

# ZEN VRF-CA | Heat Pump Energy Saving Air Curtains For CARRIER Outdoor Units (VRF)



## Characteristics



- Energy saving heat pump air curtains: Up to 70% reduction in costs and CO<sub>2</sub> emissions (heating mode).
- Decorative air curtain in contemporary architectural style. Its minimalist and smart design integrates in any environment and offers infinite options to customize.
- Can include personalized logotypes, signs or graphic designs. It can even incorporate clocks or lighting.
- Front anodized aluminium panels. Optionally manufactured in brushed or mirror polished stainless steel. Other materials are possible, such as wood, metal, etc.
- Central structure made of galvanized steel finished in black forge as standard. Other colours are available on request.
- Anodized aluminium outlet vanes, airfoil shaped, adjustable in both directions.
- EC Double-inlet centrifugal fans driven by an external rotor motor and low noise level, with very low consumption efficiency fans.
- Includes direct expansion coil with sensors. Optional condensate water pump.
- CS-5DX-NE Plug&Play control with 5 speeds and telephone cable 7m included.
- Requires CARRIER VRF Interface KIT adapted for air curtain, programmable control and expansion valve, please consult.
- Ready to connect to CARRIER VRF outdoor heat pump unit (R410A), not included, the customer should purchase it.

## Specifications

Model	Airflow m <sup>3</sup> /h	Carrier Direct Expansion Valve	Power Fan 230V-50Hz kW	Current Fan 230V-50Hz A	Noise Level (5 m) dB(A)	Weight kg
ZEN ECG 1000 VRF10-CA	2190	MMDXV140	0,213	1,86	61	40
ZEN ECG 1500 VRF13-CA	2920	MMDXV140	0,284	2,48	62	57
ZEN ECG 1500 VRF15-CA	2920	MMDXV140	0,284	2,48	62	57
ZEN ECG 2000 VRF20-CA	4380	MMDXV280	0,426	3,72	63	78
ZEN ECG 2000 VRF24-CA	4380	MMDXV280	0,426	3,72	63	78
ZEN ECG 2500 VRF25-CA	5110	MMDXV280	0,497	4,34	64	95
ZEN ECG 2500 VRF29-CA	5110	MMDXV280	0,497	4,34	64	95

### CARRIER VRF Outdoor Units

XPower Mini VRF and XPower VRF 2 pipes (Heat Pump)

XPower VRF 3 pipes (Heat Recovery)

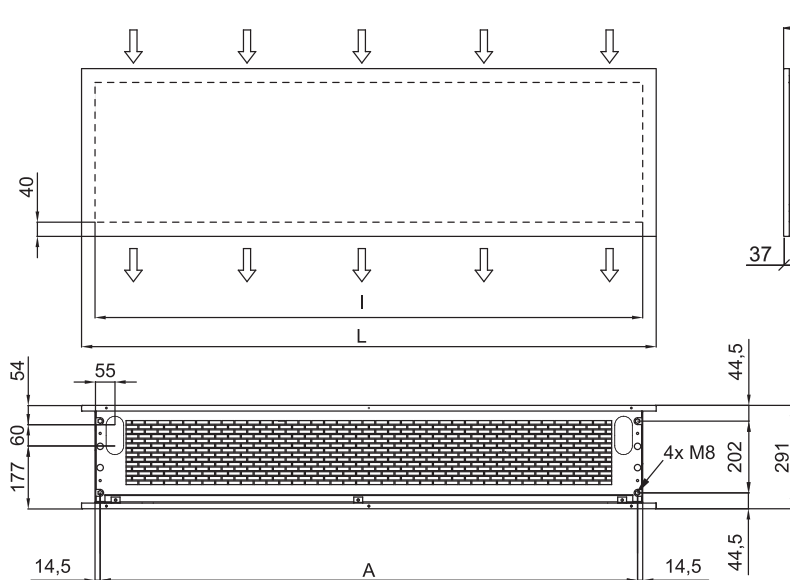


When adverse weather conditions, the outdoor unit capacity can decrease. It is recommendable to oversize the units.

# ZEN VRF-CA | Heat Pump Energy Saving Air Curtains For CARRIER Outdoor Units (VRF)

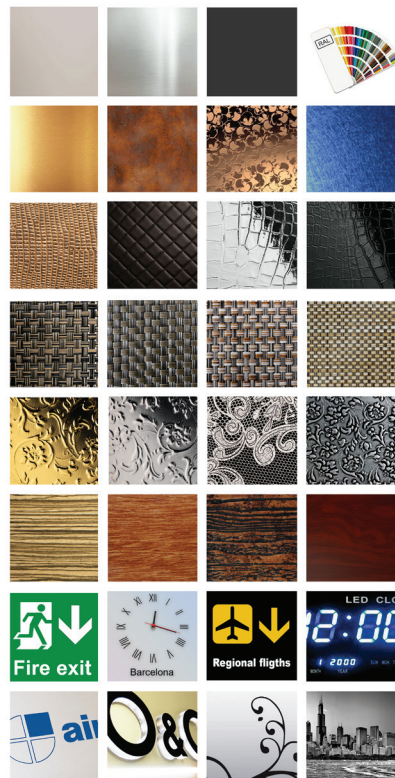


## Dimensions



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

## Finishes



- Painted any RAL colour or metal
- Different materials: aluminium, stainless steel AISI 304 (brushed or polished), wood, glass, PVC/PES, etc.
- Logos, lights, clocks, signs, vinyls, patterns, etc.