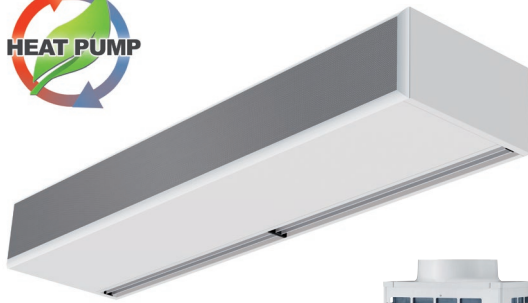




## Characteristics



**TOSHIBA**



- Energy saving heat pump air curtains: Up to 70% reduction in costs and CO<sub>2</sub> emissions (heating mode).
- Self-supporting casing construction made of galvanized steel plate, finished in structural epoxy-polyester painting white colour RAL9016 as standard. Other colours or stainless steel are available on request.
- Micro-perforated inlet grille with filter functions and easy service. Internal prefilter included.
- Anodized aluminium outlet vanes, airfoil shaped, adjustable from 0 to 15° each side.
- 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 TOSHIBA VRF Interface KIT adapted for air curtain, programmable control and expansion valve, please consult.
- Ready to connect to TOSHIBA VRF outdoor heat pump unit (R410A), not included, the customer should purchase it.

## Specifications

Model	Airflow m <sup>3</sup> /h	Toshiba Direct Expansion Valve	Power Fans 230V-50Hz kW	Current Fans 230V-50Hz A	Noise Level (5 m) dB(A)	Weight kg
ECM 1500 VRF12-TO	2460	MMDXV140	0,198	1,71	57	53
ECM 2000 VRF16-TO	3280	MMDXV140	0,264	2,28	58	69
ECM 2000 VRF19-TO	3280	MMDXV280	0,264	2,28	58	69
ECM 2500 VRF21-TO	4100	MMDXV280	0,330	2,85	59	86
ECM 2500 VRF24-TO	4100	MMDXV280	0,330	2,85	59	86
ECM 3000 VRF26-TO	4920	MMDXV280	0,396	3,42	60	103
ECG 1000 VRF10-TO	2190	MMDXV140	0,225	1,95	61	50
ECG 1500 VRF13-TO	2920	MMDXV140	0,300	2,60	62	59
ECG 1500 VRF15-TO	2920	MMDXV140	0,300	2,60	62	59
ECG 2000 VRF20-TO	4380	MMDXV280	0,450	3,90	63	92
ECG 2000 VRF24-TO	4380	MMDXV280	0,450	3,90	63	92
ECG 2500 VRF25-TO	5110	MMDXV280	0,525	4,55	64	96
ECG 2500 VRF29-TO	5110	MMDXV280	0,525	4,55	64	96
ECG 3000 VRF29-TO	5840	MMDXV280	0,600	5,20	65	109

Version available for models: ECM, ECG - Recessed Windbox, Smart, Dam, Recessed Dam  
ECG - Zen, Rund, Invisair, Rotowind

## TOSHIBA VRF Outdoor Units

Mini, Mini SMMSe, SMMSe (Heat Pump)

SHRMe (Heat Recovery)



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