



## Technical Features



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  
**10,8 - 27 kW**

Grille type  
**Rectangular perforated**  
**40x4**

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

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

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

RAL 9016  
standard



Stainless  
steel



Other colors  
on request



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%.

Prepared to connect to LG Inverter heat pump (R32/R410) with direct expansion valve, not included, to be purchased by the customer.

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.

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

**Includes DX Interface Kit PAHCMRA000 adapted for the air curtain, and LG PREMTB001 programmable control.**

### 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-LG	2190	0,213	1,86	UUD1 U30	UUD3 U30	5/8" - 3/8"	61	40
ZEN ECG 1500 DX15-LG	2920	0,284	2,48	UUD1 U30	UUD3 U30	5/8" - 3/8"	62	57
ZEN ECG 2000 DX20-LG	4380	0,426	3,72	-	UU70W U34	1"1/8 - 3/8"	63	78
ZEN ECG 2000 DX22-LG	4380	0,426	3,72	-	UU70W U34	1"1/8 - 3/8"	63	78
ZEN ECG 2500 DX22-LG	5110	0,497	4,34	-	UU70W U34	1"1/8 - 3/8"	64	95
ZEN ECG 2500 DX27-LG	5110	0,497	4,34	-	UU85W U74	7/8" - 1/2"	64	95

(\*) Includes direct expansion valve.

### OUTDOOR UNIT SPECIFICATIONS

LG inverter model Outdoor Unit	Heating capacity kW	COP or SCOP	Cooling capacity kW	EER or SEER	Power supply	Pipes gas-liquid inch	Pipes minimum - maximum length m	Pipes maximum height m
UUD1 U30 (36)	10,8	4,5	9,5	7,6	230Vx1	5/8" - 3/8"	5 - 50	30
UUD1 U30 (42)	13,5	4,5	12,1	7,4	230Vx1	5/8" - 3/8"	5 - 85	30
UUD1 U30 (48)	15,5	4,5	13,4	6,8	230Vx1	5/8" - 3/8"	5 - 85	30
UUD1 U30 (60)	17,5	4,5	15	6,6	230Vx1	5/8" - 3/8"	5 - 85	30
UUD3 U30 (36)	10,8	4,5	9,5	7,6	400Vx3	5/8" - 3/8"	5 - 85	30
UUD3 U30 (42)	13,5	4,5	12,1	7,4	400Vx3	5/8" - 3/8"	5 - 85	30
UUD3 U30 (48)	15,5	4,5	13,4	6,8	400Vx3	5/8" - 3/8"	5 - 85	30
UUD3 U30 (60)	17,5	4,5	15	6,6	400Vx3	5/8" - 3/8"	5 - 85	30
UU70W U34	22,4	3,5	19	2,84	400Vx3	1"1/8 - 3/8"	5 - 75	30
UU85W U74	27	3,25	23	2,81	400Vx3	7/8" - 1/2"	5 - 75	30

Energy efficiency: SCOP/SEER seasonal  $\leq 12$  kW, COP/EER  $> 12$  kW.

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: UUD1 U30. Outdoor units with R410A gas: UU70W U34 and UU85W U74.



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**2190 - 5110 m³/h**  
**1m to 2,5m**



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**10 - 29 kW**



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**Rectangular perforated**  
**40x4**



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



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**Plug&Play Advanced PRO**  
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**Aluminium, airfoil type**  
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In heating, it reduces consumption and CO2 emissions by up to 70%.

Prepared to connect to LG VRF outdoor heat pump unit (R32/R410) with direct expansion valve, not included, to be purchased by the customer.

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.

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

**Requires LG VRF 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	Expansion valve	Pipes gas-liquid inch	Noise level (5 m) dB(A)	Weight kg
ZEN ECG 1000 VRF10-LG	2190	0,213	1,86	PRLK048A0	5/8" – 3/8"	61	47
ZEN ECG 1500 VRF15-LG	2920	0,284	2,48	PRLK048A0	5/8" – 3/8"	62	57
ZEN ECG 2000 VRF20-LG	4380	0,426	3,72	PRLK048A0	1"1/8 – 3/8"	63	78
ZEN ECG 2000 VRF24-LG	4380	0,426	3,72	PRLK048A0	1"1/8 – 3/8"	63	78
ZEN ECG 2500 VRF25-LG	5110	0,497	4,34	PRLK048A0	1"1/8 – 3/8"	64	95
ZEN ECG 2500 VRF29-LG	5110	0,497	4,34	PRLK048A0	7/8" – 1/2"	64	95

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

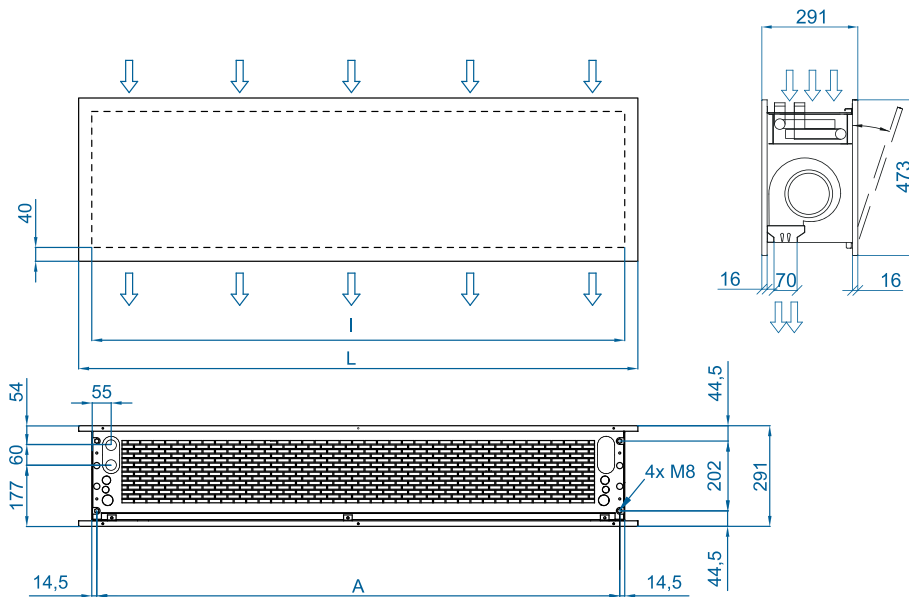
The VRF-compatible models are as follows:

- Multi V S
- Multi V 5
- Multi V IV



Selection program

## Dimensions

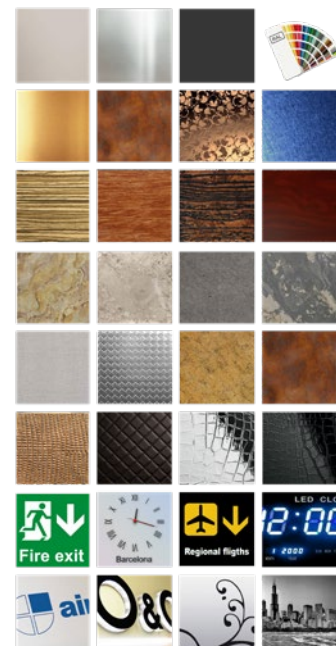


Model	E	I	A
1000	1220	1140	1115
1500	1620	1544	1515
2000	2120	2044	2015
2500	2620	2544	2515

CAD drawings, BIM files, installation  
manuals and other documentation



## Finishings



standard /  
painted

decorative  
metals

wood

stone

industrial

leather

signage

logos /  
images

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  
✓ Included



Mechanical door contact  
DC