



Technical Features



Range
Up to 4,2 m



Heating types
Heat pump
Gas R32



Casing
Galvanised Steel
Self-Supporting



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



Heating capacity
9,7 - 28 kW



Grille type
Micro-perforated with
pre-filter included



Fans
EC Double Inlet
Centrifugal



Control
Plug&Play Advanced PRO
Interface Slave



Outlet vanes
Airfoil type
Adjustable

RAL 9016
standard



Stainless
steel



Other colors
on request



Decorative, minimalist and elegant, ZEN air curtain is the favourite of architects and designers to include in their building projects. Its smart design and high performance is perfect to blend with any building's internal or external aesthetics, being also an active part of decoration or premises environment. ZEN air curtain offers infinite possibilities of customization. Its energy saving heat pump compatible version achieves a reduction of up to 70% in consumption and CO2 emissions (in heating mode).

Interface Slave communication.

Prepared for connection to TOSHIBA Inverter heat pump (R32) with direct expansion valve, not included.

Air curtain specifications

Model	Airflow m ³ /h	Fans power 230V-50/60Hz kW	Fans current 230V-50/60Hz A	Outdoor unit 230Vx1	Outdoor unit 400Vx3	Gas-Liquid pipe connections inch	Noise Level (5 m) dB(A)	Weight kg
ZEN ECG 1000 DX10-TO	2190	0,213	1,86	RAV-GM1103ATP-E	RAV-GM1103AT8P-E	5/8" - 3/8"	61	40
ZEN ECG 1500 DX13-TO	2920	0,284	2,48	RAV-GM1403ATP-E	RAV-GM1404AT8P-E	5/8" - 3/8"	62	57
ZEN ECG 1500 DX15-TO	2920	0,284	2,48	RAV-GM1603ATP-E	RAV-GM1603AT8P-E	5/8" - 3/8"	62	57
ZEN ECG 2000 DX24-TO	4380	0,426	3,72	-	RAV-GM2203ATP8-E	1" 1/8 - 1/2"	63	78
ZEN ECG 2500 DX25-TO	5110	0,497	4,34	-	RAV-GM2203ATP8-E	1" 1/8 - 1/2"	64	95
ZEN ECG 2500 DX28-TO	5110	0,497	4,34	-	RAV-GM2803AT8P-E	1" 1/8 - 1/2"	64	95

Outdoor unit specifications

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
RAV-GM1103ATP-E	11,6	4,2	9,5	5,3	230Vx1	5/8" - 3/8"	5	50	30
RAV-GM1103AT8P-E	11,6	4,2	9,5	5,3	400Vx3	5/8" - 3/8"	5	50	30
RAV-GM1403ATP-E	13	4,2	12,1	5,4	230Vx1	5/8" - 3/8"	5	50	30
RAV-GM1404AT8P-E	13	4,2	12,1	5,4	400Vx3	5/8" - 3/8"	5	50	30
RAV-GM1603ATP-E	16	3,9	14	5,3	230Vx1	5/8" - 3/8"	5	50	30
RAV-GM1603AT8P-E	16	3,9	14	5,3	400Vx3	5/8" - 3/8"	5	50	30
RAV-GM2203ATP8-E	22,4	3,9	19	3,2	400Vx3	1" 1/8 - 1/2"	5	100	30
RAV-GM2803AT8P-E	27	3,6	22,5	2,8	400Vx3	1" 1/8 - 1/2"	5	100	30

Also compatible with the Super Digital Inverter range, up to 100m pipe length.



Technical Features



Range
Up to 4,2 m



Heating types
**Heat pump
Gas R410a**



Casing
**Galvanised Steel
Self-Supporting**



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



Heating capacity
9,7- 29 kW



Grille type
**Micro-perforated with
pre-filter included**



Fans
**EC Double Inlet
Centrifugal**



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



Outlet vanes
**Airfoil type
Adjustable**

RAL 9016
standard



Stainless
steel



Other colors
on request



Decorative, minimalist and elegant, ZEN air curtain is the favourite of architects and designers to include in their building projects. Its smart design and high performance is perfect to blend with any building's internal or external aesthetics, being also an active part of decoration or premises environment. ZEN air curtain offers infinite possibilities of customization. Its energy saving heat pump compatible version achieves a reduction of up to 70% in consumption and CO2 emissions (in heating mode).

Prepared for connection to TOSHIBA VRF heat pump (R410A) not included.

Air curtain specifications

Model	Airflow m³/h	Fans power 230V-50/60Hz kW	Fans current 230V-50/60Hz A	Expansion valve	Gas-Liquid pipe connections inch	Noise level (5 m) dB(A)	Weight kg
ZEN ECG 1000 VRF10-TO	2190	0,213	1,86	MM-DXV140	5/8" – 3/8"	61	40
ZEN ECG 1500 VRF13-TO	2920	0,284	2,48	MM-DXV140	5/8" – 3/8"	62	57
ZEN ECG 2000 VRF24-TO	4380	0,426	3,72	RBM-A101UPVA-E	1" 1/8 – 1/2"	63	78
ZEN ECG 2500 VRF25-TO	5110	0,497	4,34	RBM-A101UPVA-E	1" 1/8 – 1/2"	64	95

VRF-compatible models are as follows:

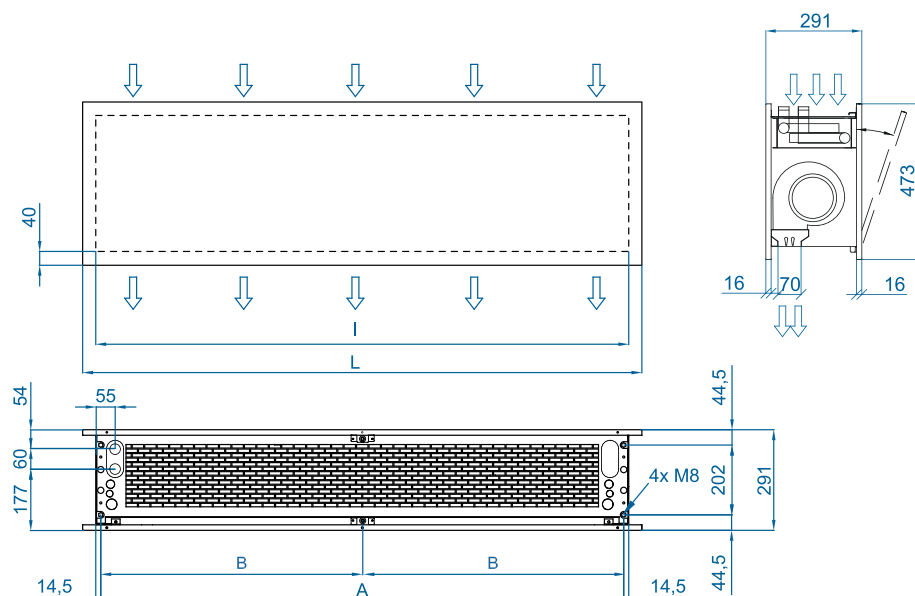
- SMMS-e low coolant charge & MiNi SMMS-e
- SMMS-e
- SMMSu
- SHRM-e



Selection program



Dimensions



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

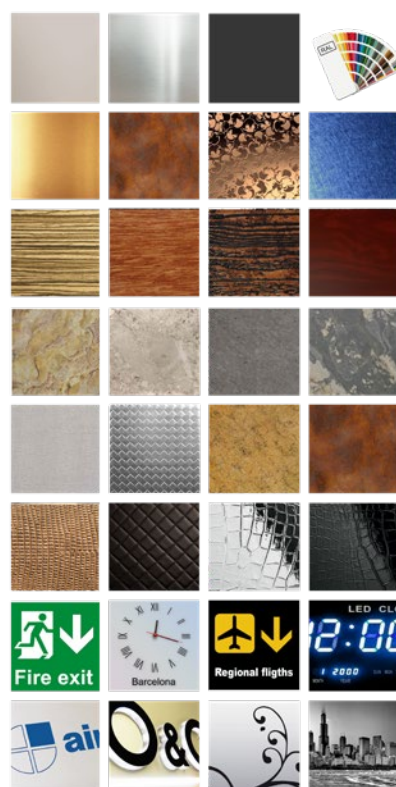
CAD drawings, BIM files, installation
manuals and other documentation



Finishings



Vertical installation



standard /
painted

decorative
metal

crocco /
leather

screen

vintage /
floral

wood

signage

logos /
images



Accessories

Supports



Wall rail support
SPWR



Silentblock supports
SPANG-SIL / SLB



Grippler hanger
SPCT



Angle support
SPWA



Arm support
SPARM



Omega support
SPT4

Control



ADVANCED PRO
✓ Included



IR Control
✓ Included



RJ11 Cable
✓ Included



CLEVER PRO

Sensors



Magnetic door contact
DC
✓ Included



Mechanical door contact
DC