



8-16HP

AV08IMVEVA
AV10IMVEVA
AV12IMVEVA
AV14IMVEVA
AV16IMVEVA

Model		AV08IMVEVA	AV10IMVEVA	AV12IMVEVA	AV14IMVEVA	AV16IMVEVA
Capacity						
Power Class	HP	8	10	12	14	16
Cooling	kW	25.2	28.0	33.5	40.0	45.0
Heating	kW	27.0	31.5	37.5	45.0	50.0
Electrical Parameters						
Power supply	Ph-V/Hz	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)
Absorbed power - Cooling	kW	5.60	6.80	8.40	10.90	11.80
Max absorbed power - Cooling	kW	12.00	12.90	13.80	16.40	19.20
Absorbed current in cooling.	A	9.45	11.48	14.18	18.40	19.92
Max absorbed current - Cooling	A	20.26	21.78	23.30	27.69	32.41
Absorbed power - Heating	kW	5.20	6.30	8.00	10.30	11.20
Max absorbed power - Heating	kW	10.90	12.20	12.5	15.10	18.40
Absorbed current in heating	A	8.78	10.64	13.51	17.39	18.91
Max absorbed current - Heating	A	18.40	20.60	21.10	25.49	31.06
EER energy class	W/W	4.50	4.12	3.99	3.67	3.81
COP energy class	W/W	5.19	5.00	4.69	4.37	4.46
SEER energy class	W/W	7.50	7.33	7.20	6.85	6.40
SCOP energy class	W/W	5.50	5.45	5.30	5.12	4.55
Ventilation						
Air flow (High)	m³/h	11000	11000	12000	13500	13500
Sound pressure level (High)	dB(A)	56	56	59	59	60
Sound power level (High)	dB(A)	67	67	70	70	71
Installation - Dimensions - Components						
Unit Dimensions WxDxH	mm	980x750x1690	980x750x1690	980x750x1690	980x750x1690	980x750x1690
Packaged unit dimensions WxDxH	mm	1070x850x1838	1070x850x1838	1070x850x1838	1070x850x1838	1070x850x1838
Net weight / Gross weight	Kg	224/250	224/250	224/250	244/270	244/270
Compressor type		DC Inverter Scroll	DC Inverter Scroll	DC Inverter Scroll	DC Inverter Scroll	DC Inverter Scroll
Quantity and type of the compressor	No.	1 INV	1 INV	1 INV	1 INV	1 INV
Refrigerant type		R410A	R410A	R410A	R410A	R410A
Pre-charged refrigerant qty.	Kg	8.5	8.5	8.5	10	10
Ø Liquid side refrigerant pipe	mm	9.52	9.52	12.7	12.7	12.7
Ø Gas side refrigerant pipe	mm	19.05	22.22	25.4	25.4	28.58
Maximum piping length	m	1000	1000	1000	1000	1000
Max linear piping length (Equivalent/Real)	m	260/220	260/220	260/220	260/220	260/220
Standard height difference between IU and OU	m	50/40	50/40	50/40	50/40	50/40
Standard height difference between IU and IU	m	18	18	18	18	18
Static Pressure Fans	Pa	110	110	110	110	110
Connectable Indoor Capacity Ratio						
Indoor / Outdoor Capacity Ratio	%	50 - 130	50 - 130	50 - 130	50 - 130	50 - 130
Maximum number of connectable IUs	No.	13	16	20	24	27
External Temperature Operating Limits						
Cooling	°C	-5~50	-5~50	-5~50	-5~50	-5~50
Heating	°C	-23~21	-23~21	-23~21	-23~21	-23~21

The specifications indicated are obtained with the following test conditions: in Cooling mode, Indoor temperature of 27°C WB / 19°C DB and Outdoor temperature of 35°C WB / 24°C DB. In Heating mode, Indoor temperature of 20°C WB and Outdoor temperature of 7°C WB / 6°C DB

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18-26HP

AV18IMVEVA
AV20IMVEVA
AV22IMVEVA
AV24IMVEVA
AV26IMVEVA



Model		AV18IMVEVA	AV20IMVEVA	AV22IMVEVA	AV24IMVEVA	AV26IMVEVA
Capacity						
Power Class	HP	18	20	22	24	26
Cooling	kW	50.4	56.0	61.5	68.0	73.5
Heating	kW	56.5	61.5	69.0	73.0	82.5
Electrical Parameters						
Power supply	Ph-V/Hz	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)
Absorbed power - Cooling	kW	14.30	15.10	16.50	17.60	18.80
Max absorbed power - Cooling	kW	21.40	25.10	28.50	29.10	33.00
Absorbed current in cooling.	A	24.14	25.49	27.86	29.71	31.74
Max absorbed current - Cooling	A	36.13	42.37	48.11	49.13	55.80
Absorbed power - Heating	kW	13.40	14.60	15.40	16.80	17.70
Max absorbed power - Heating	kW	17.70	22.70	25.50	26.50	30.40
Absorbed current in heating	A	22.62	24.65	26.00	28.36	29.88
Max absorbed current - Heating	A	29.88	38.32	43.05	44.74	51.32
EER energy class	W/W	3.52	3.71	3.73	3.86	3.91
COP energy class	W/W	4.22	4.21	4.48	4.35	4.66
SEER energy class	W/W	6.50	6.35	6.20	6.03	5.86
SCOP energy class	W/W	4.65	4.55	4.40	4.26	4.15
Ventilation						
Air flow (High)	m³/h	17000	17000	18000	18000	19000
Sound pressure level (High)	dB(A)	61	61	61	62	62
Sound power level (High)	dB(A)	72	72	72	73	73
Installation - Dimensions - Components						
Unit Dimensions WxDxH	mm	1410x750x1690	1410x750x1690	1410x750x1690	1410x750x1690	1410x750x1690
Packaged unit dimensions WxDxH	mm	1515x850x1838	1515x850x1838	1515x850x1838	1515x850x1838	1515x850x1838
Net weight / Gross weight	Kg	287/317	370/400	370/400	370/400	370/400
Compressor type		DC Inverter Scroll	DC Inverter Scroll	DC Inverter Scroll	DC Inverter Scroll	DC Inverter Scroll
Quantity and type of the compressor	No.	1 INV	2 INV	2 INV	2 INV	2 INV
Refrigerant type		R410A	R410A	R410A	R410A	R410A
Pre-charged refrigerant qty.	Kg	10	10	10	10	10
Ø Liquid side refrigerant pipe	mm	15.88	15.88	15.88	15.88	15.88
Ø Gas side refrigerant pipe	mm	28.58	28.58	28.58	28.58	28.58
Maximum piping length	m	1000	1000	1000	1000	1000
Max linear piping length (Equivalent/Real)	m	260/220	260/220	260/220	260/220	260/220
Standard height difference between IU and OU	m	50/40	50/40	50/40	50/40	50/40
Standard height difference between IU and IU	m	18	18	18	18	18
Static Pressure Fans	Pa	110	110	110	110	110
Connectable Indoor Capacity Ratio						
Indoor / Outdoor Capacity Ratio	%	50 - 130	50 - 130	50 - 130	50 - 130	50 - 130
Maximum number of connectable IUs	No.	30	33	36	40	43
External Temperature Operating Limits						
Cooling	°C	-5-50	-5-50	-5-50	-5-50	-5-50
Heating	°C	-23-21	-23-21	-23-21	-23-21	-23-21

The specifications indicated are obtained with the following test conditions: in Cooling mode, Indoor temperature of 27°C WB / 19°C DB and Outdoor temperature of 35°C WB / 24°C DB. In Heating mode, Indoor temperature of 20°C WB and Outdoor temperature of 7°C WB / 6°C DB

18-34HP

AV14IMVEVA
AV16IMVEVA
AV18IMVEVA



Model		AV28IMVEVA AV14IMVEVA AV14IMVEVA	AV30IMVEVA AV14IMVEVA AV16IMVEVA	AV32IMVEVA AV16IMVEVA AV16IMVEVA	AV34IMVEVA AV16IMVEVA AV18IMVEVA
Capacity					
Power Class	HP	28	30	32	34
Cooling	kW	80.0	85.0	90.0	95.4
Heating	kW	90.0	95.0	100.0	106.5
Electrical Parameters					
Power supply	Ph-V/Hz	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)
Absorbed power - Cooling	kW	21.80	22.70	23.60	26.10
Max absorbed power - Cooling	kW	32.80	35.60	38.40	40.60
Absorbed current in cooling	A	36.80	38.32	39.84	44.06
Max absorbed current - Cooling	A	55.37	60.10	64.83	68.54
Absorbed power - Heating	kW	20.60	21.50	22.40	24.60
Max absorbed power - Heating	kW	30.20	33.50	36.80	36.10
Absorbed current in heating	A	34.78	36.30	37.82	41.53
Max absorbed current - Heating	A	50.98	56.55	62.13	60.94
EER energy class	W/W	3.67	3.74	3.81	3.66
COP energy class	W/W	4.37	4.42	4.46	4.33
SEER energy class	W/W	6.97	6.71	6.50	6.56
SCOP energy class	W/W	5.15	4.81	4.55	4.60
Ventilation					
Air flow (High)	m³/h	27000	27000	27000	30500
Sound pressure level (High)	dB(A)	62	62.5	63	63.5
Sound power level (High)	dB(A)	73	73.5	74	74.5
Installation - Dimensions - Components					
Unit Dimensions WxDxH	mm	980x750x1690 + 980x750x1690	980x750x1690 + 980x750x1690	980x750x1690 + 980x750x1690	980x750x1690 + 1410x750x1690
Packaged unit dimensions WxDxH	mm	1070x850x1838 + 1070x850x1838	1070x850x1838 + 1070x850x1838	1070x850x1838 + 1070x850x1838	1070x850x1838 + 1515x850x1838
Net weight / Gross weight	Kg	244/270 + 244/270	244/270 + 244/270	244/270 + 244/270	244/270 + 287/317
Compressor type		DC Inverter Scroll	DC Inverter Scroll	DC Inverter Scroll	DC Inverter Scroll
Quantity and type of the compressor	No.	2 INV	2 INV	2 INV	2 INV
Refrigerant type		R410A	R410A	R410A	R410A
Pre-charged refrigerant qty.	Kg	20	20	20	20
Ø Liquid side refrigerant pipe	mm	15.88	19.05	19.05	19.05
Ø Gas side refrigerant pipe	mm	28.58	31.8	31.8	31.8
Maximum piping length	m	1000	1000	1000	1000
Max linear piping length (Equivalent/Real)	m	260/220	260/220	260/220	260/220
Standard height difference between IU and OU	m	50/40	50/40	50/40	50/40
Standard height difference between IU and IU	m	18	18	18	18
Static Pressure Fans	Pa	110	110	110	110
Connectable Indoor Capacity Ratio					
Indoor / Outdoor Capacity Ratio	%	50 – 130	50 – 130	50 – 130	50 – 130
Maximum number of connectable IUs	No.	47	50	53	56
External Temperature Operating Limits					
Cooling	°C	-5~50	-5~50	-5~50	-5~50
Heating	°C	-23~21	-23~21	-23~21	-23~21

The specifications indicated are obtained with the following test conditions: in Cooling mode, Indoor temperature of 27°C WB / 19°C DB and Outdoor temperature of 35°C WB / 24°C DB. In Heating mode, Indoor temperature of 20°C WB and Outdoor temperature of 7°C WB / 6°C DB

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36-44HP

AV18IMVEVA

AV20IMVEVA

AV22IMVEVA

Model		AV36IMVEVA AV18IMVEVA AV18IMVEVA	AV38IMVEVA AV18IMVEVA AV20IMVEVA	AV40IMVEVA AV20IMVEVA AV20IMVEVA	AV42IMVEVA AV20IMVEVA AV22IMVEVA	AV44IMVEVA AV22IMVEVA AV22IMVEVA
Capacity						
Power Class	HP	36	38	40	42	44
Cooling	kW	100.8	106.4	112.0	117.5	123.0
Heating	kW	113.0	118.0	123.0	130.5	138.0
Electrical Parameters						
Power supply	Ph-V/Hz	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)
Absorbed power - Cooling	kW	28.60	29.40	30.20	31.60	33.00
Max absorbed power - Cooling	kW	42.80	46.50	50.20	53.60	57.00
Absorbed current in cooling.	A	48.28	49.63	50.98	53.35	55.71
Max absorbed current - Cooling	A	72.26	78.50	84.75	90.49	96.23
Absorbed power - Heating	kW	26.80	28.00	29.20	30.00	30.80
Max absorbed power - Heating	kW	35.40	40.40	45.40	48.20	51.00
Absorbed current in heating	A	45.24	47.27	49.30	50.65	52.00
Max absorbed current - Heating	A	59.76	68.20	76.64	81.37	86.10
EER energy class	W/W	3.52	3.62	3.71	3.72	3.73
COP energy class	W/W	4.22	4.21	4.21	4.35	4.48
SEER energy class	W/W	6.60	6.51	6.43	6.34	6.26
SCOP energy class	W/W	4.65	4.61	4.58	4.49	4.42
Ventilation						
Air flow (High)	m³/h	34000	34000	34000	35000	36000
Sound pressure level (High)	dB(A)	64	64	64	64	64
Sound power level (High)	dB(A)	75	75	75	75	75
Installation - Dimensions - Components						
Unit Dimensions WxDxH	mm	1410x750x1690 + 1410x750x1690	1410x750x1690 + 1410x750x1690	1410x750x1690 + 1410x750x1690	1410x750x1690 + 1410x750x1690	1410x750x1690 + 1410x750x1690
Packaged unit dimensions WxDxH	mm	1515x850x1838 + 1515x850x1838	1515x850x1838 + 1515x850x1838	1515x850x1838 + 1515x850x1838	1515x850x1838 + 1515x850x1838	1515x850x1838 + 1515x850x1838
Net weight / Gross weight	Kg	287/317 + 287/317	287/317 + 370/400	370/400 + 370/400	370/400 + 370/400	370/400 + 370/400
Compressor type		DC Inverter Scroll	DC Inverter Scroll	DC Inverter Scroll	DC Inverter Scroll	DC Inverter Scroll
Quantity and type of the compressor	No.	2 INV	3 INV	4 INV	4 INV	4 INV
Refrigerant type		R410A	R410A	R410A	R410A	R410A
Pre-charged refrigerant qty.	Kg	20	20	20	20	20
Ø Liquid side refrigerant pipe	mm	19.05	19.05	19.05	19.05	19.05
Ø Gas side refrigerant pipe	mm	38.1	38.1	38.1	38.1	38.1
Maximum piping length	m	1000	1000	1000	1000	1000
Max linear piping length (Equivalent/Real)	m	260/220	260/220	260/220	260/220	260/220
Standard height difference between IU and OU	m	50/40	50/40	50/40	50/40	50/40
Standard height difference between IU and IU	m	18	18	18	18	18
Static Pressure Fans	Pa	110	110	110	110	110
Connectable Indoor Capacity Ratio						
Indoor / Outdoor Capacity Ratio	%	50 - 130	50 - 130	50 - 130	50 - 130	50 - 130
Maximum number of connectable IUs	No.	59	63	64	64	64
External Temperature Operating Limits						
Cooling	°C	-5~50	-5~50	-5~50	-5~50	-5~50
Heating	°C	-23~21	-23~21	-23~21	-23~21	-23~21

The specifications indicated are obtained with the following test conditions: in Cooling mode, Indoor temperature of 27°C WB / 19°C DB and Outdoor temperature of 35°C WB / 24°C DB. In Heating mode, Indoor temperature of 20°C WB and Outdoor temperature of 7°C WB / 6°C DB



46-54HP

AV18IMVEVA
AV22IMVEVA
AV24IMVEVA
AV26IMVEVA

Model		AV46IMVEVA AV22IMVEVA AV24IMVEVA	AV48IMVEVA AV24IMVEVA AV24IMVEVA	AV50IMVEVA AV24IMVEVA AV26IMVEVA	AV52IMVEVA AV26IMVEVA AV26IMVEVA	AV54IMVEVA AV18IMVEVA AV18IMVEVA AV18IMVEVA
Capacity						
Power Class	HP	46	48	50	52	54
Cooling	kW	129.5	136.0	141.5	147.0	151.2
Heating	kW	142.0	146.0	155.5	165.0	169.5
Electrical Parameters						
Power supply	Ph-V/Hz	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)
Absorbed power - Cooling	kW	34.10	35.20	36.40	37.60	42.90
Max absorbed power - Cooling	kW	57.60	58.20	62.10	66.00	64.20
Absorbed current in cooling.	A	57.57	59.42	61.45	63.48	72.42
Max absorbed current - Cooling	A	97.24	98.25	104.93	111.60	108.38
Absorbed power - Heating	kW	32.20	33.60	34.50	35.40	40.20
Max absorbed power - Heating	kW	52.00	53.00	56.90	60.80	53.10
Absorbed current in heating	A	54.36	56.72	58.24	59.76	67.87
Max absorbed current - Heating	A	87.79	89.48	96.06	102.64	89.64
EER energy class	W/W	3.80	3.86	3.89	3.91	3.52
COP energy class	W/W	4.41	4.35	4.51	4.66	4.22
SEER energy class	W/W	6.17	6.09	5.99	5.91	6.63
SCOP energy class	W/W	4.34	4.27	4.21	4.16	4.65
Ventilation						
Air flow (High)	m³/h	36000	36000	37000	38000	51000
Sound pressure level (High)	dB(A)	64.5	65	65	65	65.8
Sound power level (High)	dB(A)	75.5	76	76	76	76.5
Installation - Dimensions - Components						
Unit Dimensions WxDxH	mm	1410x750x1690 + 1410x750x1690	1410x750x1690 + 1410x750x1690	1410x750x1690 + 1410x750x1690	1410x750x1690 + 1410x750x1690	1410x750x1690 + 1410x750x1690 + 1410x750x1690
Packaged unit dimensions WxDxH	mm	1515x850x1838 + 1515x850x1838	1515x850x1838 + 1515x850x1838	1515x850x1838 + 1515x850x1838	1515x850x1838 + 1515x850x1838	1515x850x1838 + 1515x850x1838 + 1515x850x1838
Net weight / Gross weight	Kg	370/400 + 370/400	370/400 + 370/400	370/400 + 370/400	370/400 + 370/400	287/317 + 287/317 + 287/317
Compressor type		DC Inverter Scroll	DC Inverter Scroll	DC Inverter Scroll	DC Inverter Scroll	DC Inverter Scroll
Quantity and type of the compressor	No.	4 INV	4 INV	4 INV	4 INV	3 INV
Refrigerant type		R410A	R410A	R410A	R410A	R410A
Pre-charged refrigerant qty.	Kg	20	20	20	20	30
Ø Liquid side refrigerant pipe	mm	19.05	19.05	19.05	19.05	19.05
Ø Gas side refrigerant pipe	mm	38.1	38.1	38.1	38.1	38.1
Maximum piping length	m	1000	1000	1000	1000	1000
Max linear piping length (Equivalent/Real)	m	260/220	260/220	260/220	260/220	260/220
Standard height difference between IU and OU	m	50/40	50/40	50/40	50/40	50/40
Standard height difference between IU and IU	m	18	18	18	18	18
Static Pressure Fans	Pa	110	110	110	110	110
Connectable Indoor Capacity Ratio						
Indoor / Outdoor Capacity Ratio	%	50 - 130	50 - 130	50 - 130	50 - 130	50 - 130
Maximum number of connectable IUs	No.	64	64	64	64	64
External Temperature Operating Limits						
Cooling	°C	-5-50	-5-50	-5-50	-5-50	-5-50
Heating	°C	-23-21	-23-21	-23-21	-23-21	-23-21

The specifications indicated are obtained with the following test conditions: in Cooling mode, Indoor temperature of 27°C WB / 19°C DB and Outdoor temperature of 35°C WB / 24°C DB. In Heating mode, Indoor temperature of 20°C WB and Outdoor temperature of 7°C WB / 6°C DB

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56-64HP

AV18IMVEVA

AV20IMVEVA

AV22IMVEVA

Model		AV56IMVEVA AV18IMVEVA AV18IMVEVA AV20IMVEVA	AV58IMVEVA AV18IMVEVA AV20IMVEVA AV20IMVEVA	AV60IMVEVA AV20IMVEVA AV20IMVEVA AV20IMVEVA	AV62IMVEVA AV20IMVEVA AV20IMVEVA AV22IMVEVA	AV64IMVEVA AV20IMVEVA AV22IMVEVA AV22IMVEVA
Capacity						
Power Class	HP	56	58	60	62	64
Cooling	kW	156.8	162.4	168.0	173.5	179.0
Heating	kW	174.5	179.5	184.5	192.0	199.5
Electrical Parameters						
Power supply	Ph-V/Hz	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)
Absorbed power - Cooling	kW	43.70	44.50	45.30	46.70	48.10
Max absorbed power - Cooling	kW	67.90	71.60	75.30	78.70	82.10
Absorbed current in cooling.	A	73.77	75.13	76.48	78.84	81.20
Max absorbed current - Cooling	A	114.63	120.88	127.12	132.86	138.60
Absorbed power - Heating	kW	41.40	42.60	43.80	44.60	45.40
Max absorbed power - Heating	kW	58.10	63.10	68.10	70.90	73.70
Absorbed current in heating	A	69.89	71.92	73.94	75.29	76.64
Max absorbed current - Heating	A	98.08	106.53	114.97	119.69	124.42
EER energy class	W/W	3.59	3.65	3.71	3.72	3.72
COP energy class	W/W	4.21	4.21	4.21	4.30	4.39
SEER energy class	W/W	6.56	6.50	6.45	6.39	6.33
SCOP energy class	W/W	4.63	4.60	4.58	4.52	4.47
Ventilation						
Air flow (High)	m³/h	51000	51000	51000	52000	53000
Sound pressure level (High)	dB(A)	65.8	65.8	65.8	65.8	65.8
Sound power level (High)	dB(A)	76.5	76.5	76.5	76.5	76.5
Installation - Dimensions - Components						
Unit Dimensions WxDxH	mm	1410x750x1690 + 1410x750x1690 + 1410x750x1690	1410x750x1690 + 1410x750x1690 + 1410x750x1690	1410x750x1690 + 1410x750x1690 + 1410x750x1690	1410x750x1690 + 1410x750x1690 + 1410x750x1690	1410x750x1690 + 1410x750x1690 + 1410x750x1690
Packaged unit dimensions WxDxH	mm	1515x850x1838 + 1515x850x1838 + 1515x850x1838	1515x850x1838 + 1515x850x1838 + 1515x850x1838	1515x850x1838 + 1515x850x1838 + 1515x850x1838	1515x850x1838 + 1515x850x1838 + 1515x850x1838	1515x850x1838 + 1515x850x1838 + 1515x850x1838
Net weight / Gross weight	Kg	287/317 + 287/317 + 370/400	287/317 + 370/400 + 370/400	370/400 + 370/400 + 370/400	370/400 + 370/400 + 370/400	370/400 + 370/400 + 370/400
Compressor type		DC Inverter Scroll	DC Inverter Scroll	DC Inverter Scroll	DC Inverter Scroll	DC Inverter Scroll
Quantity and type of the compressor	No.	4 INV	5 INV	6 INV	6 INV	6 INV
Refrigerant type		R410A	R410A	R410A	R410A	R410A
Pre-charged refrigerant qty.	Kg	30	30	30	30	30
Ø Liquid side refrigerant pipe	mm	19.05	19.05	19.05	19.05	19.05
Ø Gas side refrigerant pipe	mm	38.1	41.3	41.3	41.3	41.3
Maximum piping length	m	1000	1000	1000	1000	1000
Max linear piping length (Equivalent/Real)	m	260/220	260/220	260/220	260/220	260/220
Standard height difference between IU and OU	m	50/40	50/40	50/40	50/40	50/40
Standard height difference between IU and IU	m	18	18	18	18	18
Static Pressure Fans	Pa	110	110	110	110	110
Connectable Indoor Capacity Ratio						
Indoor / Outdoor Capacity Ratio	%	50 - 130	50 - 130	50 - 130	50 - 130	50 - 130
Maximum number of connectable IUs	No.	64	64	64	64	64
External Temperature Operating Limits						
Cooling	°C	-5-50	-5-50	-5-50	-5-50	-5-50
Heating	°C	-23-21	-23-21	-23-21	-23-21	-23-21

The specifications indicated are obtained with the following test conditions: in Cooling mode, Indoor temperature of 27°C WB / 19°C DB and Outdoor temperature of 35°C WB / 24°C DB. In Heating mode, Indoor temperature of 20°C WB and Outdoor temperature of 7°C WB / 6°C DB



66-74HP

AV22IMVEVA

AV24IMVEVA

AV26IMVEVA

Model		AV66IMVEVA AV22IMVEVA AV22IMVEVA AV22IMVEVA	AV68IMVEVA AV22IMVEVA AV22IMVEVA AV24IMVEVA	AV70IMVEVA AV22IMVEVA AV24IMVEVA AV24IMVEVA	AV72IMVEVA AV24IMVEVA AV24IMVEVA AV24IMVEVA	AV74IMVEVA AV24IMVEVA AV24IMVEVA AV26IMVEVA
Capacity						
Power Class	HP	66	68	70	72	74
Cooling	kW	184.5	191.0	197.5	204.0	209.5
Heating	kW	207.0	211.0	215.0	219.0	228.5
Electrical Parameters						
Power supply	Ph-V/Hz	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)
Absorbed power - Cooling	kW	49.50	50.60	51.70	52.80	54.00
Max absorbed power - Cooling	kW	85.50	86.10	86.70	87.30	91.20
Absorbed current in cooling.	A	83.57	85.42	87.28	89.14	91.16
Max absorbed current - Cooling	A	144.34	145.35	146.37	147.38	154.05
Absorbed power - Heating	kW	46.20	47.60	49.00	50.40	51.30
Max absorbed power - Heating	kW	76.50	77.50	78.50	79.50	83.40
Absorbed current in heating	A	78.00	80.36	82.72	85.09	86.61
Max absorbed current - Heating	A	129.15	130.84	132.52	134.21	140.80
EER energy class	W/W	3.73	3.77	3.82	3.86	3.88
COP energy class	W/W	4.48	4.43	4.39	4.35	4.45
SEER energy class	W/W	6.28	6.22	6.16	6.10	6.04
SCOP energy class	W/W	4.42	4.37	4.32	4.27	4.23
Ventilation						
Air flow (High)	m³/h	54000	54000	54000	54000	55000
Sound pressure level (High)	dB(A)	65.8	66	66.5	66.8	66.8
Sound power level (High)	dB(A)	76.5	77	77.5	77.8	77.8
Installation - Dimensions - Components						
Unit Dimensions WxDxH	mm	1410x750x1690 + 1410x750x1690 + 1410x750x1690	1410x750x1690 + 1410x750x1690 + 1410x750x1690	1410x750x1690 + 1410x750x1690 + 1410x750x1690	1410x750x1690 + 1410x750x1690 + 1410x750x1690	1410x750x1690 + 1410x750x1690 + 1410x750x1690
Packaged unit dimensions WxDxH	mm	1515x850x1838 + 1515x850x1838 + 1515x850x1838	1515x850x1838 + 1515x850x1838 + 1515x850x1838	1515x850x1838 + 1515x850x1838 + 1515x850x1838	1515x850x1838 + 1515x850x1838 + 1515x850x1838	1515x850x1838 + 1515x850x1838 + 1515x850x1838
Net weight / Gross weight	Kg	370/400 + 370/400 + 370/400	370/400 + 370/400 + 370/400	370/400 + 370/400 + 370/400	370/400 + 370/400 + 370/400	370/400 + 370/400 + 370/400
Compressor type		DC Inverter Scroll	DC Inverter Scroll	DC Inverter Scroll	DC Inverter Scroll	DC Inverter Scroll
Quantity and type of the compressor	No.	6 INV	6 INV	6 INV	6 INV	6 INV
Refrigerant type		R410A	R410A	R410A	R410A	R410A
Pre-charged refrigerant qty.	Kg	30	30	30	30	30
Ø Liquid side refrigerant pipe	mm	19.05	22.2	22.2	22.2	22.2
Ø Gas side refrigerant pipe	mm	41.3	44.5	44.5	44.5	44.5
Maximum piping length	m	1000	1000	1000	1000	1000
Max linear piping length (Equivalent/Real)	m	260/220	260/220	260/220	260/220	260/220
Standard height difference between IU and OU	m	50/40	50/40	50/40	50/40	50/40
Standard height difference between IU and IU	m	18	18	18	18	18
Static Pressure Fans	Pa	110	110	110	110	110
Connectable Indoor Capacity Ratio						
Indoor / Outdoor Capacity Ratio	%	50 – 130	50 – 130	50 – 130	50 – 130	50 – 130
Maximum number of connectable IUs	No.	64	64	64	64	64
External Temperature Operating Limits						
Cooling	°C	-5-50	-5-50	-5-50	-5-50	-5-50
Heating	°C	-23-21	-23-21	-23-21	-23-21	-23-21

The specifications indicated are obtained with the following test conditions: in Cooling mode, Indoor temperature of 27°C WB / 19°C DB and Outdoor temperature of 35°C WB / 24°C DB. In Heating mode, Indoor temperature of 20°C WB and Outdoor temperature of 7°C WB / 6°C DB

The data in this catalogue is purely indicative as the data may vary. Please be advised to check the accuracy of the data with the supplier before purchasing products.

76-84HP

AV20IMVEVA
AV22IMVEVA
AV24IMVEVA
AV26IMVEVA



Model		AV76IMVEVA AV24IMVEVA AV26IMVEVA AV26IMVEVA	AV78IMVEVA AV26IMVEVA AV26IMVEVA AV26IMVEVA	AV80IMVEVA AV20IMVEVA AV20IMVEVA AV20IMVEVA AV20IMVEVA	AV82IMVEVA AV20IMVEVA AV20IMVEVA AV20IMVEVA AV22IMVEVA	AV84IMVEVA AV20IMVEVA AV20IMVEVA AV22IMVEVA AV22IMVEVA
Capacity						
Power Class	HP	76	78	80	82	84
Cooling	kW	215.0	220.5	224.0	229.5	235.0
Heating	kW	238.0	247.5	246.0	253.5	261.0
Electrical Parameters						
Power supply	Ph-V/Hz	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)
Absorbed power - Cooling	kW	55.20	56.40	60.40	61.80	63.20
Max absorbed power - Cooling	kW	95.10	99.00	100.40	103.80	107.20
Absorbed current in cooling.	A	93.19	95.21	101.97	104.33	106.69
Max absorbed current - Cooling	A	160.73	167.40	169.50	175.24	180.98
Absorbed power - Heating	kW	52.20	53.10	58.40	59.20	60.00
Max absorbed power - Heating	kW	87.30	91.20	90.80	93.60	96.40
Absorbed current in heating	A	88.12	89.64	98.59	99.94	101.29
Max absorbed current - Heating	A	147.38	153.96	153.29	158.02	162.74
EER energy class	W/W	3.89	3.91	3.71	3.71	3.72
COP energy class	W/W	4.56	4.66	4.21	4.28	4.35
SEER energy class	W/W	5.98	5.92	6.46	6.41	6.37
SCOP energy class	W/W	4.20	4.16	4.58	4.53	4.49
Ventilation						
Air flow (High)	m³/h	56000	57000	68000	69000	70000
Sound pressure level (High)	dB(A)	66.8	66.8	67	67	67
Sound power level (High)	dB(A)	77.8	77.7	78	78	78
Installation - Dimensions - Components						
Unit Dimensions WxDxH	mm	1410x750x1690 + 1410x750x1690 + 1410x750x1690	1410x750x1690 + 1410x750x1690 + 1410x750x1690	1410x750x1690 + 1410x750x1690 + 1410x750x1690 + 1410x750x1690	1410x750x1690 + 1410x750x1690 + 1410x750x1690 + 1410x750x1690	1410x750x1690 + 1410x750x1690 + 1410x750x1690 + 1410x750x1690
Packaged unit dimensions WxDxH	mm	1515x850x1838 + 1515x850x1838 + 1515x850x1838	1515x850x1838 + 1515x850x1838 + 1515x850x1838	1515x850x1838 + 1515x850x1838 + 1515x850x1838 + 1515x850x1838	1515x850x1838 + 1515x850x1838 + 1515x850x1838 + 1515x850x1838	1515x850x1838 + 1515x850x1838 + 1515x850x1838 + 1515x850x1838
Net weight / Gross weight	Kg	370/400 + 370/400 + 370/400	370/400 + 370/400 + 370/400	370/400 + 370/400 + 370/400 + 370/400	370/400 + 370/400 + 370/400 + 370/400	370/400 + 370/400 + 370/400 + 370/400
Compressor type		DC Inverter Scroll	DC Inverter Scroll	DC Inverter Scroll	DC Inverter Scroll	DC Inverter Scroll
Quantity and type of the compressor	No.	6 INV	6 INV	8 INV	8 INV	8 INV
Refrigerant type		R410A	R410A	R410A	R410A	R410A
Pre-charged refrigerant qty.	Kg	30	30	40	40	40
Ø Liquid side refrigerant pipe	mm	22.2	22.2	22.2	22.2	22.2
Ø Gas side refrigerant pipe	mm	44.5	44.5	44.5	44.5	44.5
Maximum piping length	m	1000	1000	1000	1000	1000
Max linear piping length (Equivalent/Real)	m	260/220	260/220	260/220	260/220	260/220
Standard height difference between IU and OU	m	50/40	50/40	50/40	50/40	50/40
Standard height difference between IU and IU	m	18	18	18	18	18
Static Pressure Fans	Pa	110	110	110	110	110
Connectable Indoor Capacity Ratio						
Indoor / Outdoor Capacity Ratio	%	50 - 130	50 - 130	50 - 130	50 - 130	50 - 130
Maximum number of connectable IUs	No.	64	64	64	64	64
External Temperature Operating Limits						
Cooling	°C	-5~50	-5~50	-5~50	-5~50	-5~50
Heating	°C	-23~21	-23~21	-23~21	-23~21	-23~21

The specifications indicated are obtained with the following test conditions: in Cooling mode, Indoor temperature of 27°C WB / 19°C DB and Outdoor temperature of 35°C WB / 24°C DB. In Heating mode, Indoor temperature of 20°C WB and Outdoor temperature of 7°C WB / 6°C DB

The data in this catalogue is purely indicative as the data may vary. Please be advised to check the accuracy of the data with the supplier before purchasing products.



86-94HP

AV20IMVEVA

AV22IMVEVA

AV24IMVEVA

AV26IMVEVA

Model		AV86IMVEVA AV20IMVEVA AV22IMVEVA AV22IMVEVA AV22IMVEVA	AV88IMVEVA AV22IMVEVA AV22IMVEVA AV22IMVEVA AV22IMVEVA	AV90IMVEVA AV22IMVEVA AV22IMVEVA AV22IMVEVA AV24IMVEVA	AV92IMVEVA AV22IMVEVA AV22IMVEVA AV24IMVEVA AV24IMVEVA	AV94IMVEVA AV22IMVEVA AV24IMVEVA AV24IMVEVA AV24IMVEVA
Capacity						
Power Class	HP	86	88	90	92	94
Cooling	kW	240.5	246.0	252.5	259.0	265.5
Heating	kW	268.5	276.0	280.0	284.0	288.0
Electrical Parameters						
Power supply	Ph-V/Hz	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)
Absorbed power - Cooling	kW	64.60	66.00	67.10	68.20	69.30
Max absorbed power - Cooling	kW	110.60	114.00	114.60	115.20	115.80
Absorbed current in cooling.	A	109.06	111.42	113.28	115.14	116.99
Max absorbed current - Cooling	A	186.72	192.46	193.47	194.48	195.49
Absorbed power - Heating	kW	60.80	61.60	63.00	64.40	65.80
Max absorbed power - Heating	kW	99.20	102.00	103.00	104.00	105.00
Absorbed current in heating	A	102.64	103.99	106.36	108.72	111.08
Max absorbed current - Heating	A	167.47	172.20	173.89	175.57	177.26
EER energy class	W/W	3.72	3.73	3.76	3.80	3.83
COP energy class	W/W	4.42	4.48	4.44	4.41	4.38
SEER energy class	W/W	6.33	6.29	6.24	6.19	6.15
SCOP energy class	W/W	4.46	4.43	4.38	4.35	4.31
Ventilation						
Air flow (High)	m³/h	71000	72000	72000	72000	72000
Sound pressure level (High)	dB(A)	67	67	67.5	67.5	68
Sound power level (High)	dB(A)	78	78	78.5	78.5	78.8
Installation - Dimensions - Components						
Unit Dimensions WxDxH	mm	1410x750x1690 + 1410x750x1690 + 1410x750x1690 + 1410x750x1690	1410x750x1690 + 1410x750x1690 + 1410x750x1690 + 1410x750x1690	1410x750x1690 + 1410x750x1690 + 1410x750x1690 + 1410x750x1690	1410x750x1690 + 1410x750x1690 + 1410x750x1690 + 1410x750x1690	1410x750x1690 + 1410x750x1690 + 1410x750x1690 + 1410x750x1690
Packaged unit dimensions WxDxH	mm	1515x850x1838 + 1515x850x1838 + 1515x850x1838 + 1515x850x1838	1515x850x1838 + 1515x850x1838 + 1515x850x1838 + 1515x850x1838	1515x850x1838 + 1515x850x1838 + 1515x850x1838 + 1515x850x1838	1515x850x1838 + 1515x850x1838 + 1515x850x1838 + 1515x850x1838	1515x850x1838 + 1515x850x1838 + 1515x850x1838 + 1515x850x1838
Net weight / Gross weight	Kg	370/400 + 370/400 + 370/400 + 370/400	370/400 + 370/400 + 370/400 + 370/400	370/400 + 370/400 + 370/400 + 370/400	370/400 + 370/400 + 370/400 + 370/400	370/400 + 370/400 + 370/400 + 370/400
Compressor type		DC Inverter Scroll	DC Inverter Scroll	DC Inverter Scroll	DC Inverter Scroll	DC Inverter Scroll
Quantity and type of the compressor	No.	8 INV	8 INV	8 INV	8 INV	8 INV
Refrigerant type		R410A	R410A	R410A	R410A	R410A
Pre-charged refrigerant qty.	Kg	40	40	40	40	40
Ø Liquid side refrigerant pipe	mm	25.4	25.4	25.4	25.4	25.4
Ø Gas side refrigerant pipe	mm	50.8	50.8	50.8	50.8	50.8
Maximum piping length	m	1000	1000	1000	1000	1000
Max linear piping length (Equivalent/Real)	m	260/220	260/220	260/220	260/220	260/220
Standard height difference between IU and OU	m	50/40	50/40	50/40	50/40	50/40
Standard height difference between IU and IU	m	18	18	18	18	18
Static Pressure Fans	Pa	110	110	110	110	110
Connectable Indoor Capacity Ratio						
Indoor / Outdoor Capacity Ratio	%	50 - 130	50 - 130	50 - 130	50 - 130	50 - 130
Maximum number of connectable IUs	No.	64	64	64	64	64
External Temperature Operating Limits						
Cooling	°C	-5~50	-5~50	-5~50	-5~50	-5~50
Heating	°C	-23~21	-23~21	-23~21	-23~21	-23~21

The specifications indicated are obtained with the following test conditions: in Cooling mode, Indoor temperature of 27°C WB / 19°C DB and Outdoor temperature of 35°C WB / 24°C DB. In Heating mode, Indoor temperature of 20°C WB and Outdoor temperature of 7°C WB / 6°C DB

The data in this catalogue is purely indicative as the data may vary. Please be advised to check the accuracy of the data with the supplier before purchasing products.



96-104HP

AV24IMVEVA

AV26IMVEVA

Model		AV96IMVEVA AV24IMVEVA AV24IMVEVA AV24IMVEVA AV24IMVEVA	AV98IMVEVA AV24IMVEVA AV24IMVEVA AV24IMVEVA AV26IMVEVA	AV100IMVEVA AV24IMVEVA AV24IMVEVA AV26IMVEVA AV26IMVEVA	AV102IMVEVA AV24IMVEVA AV26IMVEVA AV26IMVEVA AV26IMVEVA	AV104IMVEVA AV26IMVEVA AV26IMVEVA AV26IMVEVA AV26IMVEVA
Capacity						
Power Class	HP	96	98	100	102	104
Cooling	kW	272.0	277.5	283.0	288.5	294.0
Heating	kW	292.0	301.5	311.0	320.5	330.0
Electrical Parameters						
Power supply	Ph-V/Hz	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)	3/380-400/50/60 (5 wires L1+L2+L3+N+T)
Absorbed power - Cooling	kW	70.40	71.60	72.80	74.00	75.20
Max absorbed power - Cooling	kW	116.40	120.30	124.20	128.10	132.00
Absorbed current in cooling.	A	118.85	120.88	122.90	124.93	126.95
Max absorbed current - Cooling	A	196.51	203.18	209.85	216.53	223.20
Absorbed power - Heating	kW	67.20	68.10	69.00	69.90	70.80
Max absorbed power - Heating	kW	106.00	109.90	113.80	117.70	121.60
Absorbed current in heating	A	113.45	114.97	116.49	118.01	119.53
Max absorbed current - Heating	A	178.95	185.53	192.12	198.70	205.29
EER energy class	W/W	3.86	3.88	3.89	3.90	3.91
COP energy class	W/W	4.35	4.43	4.51	4.59	4.66
SEER energy class	W/W	6.11	6.06	6.01	5.97	5.93
SCOP energy class	W/W	4.27	4.24	4.21	4.19	4.16
Ventilation						
Air flow (High)	m³/h	72000	73000	74000	75000	76000
Sound pressure level (High)	dB(A)	68	68	68	68	68
Sound power level (High)	dB(A)	79	79	79	79	79
Installation - Dimensions - Components						
Unit Dimensions WxDxH	mm	1410x750x1690 + 1410x750x1690 + 1410x750x1690 + 1410x750x1690	1410x750x1690 + 1410x750x1690 + 1410x750x1690 + 1410x750x1690	1410x750x1690 + 1410x750x1690 + 1410x750x1690 + 1410x750x1690	1410x750x1690 + 1410x750x1690 + 1410x750x1690 + 1410x750x1690	1410x750x1690 + 1410x750x1690 + 1410x750x1690 + 1410x750x1690
Packaged unit dimensions WxDxH	mm	1515x850x1838 + 1515x850x1838 + 1515x850x1838 + 1515x850x1838	1515x850x1838 + 1515x850x1838 + 1515x850x1838 + 1515x850x1838	1515x850x1838 + 1515x850x1838 + 1515x850x1838 + 1515x850x1838	1515x850x1838 + 1515x850x1838 + 1515x850x1838 + 1515x850x1838	1515x850x1838 + 1515x850x1838 + 1515x850x1838 + 1515x850x1838
Net weight / Gross weight	Kg	370/400 + 370/400 + 370/400 + 370/400	370/400 + 370/400 + 370/400 + 370/400	370/400 + 370/400 + 370/400 + 370/400	370/400 + 370/400 + 370/400 + 370/400	370/400 + 370/400 + 370/400 + 370/400
Compressor type		DC Inverter Scroll	DC Inverter Scroll	DC Inverter Scroll	DC Inverter Scroll	DC Inverter Scroll
Quantity and type of the compressor	No.	8 INV	8 INV	8 INV	8 INV	8 INV
Refrigerant type		R410A	R410A	R410A	R410A	R410A
Pre-charged refrigerant qty.	Kg	40	40	40	40	40
Ø Liquid side refrigerant pipe	mm	25.4	25.4	25.4	25.4	25.4
Ø Gas side refrigerant pipe	mm	50.8	54.1	54.1	54.1	54.1
Maximum piping length	m	1000	1000	1000	1000	1000
Max linear piping length (Equivalent/Real)	m	260/220	260/220	260/220	260/220	260/220
Standard height difference between IU and OU	m	50/40	50/40	50/40	50/40	50/40
Standard height difference between IU and IU	m	18	18	18	18	18
Static Pressure Fans	Pa	110	110	110	110	110
Connectable Indoor Capacity Ratio						
Indoor / Outdoor Capacity Ratio	%	50 - 130	50 - 130	50 - 130	50 - 130	50 - 130
Maximum number of connectable IUs	No.	64	64	64	64	64
External Temperature Operating Limits						
Cooling	°C	-5-50	-5-50	-5-50	-5-50	-5-50
Heating	°C	-23-21	-23-21	-23-21	-23-21	-23-21

The specifications indicated are obtained with the following test conditions: in Cooling mode, Indoor temperature of 27°C WB / 19°C DB and Outdoor temperature of 35°C WB / 24°C DB. In Heating mode, Indoor temperature of 20°C WB and Outdoor temperature of 7°C WB / 6°C DB