

J-IVS & J-IV HEAT PUMP VRF OUTDOOR UNITS

J-IVS VRF Heat Pump Outdoor Units - Single Phase



Outdoor Unit	AJY040LCLBH	AJY045LCLBH	AJY054LCLBH
Horse Power / Number of Modules	4 / 1	5 / 1	6 / 1
Maximum Connectable Indoor Units	1-11	1-12	1-13
Nominal Cooling Capacity kW	12.1	14.0	15.1
Max Heating Capacity kW	12.1 / 13.6	14.0 / 16.0	15.1 / 16.5
EER / COP Nominal / COP Max Heating	3.52 / 4.74 / 4.16	3.16 / 4.51 / 4.07	3.00 / 4.30 / 4.01
SEER / SCOP	7.80 / 3.59	7.30 / 3.81	6.98 / 3.82
Input Power (Cool / Nom Heat / Max Heat) kW	3.44 / 2.55 / 3.27	4.43 / 3.11 / 3.93	5.03 / 3.52 / 4.11
Dimensions (H x W x D) mm	998 x 970 x 370	998 x 970 x 370	998 x 970 x 370
Weight kg	86	86	87
Sound Pressure Level Cooling / Heating dB(A)	51 / 54	53 / 56	54 / 56
Maximum external static pressure Pa	TBC	TBC	TBC
Pipe Size (Liquid - Discharge - Suction) mm	3/8" - 5/8" - NA	3/8" - 5/8" - NA	3/8" - 5/8" - NA
Total pipe length / Max Height difference m	80 / 30	80 / 30	80 / 30
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	4.0 (8.4)	4.0 (8.4)	4.0 (8.4)
Power Source	1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz

System operating range, -5°C to 46°C Cooling -20°C to 21°C Heating

J-IV VRF Heat Pump Outdoor Units - Single & Three Phase



Outdoor Unit	AJY040LBLBH	AJY045LBLBH	AJY054LBLBH
Horse Power / Number of Modules	4 / 1	5 / 1	6 / 1
Maximum Connectable Indoor Units	1-11	1-12	1-14
Nominal Cooling Capacity kW	12.1	14.0	15.5
Max Heating Capacity kW	12.1 / 13.6	14.0 / 16.0	15.5 / 18.0
EER / COP Nominal / COP Max Heating	4.17 / 5.06 / 4.86	3.92 / 4.71 / 4.51	3.71 / 4.43 / 4.23
SEER / SCOP	8.08 / 3.92	8.03 / 3.85	7.97 / 3.78
Input Power (Cool / Nom Heat / Max Heat) kW	2.90 / 2.39 / 2.80	3.57 / 2.97 / 3.55	4.18 / 3.50 / 4.26
Dimensions (H x W x D) mm	1,334 x 970 x 370	1,334 x 970 x 370	1,334 x 970 x 370
Weight kg	117	117	119
Sound Pressure Level Cooling / Heating dB(A)	50 / 52	51 / 55	53 / 56
Maximum external static pressure Pa	TBC	TBC	TBC
Pipe Size (Liquid - Discharge - Suction) mm	3/8" - 5/8" - NA	3/8" - 5/8" - NA	3/8" - 3/4" - NA
Total pipe length / Max Height difference m		180 / 50/40 (Outdoor unit: Upper/Lower)	
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	4.8 (10.0)	5.3 (11.1)	5.3 (11.1)
Power Source	1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz

Outdoor Unit	AJY040LELBH	AJY045LELBH	AJY054LELBH
Horse Power / Number of Modules	4 / 1	5 / 1	6 / 1
Maximum Connectable Indoor Units	1-11	1-12	1-14
Nominal Cooling Capacity kW	12.1	14.0	15.5
Max Heating Capacity kW	12.1 / 13.6	14.0 / 16.0	15.5 / 18.0
EER / COP Nominal / COP Max Heating	4.33 / 5.21 / 5.01	4.05 / 4.90 / 4.70	3.88 / 4.61 / 4.41
SEER / SCOP	8.28 / 4.10	8.23 / 4.04	8.16 / 4.00
Input Power (Cool / Nom Heat / Max Heat) kW	2.79 / 2.32 / 2.71	3.46 / 2.86 / 3.40	3.99 / 3.36 / 4.08
Dimensions (H x W x D) mm	1,334 x 970 x 370	1,334 x 970 x 370	1,334 x 970 x 370
Weight kg	118	119	119
Sound Pressure Level Cooling / Heating dB(A)	50 / 52	51 / 55	53 / 56
Maximum external static pressure Pa	TBC	TBC	TBC
Pipe Size (Liquid - Discharge - Suction) mm	3/8" - 5/8" - NA	3/8" - 5/8" - NA	3/8" - 3/4" - NA
Total pipe length / Max Height difference m		180 / 50/40 (Outdoor unit: Upper/Lower)	
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	4.8 (10.0)	5.3 (11.1)	5.3 (11.1)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz

System operating range, -5°C to 46°C Cooling -20°C to 21°C Heating

## J-IVL VRF Heat Pump Outdoor Units - Three Phase



Outdoor Unit	AJY072LELBH	AJY090LELBH	AJY108LELBH
Horse Power / Number of Modules	8 / 1	10 / 1	12 / 1
Maximum Connectable Indoor Units	1-20	1-25	1-30
Nominal Cooling Capacity kW	22.4	28.0	33.5
Max Heating Capacity kW	22.4 / 25.0	28.0 / 31.5	33.5 / 37.5
EER / COP Nominal / COP Max Heating	3.56 / 4.82 / 4.56	3.26 / 4.24 / 3.80	3.22 / 4.10 / 3.66
SEER / SCOP	7.50 / 3.86	7.02 / 3.59	6.87 / 3.58
Input Power (Cool / Nom Heat / Max Heat) kW	6.30 / 4.65 / 5.45	8.59 / 6.61 / 8.29	10.42 / 8.18 / 10.25
Dimensions (H x W x D) mm	1,428 x 1,080 x 480	1,428 x 1,080 x 480	1,428 x 1,080 x 480
Weight kg	170	177	178
Sound Pressure Level Cooling / Heating dB(A)	52 / 54	54 / 57	59 / 62
Maximum external static pressure Pa	TBC	TBC	TBC
Pipe Size (Liquid - Discharge - Suction) mm	3/8" - 3/4" - NA	3/8" - 7/8" - NA	1/2" - 1 1/8" - NA
Total pipe length / Max Height difference m		400 / 50/40 (Outdoor unit: Upper/Lower)	
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	7.0 (14.6)	7.5 (15.7)	7.5 (15.7)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz

System operating range, -5°C to 46°C Cooling -20°C to 21°C Heating

Outdoor Unit	AJY126LELBH	AJY144LELBH	AJY162LELBH
Horse Power / Number of Modules	14 / 1	16 / 1	18 / 1
Maximum Connectable Indoor Units	1-36	1-40	1-42
Nominal Cooling Capacity kW	40.0	45.0	50.0
Max Heating Capacity kW	40.0 / 45.0	45.0 / 50.0	50.0 / 55.0
EER / COP Nominal / COP Max Heating	3.30 / 4.12 / 3.81	3.01 / 3.81 / 3.50	2.70 / 3.66 / 3.30
SEER / SCOP	6.86 / 3.52	6.62 / 3.51	6.20 / 3.52
Input Power (Cool / Nom Heat / Max Heat) kW	12.12 / 9.71 / 11.80	14.96 / 11.81 / 14.29	18.52 / 13.66 / 16.66
Dimensions (H x W x D) mm	1,638 x 1,080 x 480	1,638 x 1,080 x 480	1,638 x 1,080 x 480
Weight kg	213	213	217
Sound Pressure Level Cooling / Heating dB(A)	62 / 63	64 / 65	65 / 68
Maximum external static pressure Pa	TBC	TBC	TBC
Pipe Size (Liquid - Discharge - Suction) mm	1/2" - 1 1/8" - NA	1/2" - 1 1/8" - NA	1/2" - 1 1/8" - NA
Total pipe length / Max Height difference m		400 / 50/40 (Outdoor unit: Upper/Lower)	
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	11.0 (22.9)	11.0 (22.9)	11.8 (24.6)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz

System operating range, -5°C to 46°C Cooling -20°C to 21°C Heating

V-III HEAT PUMP VRF OUTDOOR UNITS - SPACE SAVING

V-III VRF Heat Pump Outdoor Units 8 to 24 HP - Three Phase



Prices exclude outdoor connection kits where required

Outdoor Unit	AJY072LALBH	AJY090LALBH	AJY108LALBH
Horse Power / Number of Modules	8 / 1	10 / 1	12 / 1
Maximum Connectable Indoor Units	17	21	26
Nominal Cooling Capacity kW	22.4	28.0	33.5
Max Heating Capacity kW	22.4 / 25.0	28.0 / 31.5	33.5 / 37.5
EER / COP Nominal / COP Max Heating	4.31 / 5.20 / 4.84	3.85 / 4.69 / 4.35	3.74 / 4.72 / 4.34
SEER / SCOP	5.95 / 3.97	5.86 / 3.76	6.22 / 3.56
Input Power (Cool / Nom Heat / Max Heat) kW	5.20 / 4.31 / 5.17	7.28 / 5.98 / 7.25	8.96 / 7.10 / 8.65
Dimensions (H x W x D) mm	1,690 x 930 x 765	1,690 x 930 x 765	1,690 x 1,240 x 765
Weight kg	252	252	275
Sound Pressure Level Cooling / Heating dB(A)	56 / 58	58 / 59	57 / 60
Maximum external static pressure Pa	82	82	82
Pipe Size (Liquid - Discharge - Suction) mm	1/2" - 7/8" - NA	1/2" - 7/8" - NA	1/2" - 1 1/8" - NA
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	11.7 (24.4)	11.7 (24.4)	11.8 (24.6)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz

System operating range, -15°C to 46°C Cooling -20°C to 21°C Heating

Outdoor Unit	AJY126LALBH	AJY144LALBH	AJY162LALBH
Horse Power / Number of Modules	14 / 1	16 / 1	18 / 1
Maximum Connectable Indoor Units	30	34	39
Nominal Cooling Capacity kW	40.0	45.0	50.0
Max Heating Capacity kW	40.0 / 45.0	45.0 / 50.0	50.0 / 50.0
EER / COP Nominal / COP Max Heating	3.65 / 4.46 / 4.03	3.46 / 4.06 / 3.67	3.02 / 3.67 / 3.67
SEER / SCOP	6.50 / 4.14	6.33 / 4.06	5.77 / 3.56
Input Power (Cool / Nom Heat / Max Heat) kW	10.96 / 8.97 / 11.17	13.01 / 11.09 / 13.63	16.56 / 13.63 / 13.63
Dimensions (H x W x D) mm	1,690 x 1,240 x 765	1,690 x 1,240 x 765	1,690 x 1,240 x 765
Weight kg	275	275	275
Sound Pressure Level Cooling / Heating dB(A)	60 / 62	62 / 64	63 / 64
Maximum external static pressure Pa	82	82	82
Pipe Size (Liquid - Discharge - Suction) mm	1/2" - 1 1/8" - NA	1/2" - 1 1/8" - NA	5/8" - 1 1/8" - NA
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	11.8 (24.6)	11.8 (24.6)	11.8 (24.6)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz

System operating range, -15°C to 46°C Cooling -20°C to 21°C Heating

Outdoor Unit	AJY180LALBH	AJY198LALBH	AJY216LALBH
Horse Power / Number of Modules	20 / 2	22 / 2	24 / 2
Maximum Connectable Indoor Units	43	47	52
Nominal Cooling Capacity kW	56.0	62.4	68.0
Max Heating Capacity kW	- / 63.0	- / 70.0	- / 76.5
EER / COP Nominal / COP Max Heating	3.85 / - / 4.34	3.86 / - / 4.28	3.73 / - / 4.15
SEER / SCOP	5.86 / 3.76	6.26 / 4.06	6.20 / 3.96
Input Power (Cool / Nom Heat / Max Heat) kW	14.56 / - / 14.50	16.16 / - / 16.34	18.24 / - / 18.42
Dimensions (H x W x D) mm	1,690 x 930x2 x 765	1,690 x 1,240x930 x 765	1,690 x 1,240x930 x 765
Weight kg	252x2	275+252	275+252
Sound Pressure Level Cooling / Heating dB(A)	61 / 62	61 / 63	62 / 64
Maximum external static pressure Pa	82	82	82
Pipe Size (Liquid - Discharge - Suction) mm	5/8" - 1 1/8" - NA	5/8" - 1 3/8" - NA	5/8" - 1 3/8" - NA
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	11.7x2 (24.4x2)	11.8+11.7 (24.6+24.4)	11.8+11.7 (24.6+24.4)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz

System operating range, -5°C to 46°C Cooling -20°C to 21°C Heating

## V-III VRF Heat Pump Outdoor Units 26 to 42 HP - Three Phase



Prices exclude outdoor connection kits where required

Outdoor Unit	AJY234LALBH	AJY252LALBH	AJY270LALBH
Horse Power / Number of Modules	26 / 2	28 / 2	30 / 2
Maximum Connectable Indoor Units	56	60	64
Nominal Cooling Capacity kW	73.0	78.0	85.0
Max Heating Capacity kW	- / 81.5	- / 81.5	- / 95.0
EER / COP Nominal / COP Max Heating	3.60 / - / 3.90	3.27 / - / 3.90	3.55 / - / 3.83
SEER / SCOP	6.10 / 3.91	5.76 / 3.64	6.41 / 4.09
Input Power (Cool / Nom Heat / Max Heat) kW	20.29 / - / 20.88	23.84 / - / 20.88	23.97 / - / 24.80
Dimensions (H x W x D) mm	1,690 x 1,240+930 x 765	1,690 x 1,240+930 x 765	1,690 x 1,240x2 x 765
Weight kg	275+252	275+252	275x2
Sound Pressure Level Cooling / Heating dB(A)	63 / 65	64 / 65	64 / 66
Maximum external static pressure Pa	82	82	82
Pipe Size (Liquid - Discharge - Suction) mm	5/8" - 1 3/8" - NA	5/8" - 1 3/8" - NA	3/4" - 1 3/8" - NA
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO <sub>2</sub> eq-T	11.8+11.7 (24.6+24.4)	11.8+11.7 (24.6+24.4)	11.8x2 (24.6x2)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz

System operating range, -5°C to 46°C Cooling -20°C to 21°C Heating

Outdoor Unit	AJY288LALBH	AJY306LALBH	AJY324LALBH
Horse Power / Number of Modules	32 / 2	34 / 2	36 / 2
Maximum Connectable Indoor Units	64	64	64
Nominal Cooling Capacity kW	90.0	95.0	100.0
Max Heating Capacity kW	- / 100.0	- / 100.0	- / 100.0
EER / COP Nominal / COP Max Heating	3.46 / - / 3.67	3.21 / - / 3.67	3.02 / - / 3.67
SEER / SCOP	6.33 / 4.06	6.02 / 3.80	5.77 / 3.56
Input Power (Cool / Nom Heat / Max Heat) kW	26.02 / - / 27.26	29.57 / - / 27.26	33.12 / - / 27.26
Dimensions (H x W x D) mm	1,690 x 1,240x2 x 765	1,690 x 1,240x2 x 765	1,690 x 1,240x2 x 765
Weight kg	275x2	275x2	275x2
Sound Pressure Level Cooling / Heating dB(A)	65 / 67	66 / 67	66 / 67
Maximum external static pressure Pa	82	82	82
Pipe Size (Liquid - Discharge - Suction) mm	3/4" - 1 3/8" - NA	3/4" - 1 3/8" - NA	3/4" - 1 5/8" - NA
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO <sub>2</sub> eq-T	11.8x2 (24.6x2)	11.8x2 (24.6x2)	11.8x2 (24.6x2)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz

System operating range, -5°C to 46°C Cooling -20°C to 21°C Heating

Outdoor Unit	AJY342LALBH	AJY360LALBH	AJY378LALBH
Horse Power / Number of Modules	38 / 3	40 / 3	42 / 3
Maximum Connectable Indoor Units	64	64	64
Nominal Cooling Capacity kW	106.0	113.0	118.0
Max Heating Capacity kW	- / 113.0	- / 126.5	- / 131.5
EER / COP Nominal / COP Max Heating	3.41 / - / 4.02	3.62 / - / 3.95	3.54 / - / 3.81
SEER / SCOP	5.78 / 3.68	6.24 / 3.99	6.18 / 3.96
Input Power (Cool / Nom Heat / Max Heat) kW	31.12 / - / 28.13	31.25 / - / 32.05	33.30 / - / 34.51
Dimensions (H x W x D) mm	1,690 x 1,240+930x2 x 765	1,690 x 1,240x2+930 x 765	1,690 x 1,240x2+930 x 765
Weight kg	275+252x2	275x2+252	275x2+252
Sound Pressure Level Cooling / Heating dB(A)	65 / 66	65 / 67	66 / 68
Maximum external static pressure Pa	82	82	82
Pipe Size (Liquid - Discharge - Suction) mm	3/4" - 1 5/8" - NA	3/4" - 1 5/8" - NA	3/4" - 1 5/8" - NA
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO <sub>2</sub> eq-T	11.8+11.7x2 (24.6+24.4x2)	11.8x2+11.7 (24.6x2+24.4)	11.8x2+11.7 (24.6x2+24.4)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz

System operating range, -5°C to 46°C Cooling -20°C to 21°C Heating

V-III HEAT PUMP VRF OUTDOOR UNITS - ENERGY EFFICIENCY

V-III VRF Heat Pump Outdoor Units 44 to 54 HP - Three Phase



Prices exclude outdoor connection kits where required

Outdoor Unit	AJY396LALBH	AJY414LALBH	AJY432LALBH
Horse Power / Number of Modules	44 / 3	46 / 3	48 / 3
Maximum Connectable Indoor Units	64	64	64
Nominal Cooling Capacity kW	123.0	128.0	135.0
Max Heating Capacity kW	- / 131.5	- / 131.5	- / 150.0
EER / COP Nominal / COP Max Heating	3.34 / - / 3.81	3.17 / - / 3.81	3.46 / - / 3.67
SEER / SCOP	5.95 / 3.78	5.76 / 3.61	6.33 / 4.06
Input Power (Cool / Nom Heat / Max Heat) kW	36.85 / - / 34.51	40.40 / - / 34.51	39.03 / - / 40.89
Dimensions (H x W x D) mm	1,690 x 1,240x2+930 x 765	1,690 x 1,240x2+930 x 765	1,690 x 1,240x3 x 765
Weight kg	275x2+252	275x2+252	275x3
Sound Pressure Level Cooling / Heating dB(A)	66 / 68	67 / 68	67 / 69
Maximum external static pressure Pa	82	82	82
Pipe Size (Liquid - Discharge - Suction) mm	3/4" - 1 5/8" - NA	3/4" - 1 5/8" - NA	3/4" - 1 5/8" - NA
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	11.8x2+11.7 (24.6x2+24.4)	11.8x2+11.7 (24.6x2+24.4)	11.8x3 (24.6x3)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz

System operating range, -5°C to 46°C Cooling -20°C to 21°C Heating

Outdoor Unit	AJY450LALBH	AJY468LALBH	AJY486LALBH
Horse Power / Number of Modules	50 / 3	52 / 3	54 / 3
Maximum Connectable Indoor Units	64	64	64
Nominal Cooling Capacity kW	140.0	145.0	150.0
Max Heating Capacity kW	- / 150.0	- / 150.0	- / 150.0
EER / COP Nominal / COP Max Heating	3.29 / - / 3.67	3.14 / - / 3.67	3.02 / - / 3.67
SEER / SCOP	6.11 / 3.87	5.93 / 3.71	5.77 / 3.56
Input Power (Cool / Nom Heat / Max Heat) kW	42.58 / - / 40.89	46.13 / - / 40.89	49.68 / - / 40.89
Dimensions (H x W x D) mm	1,690 x 1,240x3 x 765	1,690 x 1,240x3 x 765	1,690 x 1,240x3 x 765
Weight kg	275x3	275x3	275x3
Sound Pressure Level Cooling / Heating dB(A)	67 / 69	67 / 69	68 / 69
Maximum external static pressure Pa	82	82	82
Pipe Size (Liquid - Discharge - Suction) mm	3/4" - 1 5/8" - NA	3/4" - 1 5/8" - NA	3/4" - 1 5/8" - NA
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	11.8x3 (24.6x3)	11.8x3 (24.6x3)	11.8x3 (24.6x3)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz

System operating range, -5°C to 46°C Cooling -20°C to 21°C Heating

V-III VRF Heat Pump Outdoor Units Energy Efficiency Combinations - Three Phase

Prices exclude outdoor connection kits where required

Outdoor Unit	AJY144LALBHH	AJY162LALBHH	AJY180LALBHH
Horse Power / Number of Modules	16 / 2	18 / 2	20 / 2
Maximum Connectable Indoor Units	34	39	43
Nominal Cooling Capacity kW	44.8	50.4	55.9
Max Heating Capacity kW	- / 50.0	- / 56.5	- / 62.5
EER / COP Nominal / COP Max Heating	4.31 / - / 4.84	4.04 / - / 4.55	3.95 / - / 4.52
SEER / SCOP	- / -	- / -	- / -
Input Power (Cool / Nom Heat / Max Heat) kW	10.40 / - / 10.34	12.48 / - / 12.42	14.16 / - / 13.82
Dimensions (H x W x D) mm	1,690 x 930x2 x 765	1,690 x 930x2 x 765	1,690 x 1,240x930 x 765
Weight kg	252x2	252x2	275+252
Sound Pressure Level Cooling / Heating dB(A)	59 / 61	60 / 62	60 / 62
Maximum external static pressure Pa	82	82	82
Pipe Size (Liquid - Discharge - Suction) mm	1/2" - 1 1/8" - NA	5/8" - 1 1/8" - NA	5/8" - 1 1/8" - NA
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	11.7x2 (24.4x2)	11.7x2 (24.4x2)	11.8+11.7 (24.6+24.4)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz

System operating range, -5°C to 46°C Cooling -20°C to 21°C Heating

### V-III VRF Heat Pump Outdoor Units Energy Efficiency Combinations - Three Phase



Prices exclude outdoor connection kits where required

Outdoor Unit	AJY216LALBHH	AJY234LALBHH	AJY252LALBHH	AJY270LALBHH
Horse Power / Number of Modules	24 / 3	26 / 3	28 / 3	30 / 3
Maximum Connectable Indoor Units	52	56	60	64
Nominal Cooling Capacity kW	67.2	72.8	78.3	84.8
Max Heating Capacity kW	- / 75.0	- / 81.5	- / 87.5	- / 95.0
EER / COP Nominal / COP Max Heating	4.31 / - / 4.84	4.12 / - / 4.63	4.04 / - / 4.61	3.97 / - / 4.42
SEER / SCOP	- / -	- / -	- / -	- / -
Input Power (Cool / Nom Heat / Max Heat) kW	15.60 / - / 15.51	17.68 / - / 17.59	19.36 / - / 18.99	21.36 / - / 21.51
Dimensions (H x W x D) mm	1,690 x 930x3 x 765	1,690 x 930x3 x 765	1,690x1,240+930x2 x 765	1,690 x 1,240+930x2 x 765
Weight kg	252x3	252x3	275+252x2	275+252x2
Sound Pressure Level Cooling / Heating dB(A)	61 / 63	62 / 63	61 / 64	63 / 65
Maximum external static pressure Pa	82	82	82	82
Pipe Size (Liquid - Discharge - Suction) mm	5/8" - 1 3/8" - NA	5/8" - 1 3/8" - NA	5/8" - 1 3/8" - NA	3/4" - 1 3/8" - NA
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	11.7x3 (24.4x3)	11.7x3 (24.4x3)	11.8+11.7x2 (24.6+24.4x2)	11.8+11.7x2 (24.6+24.4x2)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz

System operating range, -5°C to 46°C Cooling -20°C to 21°C Heating

Outdoor Unit	AJY288LALBHH	AJY306LALBHH	AJY324LALBHH	AJY342LALBHH
Horse Power / Number of Modules	32 / 3	34 / 3	36 / 3	38 / 3
Maximum Connectable Indoor Units	64	64	64	64
Nominal Cooling Capacity kW	89.4	95.9	100.5	107.0
Max Heating Capacity kW	- / 100.05	- / 107.5	- / 112.5	- / 120.0
EER / COP Nominal / COP Max Heating	3.87 / - / 4.45	3.82 / - / 4.30	3.74 / - / 4.34	3.70 / - / 4.21
SEER / SCOP	- / -	- / -	- / -	- / -
Input Power (Cool / Nom Heat / Max Heat) kW	23.12 / - / 22.47	25.12 / - / 24.99	26.88 / - / 25.95	28.88 / - / 28.47
Dimensions (H x W x D) mm	1,690 x 1,240x2+930 x 765	1,690 x 1,240x2+930 x 765	1,690 x 1,240x3 x 765	1,690 x 1,240x3 x 765
Weight kg	275x2+252	275x2+252	275x3	275x3
Sound Pressure Level Cooling / Heating dB(A)	61 / 64	63 / 65	63 / 65	64 / 65
Maximum external static pressure Pa	82	82	82	82
Pipe Size (Liquid - Discharge - Suction) mm	3/4" - 1 3/8" - NA	3/4" - 1 3/8" - NA	3/4" - 1 5/8" - NA	3/4" - 1 5/8" - NA
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	11.8x2+11.7 (24.6x2+24.4)	11.8x2+11.7 (24.6x2+24.4)	11.8x3 (24.6x3)	11.8x3 (24.6x3)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz

System operating range, -5°C to 46°C Cooling -20°C to 21°C Heating

Outdoor Unit	AJY360LALBHH	AJY378LALBHH	AJY396LALBHH	AJY414LALBHH
Horse Power / Number of Modules	40 / 3	42 / 3	44 / 3	46 / 3
Maximum Connectable Indoor Units	64	64	64	64
Nominal Cooling Capacity kW	113.5	120.0	125.0	130.0
Max Heating Capacity kW	- / 127.5	- / 135.0	- / 140.0	- / 145.0
EER / COP Nominal / COP Max Heating	3.68 / - / 4.11	3.65 / - / 4.03	3.58 / - / 3.89	3.52 / - / 3.77
SEER / SCOP	- / -	- / -	- / -	- / -
Input Power (Cool / Nom Heat / Max Heat) kW	30.88 / - / 30.99	32.88 / - / 33.51	34.93 / - / 35.97	36.98 / - / 38.43
Dimensions (H x W x D) mm	1,690 x 1,240x3 x 765	1,690 x 1,240x3 x 765	1,690 x 1,240x3 x 765	1,690 x 1,240x3 x 765
Weight kg	275x3	275x3	275x3	275x3
Sound Pressure Level Cooling / Heating dB(A)	64 / 66	65 / 67	66 / 68	66 / 68
Maximum external static pressure Pa	82	82	82	82
Pipe Size (Liquid - Discharge - Suction) mm	3/4" - 1 5/8" - NA	3/4" - 1 5/8" - NA	3/4" - 1 5/8" - NA	3/4" - 1 5/8" - NA
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	11.8x3 (24.6x3)	11.8x3 (24.6x3)	11.8x3 (24.6x3)	11.8x3 (24.6x3)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz

System operating range, -5°C to 46°C Cooling -20°C to 21°C Heating

VR-IV HEAT RECOVERY VRF OUTDOOR UNITS - SPACE SAVING

VR-IV Heat Recovery VRF Outdoor Units 8 to 24 HP - Three Phase



Prices exclude outdoor connection kits where required

Outdoor Unit	AJY072GALBH	AJY090GALBH	AJY108GALBH
Horse Power / Number of Modules	8 / 1	10 / 1	12 / 1
Maximum Connectable Indoor Units	17	21	26
Nominal Cooling Capacity kW	22.4	28.0	33.5
Max Heating Capacity kW	22.4 / 25.0	28.0 / 31.5	33.5 / 37.5
EER / COP Nominal / COP Max Heating	4.11 / 4.74 / 4.39	3.94 / 4.67 / 4.30	3.44 / 4.25 / 3.90
SEER / SCOP	7.85 / 3.62	7.05 / 3.51	6.90 / 3.52
Input Power (Cool / Nom Heat / Max Heat) kW	5.45 / 4.73 / 5.70	7.11 / 6.00 / 7.33	9.75 / 7.89 / 9.62
Dimensions (H x W x D) mm	1,690 x 930 x 765	1,690 x 930 x 765	1,690 x 930 x 765
Weight kg	262	262	262
Sound Pressure Level Cooling / Heating dB(A)	56 / 58	58 / 59	59 / 62
Maximum external static pressure Pa	80	80	80
Pipe Size (Liquid - Discharge - Suction) mm	1/2" - 5/8" - 7/8"	1/2" - 3/4" - 7/8"	1/2" - 3/4" - 1 1/8"
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	11.8 (24.6)	11.8 (24.6)	11.8 (24.6)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz

Sys operation range -10 to 46°C Cooling -20 to 21°C Heating -10 to 21 Simultaneous

Outdoor Unit	AJY126GALBH	AJY144GALBH	AJY162GALBH
Horse Power / Number of Modules	14 / 1	16 / 1	18 / 2
Maximum Connectable Indoor Units	30	34	39
Nominal Cooling Capacity kW	40.0	45.0	50.4
Max Heating Capacity kW	40.0 / 45.0	45.0 / 50.0	- / 56.5
EER / COP Nominal / COP Max Heating	3.53 / 4.52 / 4.13	3.12 / 4.27 / 3.92	4.01 / - / 4.34
SEER / SCOP	7.56 / 4.44	7.17 / 4.09	7.54 / 3.58
Input Power (Cool / Nom Heat / Max Heat) kW	11.34 / 8.85 / 10.90	14.42 / 10.54 / 12.77	12.56 / - / 13.03
Dimensions (H x W x D) mm	1,690 x 1,240 x 765	1,690 x 1,240 x 765	1,690 x 930 x 2 x 765
Weight kg	286	286	262x2
Sound Pressure Level Cooling / Heating dB(A)	60 / 62	61 / 62	60 / 62
Maximum external static pressure Pa	80	80	80
Pipe Size (Liquid - Discharge - Suction) mm	1/2" - 7/8" - 1 1/8"	1/2" - 7/8" - 1 1/8"	5/8" - 7/8" - 1 1/8"
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	11.8 (24.6)	11.8 (24.6)	11.8x2 (24.6x2)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz

Sys operation range -10 to 46°C Cooling -20 to 21°C Heating -10 to 21 Simultaneous

Outdoor Unit	AJY180GALBH	AJY198GALBH	AJY216GALBH
Horse Power / Number of Modules	20 / 2	22 / 2	24 / 2
Maximum Connectable Indoor Units	43	47	52
Nominal Cooling Capacity kW	56.0	61.5	67.0
Max Heating Capacity kW	- / 63.0	- / 69.0	- / 75.0
EER / COP Nominal / COP Max Heating	3.94 / - / 4.30	3.65 / - / 4.07	3.44 / - / 3.90
SEER / SCOP	7.05 / 3.51	7.04 / 3.54	6.90 / 3.52
Input Power (Cool / Nom Heat / Max Heat) kW	14.22 / - / 14.66	16.86 / - / 16.95	19.50 / - / 19.24
Dimensions (H x W x D) mm	1,690 x 930x2 x 765	1,690 x 930x2 x 765	1,690 x 930x2 x 765
Weight kg	262x2	262x2	262x2
Sound Pressure Level Cooling / Heating dB(A)	61 / 62	62 / 63	62 / 64
Maximum external static pressure Pa	80	80	80
Pipe Size (Liquid - Discharge - Suction) mm	5/8" - 7/8" - 1 1/8"	5/8" - 1 1/8" - 1 3/8"	5/8" - 1 1/8" - 1 3/8"
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	11.8x2 (24.6x2)	11.8x2 (24.6x2)	11.8x2 (24.6x2)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz

Sys operation range -10 to 46°C Cooling -20 to 21°C Heating -10 to 21 Simultaneous



## VR-IV Heat Recovery VRF Outdoor Units 26 to 48 HP - Three Phase



Prices exclude outdoor connection kits where required

Outdoor Unit	AJY234GALBH	AJY252GALBH	AJY270GALBH	AJY288GALBH
Horse Power / Number of Modules	26 / 2	28 / 2	30 / 2	32 / 2
Maximum Connectable Indoor Units	56	60	64	64
Nominal Cooling Capacity kW	73.0	78.5	85.0	90.0
Max Heating Capacity kW	- / 81.5	- / 87.5	- / 95.0	- / 100.0
EER / COP Nominal / COP Max Heating	3.39 / - / 4.05	3.25 / - / 3.91	3.30 / - / 4.01	3.12 / - / 3.92
SEER / SCOP	7.15 / 3.84	7.09 / 3.83	7.37 / 4.26	7.17 / 4.09
Input Power (Cool / Nom Heat / Max Heat) kW	21.53 / - / 20.10	24.17 / - / 22.39	25.76 / - / 23.67	28.84 / - / 25.54
Dimensions (H x W x D) mm	1,690 x 1,240+930 x 765	1,690 x 1,240+930 x 765	1,690 x 1,240x2 x 765	1,690 x 1,240x2 x 765
Weight kg	286+262	286+262	286x2	286x2
Sound Pressure Level Cooling / Heating dB(A)	63 / 63	63 / 64	64 / 64	64 / 64
Maximum external static pressure Pa	80	80	80	80
Pipe Size (Liquid - Discharge - Suction) mm	5/8" - 1 1/8" - 1 3/8"	5/8" - 1 1/8" - 1 3/8"	3/4" - 1 1/8" - 1 3/8"	3/4" - 1 1/8" - 1 3/8"
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	11.8x2 (24.6x2)	11.8x2 (24.6x2)	11.8x2 (24.6x2)	11.8x2 (24.6x2)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz

Sys op range -10 to 46°C Cooling -20 to 21°C Heating -10 to 21 Simultaneous

Outdoor Unit	AJY306GALBH	AJY324GALBH	AJY342GALBH	AJY360GALBH
Horse Power / Number of Modules	34 / 3	36 / 3	38 / 3	40 / 3
Maximum Connectable Indoor Units	64	64	64	64
Nominal Cooling Capacity kW	95.0	100.5	106.5	112.0
Max Heating Capacity kW	- / 106.5	- / 112.5	- / 119.0	- / 125.0
EER / COP Nominal / COP Max Heating	3.57 / - / 4.01	3.44 / - / 3.90	3.40 / - / 4.00	3.30 / - / 3.91
SEER / SCOP	7.01 / 3.53	6.90 / 3.52	7.10 / 3.74	7.06 / 3.73
Input Power (Cool / Nom Heat / Max Heat) kW	26.61 / - / 26.57	29.25 / - / 28.86	31.28 / - / 29.72	33.92 / - / 32.01
Dimensions (H x W x D) mm	1,690 x 930x3 x 765	1,690 x 930x3 x 765	1,690 x 1,240+930x2 x 765	1,690 x 1,240+930x2 x 765
Weight kg	262x3	262x3	286+262x2	286+262x2
Sound Pressure Level Cooling / Heating dB(A)	63 / 65	64 / 67	64 / 65	65 / 67
Maximum external static pressure Pa	80	80	80	80
Pipe Size (Liquid - Discharge - Suction) mm	3/4" - 1 1/8" - 1 3/8"	3/4" - 1 1/8" - 1 5/8"	3/4" - 1 3/8" - 1 5/8"	3/4" - 1 3/8" - 1 5/8"
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	11.8x3 (24.6x3)	11.8x3 (24.6x3)	11.8x3 (24.6x3)	11.8x3 (24.6x3)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz

Sys op range -10 to 46°C Cooling -20 to 21°C Heating -10 to 21 Simultaneous

Outdoor Unit	AJY378GALBH	AJY396GALBH	AJY414GALBH	AJY432GALBH
Horse Power / Number of Modules	42 / 3	44 / 3	46 / 3	48 / 3
Maximum Connectable Indoor Units	64	64	64	64
Nominal Cooling Capacity kW	118.0	123.5	130.0	135.0
Max Heating Capacity kW	- / 131.5	- / 137.5	- / 145.0	- / 150.0
EER / COP Nominal / COP Max Heating	3.28 / - / 4.00	3.20 / - / 3.91	3.24 / - / 3.98	3.12 / - / 3.92
SEER / SCOP	7.16 / 3.93	7.13 / 3.92	7.31 / 4.20	7.17 / 4.09
Input Power (Cool / Nom Heat / Max Heat) kW	35.95 / - / 32.87	38.59 / - / 35.16	40.18 / - / 36.44	43.26 / - / 38.31
Dimensions (H x W x D) mm	1,690 x 1,240x2+930 x 765	1,690 x 1,240x2+930 x 765	1,690 x 1,240x3 x 765	1,690 x 1,240x3 x 765
Weight kg	286x2+262	286x2+262	286x3	286x3
Sound Pressure Level Cooling / Heating dB(A)	65 / 66	65 / 67	65 / 67	66 / 67
Maximum external static pressure Pa	80	80	80	80
Pipe Size (Liquid - Discharge - Suction) mm	3/4" - 1 3/8" - 1 5/8"	3/4" - 1 3/8" - 1 5/8"	3/4" - 1 3/8" - 1 5/8"	3/4" - 1 3/8" - 1 5/8"
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	11.8x3 (24.6x3)	11.8x3 (24.6x3)	11.8x3 (24.6x3)	11.8x3 (24.6x3)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz

Sys op range -10 to 46°C Cooling -20 to 21°C Heating -10 to 21 Simultaneous



VR-IV HEAT RECOVERY VRF OUTDOOR UNITS - ENERGY EFFICIENCY

VR-IV Heat Recovery VRF Outdoor Units Energy Efficiency Combinations



Prices exclude outdoor connection kits where required

Outdoor Unit	AJY144GALBHH	AJY198GALBHH	AJY216GALBHH
Horse Power / Number of Modules	16 / 2	22 / 2	24 / 3
Maximum Connectable Indoor Units	34	39	43
Nominal Cooling Capacity kW	44.8	62.4	67.2
Max Heating Capacity kW	- / 50.0	- / 70.0	- / 75.0
EER / COP Nominal / COP Max Heating	4.11 / - / 4.39	3.72 / - / 4.22	4.11 / - / 4.39
SEER / SCOP	- / -	- / -	- / -
Input Power (Cool / Nom Heat / Max Heat) kW	10.90 / - / 11.40	16.79 / - / 16.60	16.35 / - / 17.10
Dimensions (H x W x D) mm	1,690 x 930x2 x 765	1,690 x 1,240x930 x 765	1,690 x 930x3 x 765
Weight kg	262x2	286+262	262x3
Sound Pressure Level Cooling / Heating dB(A)	59 / 61	61 / 63	61 / 63
Maximum external static pressure Pa	80	80	80
Pipe Size (Liquid - Discharge - Suction) mm	1/2" - 7/8" - 1 1/8"	5/8" - 1 1/8" - 1 3/8"	5/8" - 1 1/8" - 1 3/8"
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	11.8x2 (24.6x2)	11.8x2 (24.6x2)	11.8x3 (24.6x3)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz

Sys operation range -10 to 46°C Cooling -20 to 21°C Heating -10 to 21 Simultaneous

Outdoor Unit	AJY234GALBHH	AJY252GALBHH	AJY270GALBHH
Horse Power / Number of Modules	26 / 3	28 / 3	30 / 3
Maximum Connectable Indoor Units	52	56	60
Nominal Cooling Capacity kW	72.8	78.4	84.0
Max Heating Capacity kW	- / 81.5	- / 88.0	- / 94.5
EER / COP Nominal / COP Max Heating	4.04 / - / 4.35	3.99 / - / 4.32	3.94 / - / 4.30
SEER / SCOP	- / -	- / -	- / -
Input Power (Cool / Nom Heat / Max Heat) kW	18.01 / - / 18.73	19.67 / - / 20.36	21.33 / - / 21.99
Dimensions (H x W x D) mm	1,690 x 930x3 x 765	1,690 x 930x3 x 765	1,690 x 930x3 x 765
Weight kg	262x3	262x3	262x3
Sound Pressure Level Cooling / Heating dB(A)	62 / 63	62 / 63	63 / 64
Maximum external static pressure Pa	80	80	80
Pipe Size (Liquid - Discharge - Suction) mm	5/8" - 1 1/8" - 1 3/8"	5/8" - 1 1/8" - 1 3/8"	3/4" - 1 1/8" - 1 3/8"
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	11.8x3 (24.6x3)	11.8x3 (24.6x3)	11.8x3 (24.6x3)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz

Sys operation range -10 to 46°C Cooling -20 to 21°C Heating -10 to 21 Simultaneous

Outdoor Unit	AJY288GALBHH	AJY306GALBHH	AJY324GALBHH
Horse Power / Number of Modules	32 / 3	34 / 3	36 / 3
Maximum Connectable Indoor Units	64	64	64
Nominal Cooling Capacity kW	90.4	96.0	102.4
Max Heating Capacity kW	- / 101.5	- / 108.0	- / 115.0
EER / COP Nominal / COP Max Heating	3.78 / - / 4.24	3.76 / - / 4.23	3.64 / - / 4.18
SEER / SCOP	- / -	- / -	- / -
Input Power (Cool / Nom Heat / Max Heat) kW	23.90 / - / 23.93	25.56 / - / 25.56	28.13 / - / 27.50
Dimensions (H x W x D) mm	1,690 x 1,240x930x2 x 765	1,690 x 1,240x930x2 x 765	1,690 x 1,240x2+930 x 765
Weight kg	286+262x2	286+262x2	286x2+262
Sound Pressure Level Cooling / Heating dB(A)	63 / 64	64 / 65	64 / 66
Maximum external static pressure Pa	80	80	80
Pipe Size (Liquid - Discharge - Suction) mm	3/4" - 1 1/8" - 1 3/8"	3/4" - 1 1/8" - 1 3/8"	3/4" - 1 1/8" - 1 5/8"
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	11.8x3 (24.6x3)	11.8x3 (24.6x3)	11.8x3 (24.6x3)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz

Sys operation range -10 to 46°C Cooling -20 to 21°C Heating -10 to 21 Simultaneous

## VR-IV Heat Recovery VRF Outdoor Units Energy Efficiency Combinations



Prices exclude outdoor connection kits where required

Outdoor Unit	AJY342GALBHH	AJY360GALBHH	AJY378GALBHH	AJY396GALBHH
Horse Power / Number of Modules	38 / 3	40 / 3	42 / 3	44 / 3
Maximum Connectable Indoor Units	64	64	64	64
Nominal Cooling Capacity kW	108.0	113.0	120.0	125.0
Max Heating Capacity kW	- / 121.5	- / 126.5	- / 135.0	- / 140.0
EER / COP Nominal / COP Max Heating	3.63 / - / 4.17	3.44 / - / 4.08	3.53 / - / 4.13	3.37 / - / 4.05
SEER / SCOP	- / -	- / -	- / -	- / -
Input Power (Cool / Nom Heat / Max Heat) kW	29.79 / - / 29.13	32.87 / - / 31.00	34.02 / - / 32.70	37.10 / - / 34.57
Dimensions (H x W x D) mm	1,690 x 1,240x2+930 x 765	1,690 x 1,240x2+930 x 765	1,690 x 1,240x3 x 765	1,690 x 1,240x3 x 765
Weight kg	286x2+262	286x2+262	286x3	286x3
Sound Pressure Level Cooling / Heating dB(A)	64 / 66	65 / 66	65 / 67	65 / 67
Maximum external static pressure Pa	80	80	80	80
Pipe Size (Liquid - Discharge - Suction) mm	3/4" - 1 3/8" - 1 5/8"	3/4" - 1 3/8" - 1 5/8"	3/4" - 1 3/8" - 1 5/8"	3/4" - 1 3/8" - 1 5/8"
Ref. Type (Global Warming Potential)	R410A (2,088)	R410A (2,088)	R410A (2,088)	R410A (2,088)
Refrigerant Charge kg / CO2eq-T	11.8x3 (24.6x3)	11.8x3 (24.6x3)	11.8x3 (24.6x3)	11.8x3 (24.6x3)
Power Source	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz	3Ph-400V-50Hz

Sys op range -10 to 46°C Cooling -20 to 21°C Heating -10 to 21 Simultaneous

## Wall Mounted VRF Indoor Units



Indoor Unit	AS YA004GTEH	AS YA007GTEH	AS YA009GTEH	AS YE004GTEH	AS YE007GTEH	AS YE009GTEH
Nominal Cooling Capacity kW	1.1	2.2	2.8	1.1	2.2	2.8
Nominal Heating Capacity kW	1.3	2.8	3.2	1.3	2.8	3.2
Input Power Cooling / Heating W	13	19	34	13	19	34
Dimensions (H x W x D) mm	262 x 820 x 206	262 x 820 x 206	262 x 820 x 206	262 x 820 x 206	262 x 820 x 206	262 x 820 x 206
Weight kg	7.5	7.5	7.5	7.5	7.5	7.5
Sound Pressure Level - min / max dB(A)	22 / 31	22 / 35	22 / 43	22 / 31	22 / 35	22 / 43
Pipe Size (Liquid - Gas) mm	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"
Power Source	1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz
<b>Indoor Unit Price</b>						

AS YA indoor units have an internal EEV, AS YE indoor units require external EEV kit, UTREV09XB

Indoor Unit	AS YA012GCEH	AS YA014GCEH	AS YE012GCEH	AS YE014GCEH
Nominal Cooling Capacity kW	3.6	4.0	3.6	4.0
Nominal Heating Capacity kW	4.0	4.5	4.0	4.5
Input Power Cooling / Heating W	25	36	25	36
Dimensions (H x W x D) mm	268 x 840 x 203	268 x 840 x 203	268 x 840 x 203	268 x 840 x 203
Weight kg	8.5	8.5	8.5	8.5
Sound Pressure Level - min / max dB(A)	24 / 40	24 / 44	24 / 40	24 / 44
Pipe Size (Liquid - Gas) mm	1/4" - 1/2"	1/4" - 1/2"	1/4" - 1/2"	1/4" - 1/2"
Power Source	1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz
<b>Indoor Unit Price</b>				

AS YA indoor units have an internal EEV, AS YE indoor units require external EEV kit, UTREV14XB

Indoor Unit	AS YA18GBCH	AS YA24GBCH	AS YA030GTEH	AS YA034GTEH
Nominal Cooling Capacity kW	5.6	7.1	9.0	10.0
Nominal Heating Capacity kW	6.3	8.0	10.0	11.2
Input Power Cooling / Heating W	32	60	74	103
Dimensions (H x W x D) mm	320 x 998 x 238	320 x 998 x 238	340 x 1,150 x 280	340 x 1,150 x 280
Weight kg	15.0	15.0	18.0	18.0
Sound Pressure Level - min / max dB(A)	41 / 41	48 / 48	33 / 53	33 / 55
Pipe Size (Liquid - Gas) mm	1/4" - 1/2"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
Power Source	1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz
<b>Indoor Unit Price</b>				

VRF INDOOR UNITS

Compact Cassette - Grid type VRF Indoor Units



Indoor Unit		AUXB004GLEH	AUXB007GLEH	AUXB009GLEH	AUXB012GLEH	AUXB014GLEH	AUXB018GLEH	AUXB024GLEH
Nominal Cooling Capacity	kW	1.1	2.2	2.8	3.6	4.5	5.6	7.1
Nominal Heating Capacity	kW	1.3	2.8	3.2	4.1	5.0	6.3	8.0
Input Power Cooling / Heating	W	23	25	25	29	35	36	84
Dimensions (H x W x D)	mm	245 x 570 x 570 (Excluding Grille)						
Weight	kg	14.5	15.0	15.0	15.0	15.0	17.0	17.0
Sound Pressure Level - min / max	dB(A)	21 / 34	25 / 34	25 / 35	27 / 37	27 / 38	27 / 41	30 / 50
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	1/4" - 1/2"	1/4" - 1/2"	3/8" - 5/8"
Power Source		1Ph-230V-50Hz						

Indoor unit price excludes grille, UTGUFYEW

Cassette Slim Type - 4 Way Flow VRF Indoor Units



Indoor Unit		AUXD18GALH	AUXD24GALH
Nominal Cooling Capacity	kW	5.6	7.1
Nominal Heating Capacity	kW	6.3	8.0
Input Power Cooling / Heating	W	39	46
Dimensions (H x W x D)	mm	246 x 840 x 840 Excluding Grille	246 x 840 x 840 (Excluding Grille)
Weight	kg	22.0	22.0
Sound Pressure Level - min / max	dB(A)	29 / 36	29 / 38
Pipe Size (Liquid - Gas)	mm	3/8" - 5/8"	3/8" - 5/8"
Power Source		1Ph-230V-50Hz	1Ph-230V-50Hz

Indoor unit price excludes grille, UTGUGYAW

Cassette Large Type - Circular Flow VRF Indoor Units (5.6 to 10.0kW)



Indoor Unit		AUXK018GLEH	AUXK024GLEH	AUXK030GLEH	AUXK034GLEH
Nominal Cooling Capacity	kW	5.6	7.1	9.0	10.0
Nominal Heating Capacity	kW	6.3	8.0	10.0	11.2
Input Power Cooling / Heating	W	40	40	47	47
Dimensions (H x W x D)	mm	288 x 840 x 840 (Excluding Grille)			
Weight	kg	26.5	26.5	29.5	29.5
Sound Pressure Level - min / max	dB(A)	33 / 38	33 / 38	33 / 39	33 / 39
Pipe Size (Liquid - Gas)	mm	1/4" - 1/2"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
Power Source		1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz

Indoor unit price excludes grille, UTGUKYCW £181

Cassette Large Type - Circular Flow VRF Indoor Units (11.2 to 14.0kW)



Indoor Unit		AUXK036GLEH	AUXK045GLEH	AUXK054GLEH
Nominal Cooling Capacity	kW	11.2	12.5	14.0
Nominal Heating Capacity	kW	12.5	14.0	16.0
Input Power Cooling / Heating	W	61	89	116
Dimensions (H x W x D)	mm	288 x 840 x 840 (Excluding Grille)		
Weight	kg	29.5	29.5	29.5
Sound Pressure Level - min / max	dB(A)	33 / 41	33 / 44	33 / 47
Pipe Size (Liquid - Gas)	mm	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
Power Source		1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz

Indoor unit price excludes grille, UTGUKYCW £181

## Low Static Pressure Duct Mini Duct (with drain pump) VRF Indoor Units

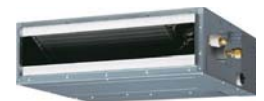
Sizes 4 to 12, Static Pressure Range 0 to 30 PA, Sizes 14 to 24, Static Pressure Range 0 to 50 PA



Indoor Unit		ARXK004GLGH	ARXK007GLGH	ARXK009GLGH	ARXK012GLGH	ARXK014GLGH	ARXK018GLGH	ARXK024GLGH
Nominal Cooling Capacity	kW	1.1	2.2	2.8	3.6	4.5	5.6	7.1
Nominal Heating Capacity	kW	1.3	2.8	3.2	4.0	5.0	6.3	8.0
Input Power Cooling / Heating	W	26	28	28	35	66	73	80
Dimensions (H x W x D)	mm	198 x 700 x 450	198 x 700 x 450	198 x 700 x 450	198 x 700 x 450	198 x 700 x 450	198 x 900 x 450	198 x 1,100 x 450
Weight	kg	14.5	15.5	15.5	16.0	16.0	19.0	22.5
Sound Pressure Level - min / max	dB(A)	20 / 25	21 / 26	21 / 26	22 / 29	22 / 34	22 / 33	22 / 32
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	1/4" - 1/2"	1/4" - 1/2"	3/8" - 5/8"
Power Source		1Ph-230V-50Hz						

## Low Static Pressure Duct Slim Duct / Slim Conealed Floor VRF Indoor Units

Static Pressure Range 0 to 90 PA



Indoor Unit		ARXD04GALH	ARXD007GLEH	ARXD009GLEH	ARXD012GLEH
Nominal Cooling Capacity	kW	1.1	2.2	2.8	3.6
Nominal Heating Capacity	kW	1.3	2.8	3.2	4.0
Input Power Cooling / Heating	W	40	44	50	54
Dimensions (H x W x D)	mm	198 x 700 x 620	198 x 700 x 620	198 x 700 x 620	198 x 700 x 620
Weight	kg	17.0	17.0	17.0	18.0
Sound Pressure Level - min / max	dB(A)	22 / 26	21 / 28	21 / 29	22 / 30
Pipe Size (Liquid - Gas)	mm	1/4" - 1/2"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"
Power Source		1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz

## Low Static Pressure Duct Slim Duct / Slim Conealed Floor VRF Indoor Units (4.5 to 7.1kW)

Size 14 to 18, Static Pressure Range 0 to 90 PA, Size 24 Static Pressure Range 0 to 50 PA

Indoor Unit		ARXD014GLEH	ARXD018GLEH	ARXD024GLEH
Nominal Cooling Capacity	kW	4.5	5.6	7.1
Nominal Heating Capacity	kW	5.0	6.3	8.0
Input Power Cooling / Heating	W	92	83	122
Dimensions (H x W x D)	mm	198 x 700 x 620	198 x 900 x 620	198 x 1,100 x 620
Weight	kg	18.0	22.0	26.0
Sound Pressure Level - min / max	dB(A)	22 / 34	23 / 34	21 / 35
Pipe Size (Liquid - Gas)	mm	1/4" - 1/2"	1/4" - 1/2"	3/8" - 5/8"
Power Source		1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz

## Medium Static Pressur Duct- Normal VRF Indoor Units

Static Pressure Range 0 to 150 PA



Indoor Unit		ARXA024GLEH	ARXA030GLEH	ARXA036GLEH	ARXA045GLEH
Nominal Cooling Capacity	kW	7.1	9.0	11.2	12.5
Nominal Heating Capacity	kW	8.0	10.0	12.5	14.0
Input Power Cooling / Heating	W	94	108	194	240
Dimensions (H x W x D)	mm	270 x 1,135 x 700	270 x 1,135 x 700	270 x 1,135 x 700	270 x 1,135 x 700
Weight	kg	36.0	40.0	40.0	40.0
Sound Pressure Level - min / max	dB(A)	23 / 31	29 / 34	33 / 37	36 / 41
Pipe Size (Liquid - Gas)	mm	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
Power Source		1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz

Indoor unit price excludes filter UTDLF25NA £63 & Spiggot UTDRF204

VRF INDOOR UNITS

### High Static Pressure Duct - VRF Indoor Units 11.2 to 18.0kW

Sizes 36 Static Pressure Range 0 to 200 PA, Sizes 45 to 60 Static Pressure Range 100 to 250 PA



Indoor Unit		ARXC036GTEH	ARXC45GATH	ARXC60GATH
Nominal Cooling Capacity	kW	11.2	12.5	18.0
Nominal Heating Capacity	kW	12.5	14.0	20.0
Input Power Cooling / Heating	W	207	715	730
Dimensions (H x W x D)	mm	400 x 1,050 x 500	400 x 1,050 x 500	400 x 1,050 x 500
Weight	kg	40.0	46.0	46.0
Sound Pressure Level - min / max	dB(A)	32 / 42	42 / 49	42 / 49
Pipe Size (Liquid - Gas)	mm	3/8" - 5/8"	3/8" - 3/4"	3/8" - 3/4"
Power Source		1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz

Size 36 to 60 are flare connections, Filter for sizes 036, 045 & 060 UTDLF60KA £63

### High Static Pressure Duct - VRF Indoor Units 22.4 to 28.0kW

Sizes 72 to 96 Static Pressure Range 0 to 300PA



Indoor Unit		ARXC072GTEH	ARXC090GTEH	ARXC096GTEH
Nominal Cooling Capacity	kW	22.4	25.0	28.0
Nominal Heating Capacity	kW	25.0	28.0	31.5
Input Power Cooling / Heating	W	681	819	838
Dimensions (H x W x D)	mm	450 x 1,587 x 700	450 x 1,587 x 700	550 x 1,587 x 700
Weight	kg	84.0	84.0	105.0
Sound Pressure Level - min / max	dB(A)	40 / 47	44 / 48	42 / 48
Pipe Size (Liquid - Gas)	mm	3/8" - 3/4"	3/8" - 3/4"	3/8" - 7/8"
Power Source		1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz

Size 72 to 90 are flare connections, size 96 are brazed connections

### Compact Floor - Internal EEV VRF Indoor Units



Indoor Unit		AGYA004GCGH	AGYA007GCGH	AGYA009GCGH	AGYA012GCGH	AGYA014GCGH
Nominal Cooling Capacity	kW	1.1	2.2	2.8	3.6	4.0
Nominal Heating Capacity	kW	1.3	2.8	3.2	4.0	4.5
Input Power Cooling / Heating	W	14	16	17	22	29
Dimensions (H x W x D)	mm	600 x 740 x 200	600 x 740 x 200	600 x 740 x 200	600 x 740 x 200	600 x 740 x 200
Weight	kg	14.5	15.0	15.0	15.0	15.0
Sound Pressure Level - min / max	dB(A)	22 / 36	22 / 37	22 / 38	30 / 42	30 / 46
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	1/4" - 1/2"
Power Source		1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz

## Compact Floor - External EEV VRF Indoor Units



Indoor Unit		AGYE004GCEH	AGYE007GCEH	AGYE009GCEH	AGYE012GCEH	AGYE014GCEH
Nominal Cooling Capacity	kW	1.1	2.2	2.8	3.6	4.0
Nominal Heating Capacity	kW	1.3	2.8	3.2	4.0	4.5
Input Power Cooling / Heating	W	12 / 14	16	17	22	29
Dimensions (H x W x D)	mm	600 x 740 x 200	600 x 740 x 200	600 x 740 x 200	600 x 740 x 200	600 x 740 x 200
Weight	kg	14.5	14.5	14.5	14.5	14.5
Sound Pressure Level - min / max	dB(A)	22 / 36	22 / 37	22 / 38	30 / 42	30 / 46
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 1/2"	1/4" - 1/2"
Power Source		1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz

EEV Kit for size 4 to 9 UTREV09XB £76, size 12 & 14 UTREV14XB

## Floor / Ceiling VRF Indoor Units



Indoor Unit		ABYA012GTEH	ABYA014GTEH	ABYA018GTEH	ABYA024GTEH
Nominal Cooling Capacity	kW	3.6	4.5	5.6	7.1
Nominal Heating Capacity	kW	4.0	5.0	6.3	8.0
Input Power Cooling / Heating	W	30	42	74	99
Dimensions (H x W x D)	mm	199 x 990 x 655	199 x 990 x 655	199 x 990 x 655	199 x 990 x 655
Weight	kg	25.0	26.0	26.0	27.0
Sound Pressure Level - min / max	dB(A)	28 / 36	34 / 40	35 / 46	37 / 47
Pipe Size (Liquid - Gas)	mm	1/4" - 1/2"	1/4" - 1/2"	1/4" - 1/2"	3/8" - 5/8"
Power Source		1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz

## Ceiling Suspended VRF Indoor Units



Indoor Unit		ABYA030GTEH	ABYA036GTEH	ABYA045GTEH	ABYA054GTEH
Nominal Cooling Capacity	kW	9.0	11.2	12.5	14.0
Nominal Heating Capacity	kW	10.0	12.5	14.0	16.0
Input Power Cooling / Heating	W	66	85	131	180
Dimensions (H x W x D)	mm	240 x 1,660 x 700	240 x 1,660 x 700	240 x 1,660 x 700	240 x 1,660 x 700
Weight	kg	46.0	48.0	48.0	48.0
Sound Pressure Level - min / max	dB(A)	33 / 42	34 / 45	35 / 48	36 / 51
Pipe Size (Liquid - Gas)	mm	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
Power Source		1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz

VRF ACCESSORIES

### Single Type RB Units



RB Unit		UTPRX01AH	UTPR X01BH	UTPRX01CH
Power source		1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz
Input power	W	17	24	31
Number of branches		1	1	1
Maximum capacity of connectable indoor units (Q)	kW	Q <= 8.0	Q <= 18.0	Q <= 28.0
Maximum capacity of connectable indoor units per branch (Q)	kW	Q <= 8.0	Q <= 18.0	Q <= 28.0
Maximum number of connectable indoor units per branch		3	8	8
Dimensions (H×W×D)	mm	198×298×268	198×298×268	198×298×268

### Multi Type RB Units



RB Unit		UTPRX04BH	UTPRX08AH	UTPRX12AH
Power source		1Ph-230V-50Hz	1Ph-230V-50Hz	1Ph-230V-50Hz
Input power	W	96	136	204
Number of branches		4	8	12
Maximum capacity of connectable indoor units (Q)	kW	Q <= 56.1*1	Q <= 72.0	Q <= 95.0
Maximum capacity of connectable indoor units per branch (Q)	kW	Q <= 18.0	Q <= 8.0	Q <= 8.0
Maximum number of connectable indoor units per branch		8	7	7
Dimensions (H×W×D)	mm	260×658×428	298×660×618	298×990×618

\*1: In case of two RB units connected in series ( total 8-branches ), maximum capacity of connectable indoor units is up to 56.0 kW.

### 3 Pipe Separation Tubes & Headers



Seperation Tube Model Number	UTPBX090A	UTPBX180A	UTPBX567A
Total cooling capacity of indoor unit (kW)	28.0 or less	28.1 to 56.0	56.1 or mores

Header Model Number	UTPJ0906A	UTPJ0908A	UTPJ1806A	UTPJ1808A
Total cooling capacity of indoor unit (kW)	28.0 or less		28.1 to 56.0	
Branches	3-6	3-8	3-6	3-8

### 2 Pipe Separation Tubes & Headers



Seperation Tube Model Number	UTPAX054A	UTPAX090A	UTPAX180A	UTPAX567A
Total cooling capacity of indoor unit (kW)	19.6 or less	28.0 or less	28.1 to 56.0	56.1 or mores

Header Model Number	UTRH0906L	UTRH0908L	UTRH1806L	UTRH1808L
Total cooling capacity of indoor unit (kW)	28.0 or less		28.1 to 56.0	
Branches	3-6	3-8	3-6	3-8

### Outdoor Unit Branch Kits



Model Number	UTPCX567A	UTPDX567A
Suitable For	VIII	VR-IV