



Technical Features



RAL 9016
standard



Stainless
steel



Other colors
on request



Range
Up to 4,2 m



Heating types
Heat Pump
Gas R32 / R410a



Casing
Galvanised Steel
Self-Supporting



Airflow / Length
2190 - 5110 m³/h
1m to 2,5m



Heating capacity
12,5 - 29 kW



Grille type
Rectangular perforated
40x4 with pre-filter
included



Fans
Centrifugal
5-speed



Control
Plug&Play Advanced PRO
+ IR remote control
(Optional Clever PRO)



Outlet vanes
Aluminium, airfoil type
Adjustable

Decorative, minimalist and elegant, ZEN air curtain is it the favorite for architects and designers to include in their projects. Its smart design and high performance is perfect to blend with any building's internal or external aesthetics. Apart from seamlessly integrating into any space, ZEN can become an active part of the decor and ambience of the premises offering more features than a standard air curtain.

In heating, it reduces consumption and CO2 emissions by up to 70%.

Sensors pre-installed in the direct expansion coil.

Efficient EC centrifugal fans with low consumption, double inlet with external rotor motor and low noise level. Internal pre-filter included.

Plug&Play Slave DX control programmable according to the door status. Consult other regulation options (slave or master).

Ready to connect to DAIKIN Inverter outdoor heat pump unit (R410A) and expansion valve not included, the customer should purchase it.

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
ZEN ECG 1000 DX10-DA	2190	0,213	1,86	ERA 100 AV	ERA 100 AY	5/8" - 3/8"	61	40
ZEN ECG 1500 DX13-DA	2920	0,284	2,48	ERA 125 AV	ERA 125 AY	5/8" - 3/8"	62	57
ZEN ECG 1500 DX15-DA	2920	0,284	2,48	ERA 140 AV	ERA 140 AY	5/8" - 3/8"	62	57
ZEN ECG 2000 DX22-DA	4380	0,426	3,72	-	ERA 200 AYF	3/4" - 3/8"	63	78
ZEN ECG 2500 DX25-DA	5110	0,497	4,34	-	ERA 250 AYF	3/4" - 3/8"	64	95
ZEN ECG 2500 DX29-DA	5110	0,497	4,34	-	ERA 300 AYF	3/4" - 3/8"	64	95

(*) Direct expansion valve not included

OUTDOOR UNIT SPECIFICATIONS

DAIKIN Inverter outdoor unit model	Heating capacity kW	COP or SCOP	Cooling capacity kW	EER or SEER	Voltage	Gas-liquid pipes inch	Minimum pipe length m	Maximum pipe length m	Maximum pipe height m
ERA 100 AV	12,1	5,10	12,1	8,20	230Vx1	5/8" - 3/8"	5 - 55	35	30
ERA 125 AV	14,0	4,70	14,0	7,70	230Vx1	5/8" - 3/8"	5 - 55	35	30
ERA 140 AV	15,5	4,70	15,5	7,60	230Vx1	5/8" - 3/8"	5 - 55	30	30
ERA 100 AY	12,1	4,90	12,1	7,90	400Vx3	5/8" - 3/8"	5 - 55	35	30
ERA 125 AY	14,0	4,50	14,0	7,40	400Vx3	5/8" - 3/8"	5 - 55	30	30
ERA 140 AY	15,5	4,50	15,5	7,30	400Vx3	5/8" - 3/8"	5 - 55	30	30
ERA 200 AYF	22,4	4,42	22,4	6,36	400Vx3	3/4" - 3/8"	5 - 55	30	30
ERA 250 AYF	28,0	4,42	28,0	6,96	400Vx3	3/4" - 3/8"	5 - 55	30	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.



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Sensors pre-installed in the direct expansion coil.

Efficient EC centrifugal fans with low consumption, double inlet with external rotor motor and low noise level. Internal pre-filter included.

Plug&Play Slave DX control programmable according to the door status. Consult other regulation options (slave or master).

Ready to connect to DAIKIN VRV outdoor heat pump unit (R410A) and expansion valve not included, the customer should purchase it.

AIR CURTAIN SPECIFICATIONS

Model	Airflow m ³ /h	Ventilation power 230V-50/60Hz kW	Ventilation current 230V-50/60Hz A	Expansion valve	Pipes gas-liquid inch	Noise level (5 m) dB(A)	Weight kg
ZEN ECG 1000 VRV10-DA	2190	0,21	1,86	EKEXVA 80	5/8" – 3/8"	61	40
ZEN ECG 1500 VRV13-DA	2920	0,28	2,48	EKEXVA 100	5/8" – 3/8"	62	57
ZEN ECG 1500 VRV15-DA	2920	0,28	2,48	EKEXVA 125	5/8" – 3/8"	62	57
ZEN ECG 2000 VRV20-DA	4380	0,43	3,72	EKEXVA 200	3/4" – 3/8"	63	78
ZEN ECG 2000 VRV24-DA	4380	0,43	3,72	EKEXVA 200	3/4" – 3/8"	63	78
ZEN ECG 2500 VRV25-DA	5110	0,497	4,34	EKEXVA 200	3/4" – 3/8"	64	95
ZEN ECG 2500 VRV29-DA	5110	0,497	4,34	EKEXVA 250	7/8" – 3/8"	64	95

VRV-compatible models are as follows:

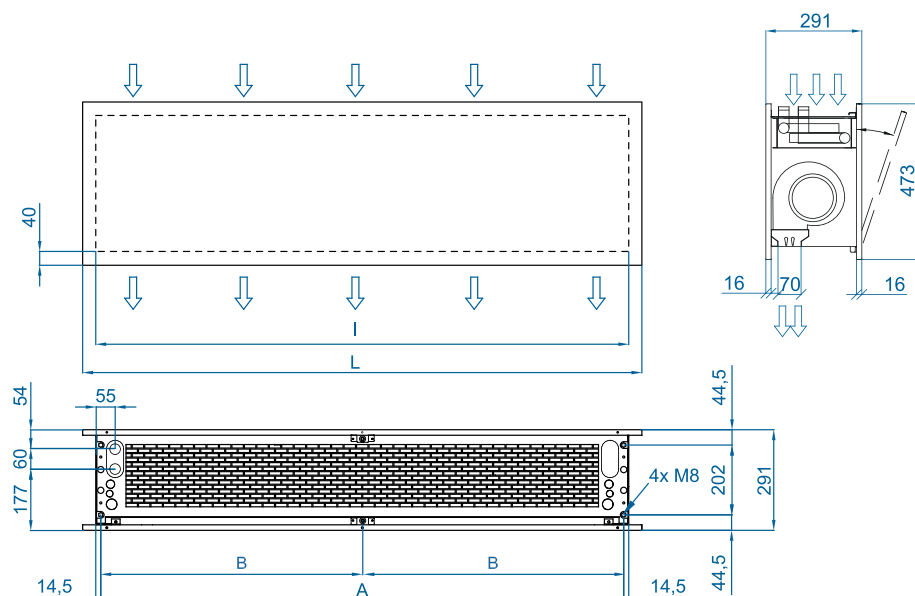
- VRV IV HP (Heat Pump)
- VRV IV HR (Heat Recovery)
- VRV V HP
- VRV V HR



Selection program

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

Dimensions



Model	E	I	A
1000	1220	1140	1115
1500	1620	1544	1515
2000	2120	2044	2015
2500	2620	2544	2515

CAD drawings, BIM files, installation manuals and other documentation



Finishings



Vertical installation





Accessories

Supports and installation



Wall rail support
SPWR



Silentblock supports
SPANG-SIL / SLB



Gripple hanger
SPCT



Angle support
SPWA



Arm support
SPARM



Omega support
SPT4

Control



ADVANCED PRO
✓ Included



IR Control
✓ Included



RJ11 Cable
✓ Included



CLEVER PRO

Sensors and valves



Magnetic door contact
DC



Mechanical door contact
DC