AV14IMVUSA	AV16IMVUSA	AV14IMVUSA	AV16IMVUSA	AV16IMVUSA	AV16IMVUSA	AV16IMVUSA	AV16IMVUSA
	26	28	30	32	34	36	38	40	42	44	46	48
	73	80	85	90	96	101	106.5	113	118	123.5	130	135
	81.5	90	95	100	108	113	119	126.5	131.5	137.5	145	150
	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60	3/380-400/50/60
	21.65	24.6	26.4	28.2	27.4	29.2	30.83	33.95	35.75	37.38	40.5	42.3
	35.18	37.1	39.03	40.96	47.95	49.88	52.72	53.73	55.66	58.5	59.51	61.44
	35.37	40.19	43.13	46.07	44.76	47.71	50.37	55.47	58.41	61.07	66.17	69.11
	55.77	59	61.87	64.74	76.3	79.17	83.67	85.27	88.14	92.64	94.24	97.11
	21.47	22.2	24.6	27	27.04	29.44	30.62	32.57	34.97	36.15	38.1	40.5
	29.7	33.2	34.4	35.6	40.4	41.6	44.3	46.3	47.5	50.2	52.2	53.4
	35.08	36.27	40.19	44.11	44.18	48.10	50.03	53.21	57.13	59.06	62.25	66.17
	47.4	53	54.9	56.8	64.5	66.4	70.7	73.9	75.8	80.1	83.3	85.2
	3.37	3.25	3.22	3.19	3.50	3.46	3.45	3.33	3.30	3.30	3.21	3.19
	3.80	4.05	3.86	3.70	3.99	3.84	3.89	3.88	3.76	3.80	3.81	3.70
	25200	28200	28200	28200	36300	36300	39300	39300	39300	42300	42300	42300
	61	62	62	62	63	63	63	63	63	64	64	64
	990/750/1808+ 1390/750/1808	1390/750/1808+ 1390/750/1808	1390/750/1808+ 1390/750/1808	1390/750/1808+ 1390/750/1808	990/750/1808+ 990/750/1808+ 1390/750/1808	990/750/1808+ 990/750/1808+ 1390/750/1808	990/750/1808+ 1390/750/1808+ 1390/750/1808	990/750/1808+ 1390/750/1808+ 1390/750/1808	990/750/1808+ 1390/750/1808+ 1390/750/1808	1390/750/1808+ 1390/750/1808+ 1390/750/1808	1390/750/1808+ 1390/750/1808+ 1390/750/1808	1390/750/1808+ 1390/750/1808+ 1390/750/1808
	1090/860/1990+ 1490/860/1990	1490/860/1990+ 1490/860/1990	1490/860/1990+ 1490/860/1990	1490/860/1990+ 1490/860/1990	1090/860/1990+ 1090/860/1990+ 1490/860/1990	1090/860/1990+ 1090/860/1990+ 1490/860/1990	1090/860/1990+ 1490/860/1990+ 1490/860/1990	1090/860/1990+ 1490/860/1990+ 1490/860/1990	1090/860/1990+ 1490/860/1990+ 1490/860/1990	1490/860/1990+ 1490/860/1990+ 1490/860/1990	1490/860/1990+ 1490/860/1990+ 1490/860/1990	1490/860/1990+ 1490/860/1990+ 1490/860/1990
	608/641	736/786	736/786	736/786	848/929	848/929	976/1054	976/1054	976/1054	1104/1179	1104/1179	1104/1179
	DC INV SCROLL	DC INV SCROLL	DC INV SCROLL	DC INV SCROLL	DC INV SCROLL	DC INV SCROLL	DC INV SCROLL	DC INV SCROLL	DC INV SCROLL	DC INV SCROLL	DC INV SCROLL	DC INV SCROLL
	M.E.	M.E.	M.E.	M.E.	M.E.	M.E.	M.E.	M.E.	M.E.	M.E.	M.E.	M.E.
	(1 INV) +(1 INV+1 FIX)	(1 INV+1 FIX) +(1 INV+1 FIX)	(1 INV+1 FIX) +(1 INV+1 FIX)	(1 INV+1 FIX) +(1 INV+1 FIX)	(1 INV+1 FIX) +(1 INV+1 FIX)	(1 INV+1 FIX) +(1 INV+1 FIX)	1 INV +(1 INV+1 FIX) +(1 INV+1 FIX)	1 INV +(1 INV+1 FIX) +(1 INV+1 FIX)	1 INV +(1 INV+1 FIX) +(1 INV+1 FIX)	(1 INV+1 FIX) +(1 INV+1 FIX) +(1 INV+1 FIX)	(1 INV+1 FIX) +(1 INV+1 FIX) +(1 INV+1 FIX)	(1 INV+1 FIX) +(1 INV+1 FIX) +(1 INV+1 FIX)
	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
	20	20	20	20	30	30	30	30	30	30	30	30
	3/4" / 19.05	3/4" / 19.05	3/4" / 19.05	3/4" / 19.05	3/4" / 19.05	3/4" / 19.05	3/4" / 19.05	3/4" / 19.05	3/4" / 19.05	3/4" / 19.05	3/4" / 19.05	3/4" / 19.05
	11/4" / 31.8	11/4" / 31.8	11/4" / 31.8	11/4" / 31.8	11/4" / 31.8	11/2" / 38.1	11/2" / 38.1	11/2" / 38.1	11/2" / 38.1	11/2" / 38.1	11/2" / 38.1	11/2" / 38.1
	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52	9.52
	300	300	300	300	300	300	300	300	300	300	300	300
	50/40	50/40	50/40	50/40	50/40	50/40	50/40	50/40	50/40	50/40	50/40	50/40
	50	50	50	50	50	50	50	50	50	50	50	50
	50-130	50-130	50-130	50-130	50-130	50-130	50-130	50-130	50-130	50-130	50-130	50-130
	43	46	50	53	56	59	63	64	64	64	64	64
	-5-43	-5-43	-5-43	-5-43	-5-43	-5-43	-5-43	-5-43	-5-43	-5-43	-5-43	-5-43
	-15-21	-15-21	-15-21	-15-21	-15-21	-15-21	-15-21	-15-21	-15-21	-15-21	-15-21	-15-21

Todas las especificaciones son probadas en condiciones normales (en refrigeración, con una temperatura interior de 27° C (DB)/19° C (WB) y una temperatura exterior de 35° C (DB)/24° C (WB); en calefacción, con una temperatura interior de 20° C (DB) y una temperatura exterior de 7° C (DB)/6° C (WB). (DB: Bulbo Seco; WB: Bulbo húmedo).