



### Technical Features



RAL 9016  
standard



Other colors  
on request



Range  
Up to 4,2 m



Heating types  
**Heat Pump**  
**Gas R32 / R410a**



Casing  
**Galvanised Steel**  
**Self-Supporting**



Airflow / Length  
**1640 - 5110 m³/h**  
**1m to 2,5m**



Heating capacity  
**8 - 25 kW**



Grille type  
**Suction lamellas with**  
**pre-filter included**



Fans  
**Centrifugal**  
**5-speed**



Control  
**Plug&Play Advanced PRO**  
**+ IR remote control**



Outlet vanes  
**Aluminium, airfoil type**  
**Adjustable**

RECESSED WINDBOX DX air curtain for heat pump SAMSUNG.

Energy saving heat pump air curtain: Up to 70% reduction in costs and CO2 emissions (heating mode).

Self-supporting casing construction made of galvanized steel plate, ready to be installed recessed in a false ceiling.

Inlet grille (free of maintenance) made with aluminium profiles and blow-out nozzle, integrated in a single white frame colour RAL 9016. Other colours are available on request. Internal prefilter included.

Anodized aluminium outlet vanes, airfoil shaped, adjustable in both directions.

Low noise double-inlet centrifugal fans with external rotor motor. 5-speed controller. EC models assembled with very low consumption efficiency fans.

Includes only heating direct expansion coil with installed temperature sensors. Under request it can be modified to work in cooling and heating mode (not recommended) with optional condensate water pump.

Advanced Plug&Play control. Includes: Advanced PRO control with LCD display and integrated thermostat, door contact, 7m RJ11 cable and remote control.

DX VRF: Ready to connect to SAMSUNG CAC outdoor heat pump unit (R410A).

Requires SAMSUNG DX Interface KIT adapted for air curtain and programmable control, please consult.

#### AIR CURTAIN SPECIFICATIONS

Model	Airflow m³/h	Ventilation power 230V-50/60Hz kW	Ventilation current 230V-50/60Hz A	Outdoor unit (*) 230Vx1	Outdoor unit (*) 400Vx3	Pipes gas-liquid inch	Noise level (5 m) dB(A)	Weight kg
RECM 1000 DX8-SA	1640	0,142	1,24	AC71RXADNG/EU	-	5/8" - 3/8"	56	63
RECM 1500 DX11-SA	2460	0,213	1,86	AC100RXADKG/EU	AC100RXADNG/EU	5/8" - 3/8"	57	93
RECM 2000 DX19-SA	3280	0,284	2,48	-	AC200KXAPNH/EU	3/4" - 3/8"	58	122
RECM 2500 DX21-SA	4100	0,355	3,10	-	AC200KXAPNH/EU	3/4" - 3/8"	59	153
RECM 2500 DX24-SA	4100	0,355	3,10	-	AC250KXAPNH/EU	7/8" - 3/8"	59	153
RECG 1500 DX13-SA	2920	0,284	2,48	AC120RXADKG/EU	AC120RXADNG/EU	5/8" - 3/8"	62	98
RECG 2000 DX23-SA	4380	0,426	3,72	-	AC200KXAPNH/EU	3/4" - 3/8"	63	131
RECG 2500 DX25-SA	5110	0,497	4,34	-	AC250KXAPNH/EU	7/8" - 3/8"	64	163

(\*) Direct expansion valve inbuilt in the outdoor unit

#### OUTDOOR UNIT SPECIFICATIONS

Outdoor unit model (*)	Heating capacity kW	COP o SCOP	Cooling capacity kW	EER o SEER	Power supply	Pipes gas-liquid inch	Pipes minimum - maximum length m	Pipes maximum height m
AC71RXADNG/EU	8	3,20	6,8	2,93	230Vx1	5/8" - 3/8"	5 - 50	30
AC100RXADKG/EU	11,2	3,20	10	2,90	230Vx1	5/8" - 3/8"	5 - 50	30
AC100RXADNG/EU	11,2	3,27	10	2,92	400Vx3	5/8" - 3/8"	5 - 50	30
AC120RXADKG/EU	13,2	3,42	12	2,66	230Vx1	5/8" - 3/8"	5 - 50	30
AC120RXADNG/EU	13,2	3,48	12	2,67	400Vx3	5/8" - 3/8"	5 - 50	30
AC200KXAPNH/EU	23	3,45	20	3,10	400Vx3	3/4" - 3/8"	5 - 75	30
AC250KXAPNH/EU	27	3,24	25	2,61	400Vx3	7/8" - 3/8"	5 - 75	30

Energy efficiency: SCOP/SEER seasonal ≤12kW, COP/EER >12kW.

Outdoor unit capacities depending on standard conditions: heating 20°CDB indoor / 7°CDB and 6°CWB outdoor, cooling 27°CDB and 19°CWB indoor / 35°CDB outdoor.

When adverse weather conditions, the outdoor unit capacity can decrease. It is recommendable to oversize the units.

(\*) Outdoor units with R32 gas: ACxxxRXADNG/EU y ACxxxRXADKG/EU. Outdoor units with R410A gas: AC200KXAPNH/EU y AC250KXAPNH/EU.



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Self-Supporting**



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**1640 - 5110 m³/h  
1m to 2,5m**



Heating capacity  
**8 - 29 kW**



Grille type  
**Suction lamellas with  
pre-filter included**



Fans  
**Centrifugal  
5-speed**



Control  
**Plug&Play Advanced PRO  
+ IR remote control**



Outlet vanes  
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Adjustable**

RECESSED WINDBOX VRF air curtain for heat pump SAMSUNG.

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Self-supporting casing construction made of galvanized steel plate, ready to be installed recessed in a false ceiling.

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Anodized aluminium outlet vanes, airfoil shaped, adjustable in both directions.

Low noise double-inlet centrifugal fans with external rotor motor. 5-speed controller. EC models assembled with very low consumption efficiency fans.

Includes only heating direct expansion coil with installed temperature sensors. Under request it can be modified to work in cooling and heating mode (not recommended) with optional condensate water pump.

Advanced Plug&Play control. Includes: Advanced PRO control with LCD display and integrated thermostat, door contact, 7m RJ11 cable and remote control.

DX VRF: Ready to connect to SAMSUNG VRF outdoor heat pump unit (R410A), not included, the customer should purchase it.

Requires SAMSUNG VRF Interface KIT adapted for air curtain with expansion valve and programmable control, please consult.

### AIR CURTAIN SPECIFICATIONS

Model	Airflow m³/h	Ventilation power 230V-50/60Hz kW	Ventilation current 230V-50/60Hz A	Kit (*)	Pipes gas-liquid inch	Noise level (5 m) dB(A)	Weight kg
RECM 1000 VRF8-SA	1640	0,142	1,24	MXD-K025AN	5/8" - 3/8"	56	63
RECM 1500 VRF13-SA	2460	0,213	1,86	MXD-K050AN	5/8" - 3/8"	57	93
RECM 2000 VRF16-SA	3280	0,284	2,48	MXD-K050AN	5/8" - 3/8"	58	122
RECM 2500 VRF24-SA	4100	0,355	3,10	MXD-K075AN	7/8" - 3/8"	59	153
RECG 1000 VRF10-SA	2190	0,213	1,86	MXD-K025AN	5/8" - 3/8"	61	67
RECG 1500 VRF15-SA	2920	0,284	2,48	MXD-K050AN	5/8" - 3/8"	62	98
RECG 2000 VRF20-SA	4380	0,426	3,72	MXD-K050AN	3/4" - 3/8"	63	131
RECG 2000 VRF24-SA	4380	0,426	3,72	MXD-K075AN	7/8" - 3/8"	63	131
RECG 2500 VRF29-SA	5110	0,497	4,34	MXD-K075AN	7/8" - 3/8"	64	163

When adverse weather conditions, the outdoor unit capacity can decrease. It is recommendable to oversize the units.

(\*) Direct expansion valve included with the kit.

The VRF-compatible models are as follows:

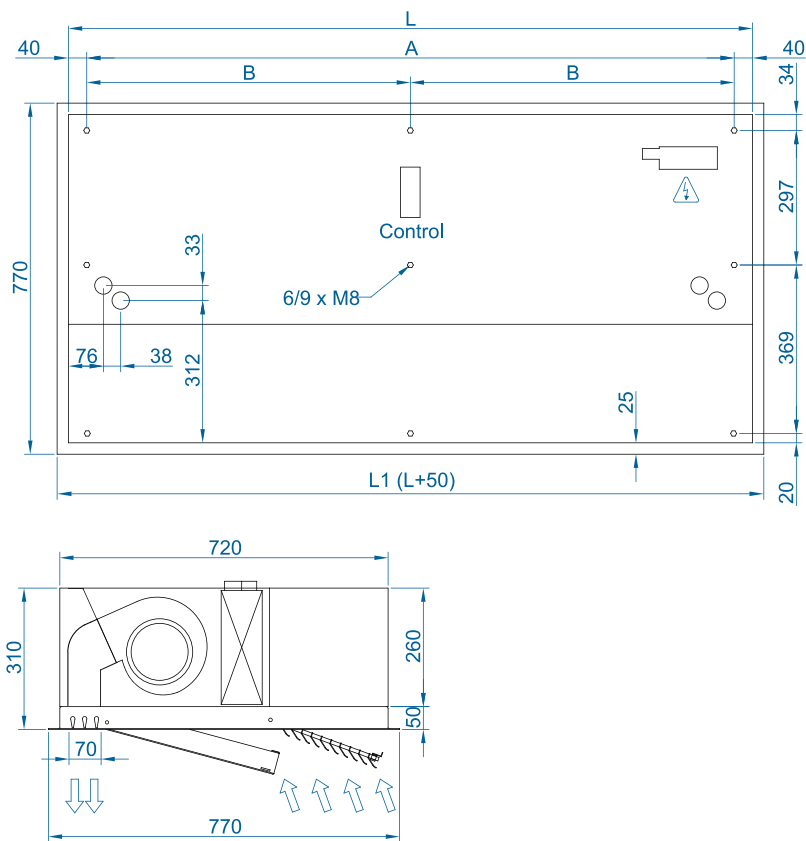
- DVM S
- DVM S Eco



Selection program



Dimensions



Model	L	L1	A	B
1000	1000	1050	920	-
1500	1500	1550	1420	710
2000	2000	2050	1920	960
2500	2500	2550	2420	1210

CAD drawings, BIM files, installation manuals and other documents



Accessories

Supports and installation



Wall rail support  
SPWR



Silentblock supports  
SPANG-SIL / SLB



Gripple hanger  
SPCT

Control



ADVANCED PRO  
✓ Included



IR Control  
✓ Included



RJ11 Cable  
✓ Included

Sensors and valves



Magnetic door contact  
DC  
✓ Included



Mechanical door contact  
DC



Condensate water pump  
for DX air curtains