

VRF

AIR-CONDITIONING SYSTEM

VRF-Outdoor Unit: YAV
 Cassette: CKV/KXV
 Floor-Ceiling: SXV
 Ducted: DLV / DSV
 Wall-Mounted: PNV



VRF-OUTDOOR UNIT
YAV 112-140H



PRODUCT ADVANTAGES

- 2 sizes with nom. capacity of 11,2 and 14 kW.
- Top class COP up to 4,31.
- DC Inverter compressor.
- DC fan motor.
- R410A refrigerant.
- Single phase power supply outdoor unit.
- Minimum footprint.
- Dry contacts (In- & Out-put).
- Advanced pressure control technology to ensure optimum running.
- Precise refrigerant flow control using a 480 step Electronic Expansion.
- Silence mode reduces outdoor noise level by 3dB(A) during night.
- Precharged outdoor unit with additional charge can support maximum 200m tube length.
- Operation mode setting via outdoor unit display.
- Partial power shedding via dry contact.
- Self-diagnosing function.
- Easy installation.
- 3 Tubing connect directions: Front, side and rear.
- Outdoor ambient operation limit -15°C in heating.
- Outdoor ambient operation limit – 10°C in cooling.

Receiver IRD



RC7-V



LWCS



LWC





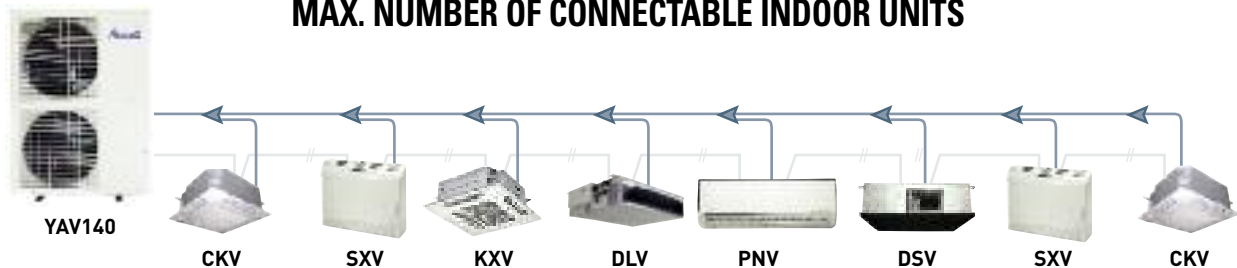
YAV112H
YAV140H



VRF OUTDOOR UNIT

		YAV112H	YAV140H
Cooling	Capacity	kW 11,2	14,0
	Power input	kW 2,8	4,0
	EER/Energy label	4 / A	3,5 / A
	Operating limits	°C -10/46°C Dry Bulb	-10/46°C Dry Bulb
Heating	Capacity	kW 12,5	16,0
	Power input	kW 2,97	3,9
	COP/Energy label	4,21 / A	4,1 / A
	Operating limits	°C -15/24°C Dry Bulb	-15/24°C Dry Bulb
Outdoor unit	Sound pressure (Normal mode)	dB(A) 54	55
	Sound pressure (Silence mode)	dB(A) 49	50
	Airflow	m³/h 6000	6000
	Compressor type	Twin rotary DC Inverter	Twin rotary DC Inverter
	Refrigerant charge	kg 4,5	5
	Number of connectable indoor units	6	8
	Dimensions (HxWxD)	mm 1277x950x340	1277x950x340
	Net Weight	kg 120	125
	Part number	7SP061714	7SP061715
	Price	€	
Power supply 1-230V - 50Hz	Running Ampere cooling mode	A 13,9	19,4
	Running Ampere heating mode	A 16,2	20,3
Pipe line	Suction pipe diameter	inches 5/8"	5/8"
	Liquid pipe diameter	inches 3/8"	3/8"

MAX. NUMBER OF CONNECTABLE INDOOR UNITS



Accessories	Indoor unit	SXV	DLV	DSV	PNV	KXV	CKV
LWC (Optional)	Part number	7ACEL1502	7ACEL1502	7ACEL1502	7ACEL1502	7ACEL1502	7ACEL1502
LWCS (Optional)	Part number	7ACEL1503	7ACEL1503	7ACEL1503	7ACEL1503	7ACEL1503	7ACEL1503
RC7-V (Optional)	Part number	7ACEL1507	7ACEL1507	7ACEL1507	7ACEL1507	7ACEL1507	7ACEL1507
IRD (Optional)	Part number	7ACEL1504	7ACEL1504	7ACEL1504	7ACEL1504	7ACEL1504	7ACEL1504
TJT kit	Part number	7ACVF0480	7ACVF0480	7ACVF0480	7ACVF0480	7ACVF0480	7ACVF0480

Note: IRD is an infrared received, use to Ducted unit in case a customer wants to use wireless remote controller operate the units.
One Ducted unit can connected to one IRD. The maximum wire length is limited up to 8 m.