

SPECIFICATIONS

Item		Model		TFV2000DM-E			
Condenser	Type			Aluminum fin & copper tubes			
	Fan			ø440mm Turbo fan x 2			
	Fan speed	Engine	min ⁻¹	2550/1761 (High speed/Low speed)			
Mortor		1336					
Motor	Type			Totally-enclosed fan-cooled outdoor type			
	Power supply			3-phase AC 400V 50Hz			
	Rated output		kW	10.8			
	Number of poles			4			
Inside container temperature control				Electronic thermostat			
Operation control				Microcomputer controller			
Defrosting device				Automatic (with defrost timer) and manual			
Sound power level	Engine high-speed	dB(A)	76 (7m in front of the unit)				
Refregerant	Type			R404A			
	Charge volume		kg	10.5			
Safety device	High-pressure switch		MPa	Cut out : 3.2 [32.5]			
	Engine oil pressure switch		[kg/cm ² G]	Cut in : 2.2 [22.5]			
	Engine water temperature switch		°C	Cut out : 0.05 [0.5]			
	Fusible plug		°C	Cut out : 110			
	Motor over-current relay		A	95			
	Others			42			
Unit dimensions	Host unit		mm	W2000 x H2138 x D430			
	Evaporator unit			Host evaporator	TMEVX		
					-L	-M	-S
		W	1659	2000	1000	760	
		H	1148	200	200	200	
	D	100	753	753	753		
Weight	Host unit (Excluding battery)		kg	920			
	Host unit accessory			3			
	Evaporator unit			—			
	Multi kit (For installation at tail end)			49			
	Connection pipe (Provided the length of pipe installed at tail end is 15 m)			30			
			7 (per remote evaporator)				
			Approx. 20 (In case of 2-compartment specification) (Details vary depending on the length of pipe necessary for installation.)				

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Working environment	Inside container temperature	°C	-30 ~ +25			
	Ambient temperature	°C	-20 ~ +40			
Drive system			Dedicated engine (diesel) and motor			
Operating system			Automatic start/stop and continuous operation selection			
Freezing capacity (Sub-engine drive) (1)(2)	Evaporator unit type		Host	TMEVX		
			evaporator	-L	-M	-S
	Ambient temperature		°C	30	30	30
	Inside container temperature	0°C	W			
-20°C						
Model			4TNV88-SMRE			
Sub-engine	Rated output / speed	High speed	kW/min ⁻¹	25.7/2100		
		Low speed		17.7/1450		
	Displacement		cm ³	2189		
	Bore x Stroke x Cylinders		mm	ø88 x 90 x 4		
	Fuel			Diesel fuel		
	Oil	Type	L	Diesel oil 10W30, CE (API) or above		
Capacity		13.5				
Model			CR2453LVR-A			
Displacement		cm ³	528			
Refrigeration machine oil	Type	L	Diamond Freeze MA32R			
	Charge volume		2.4			
Working speed	Engine	min ⁻¹	2100/1450 (High speed/Low speed)			
	Mortor		1100			
Evaporator unit type		Host evaporator	TMEVX			
			-L	-M	-S	
Type			Aluminum fin & copper tubes			
Fan			ø310mm Double suction turbo fan with casing	ø222mm turbo fan		
Motor			—	DC brushless motor		
Quantity			1	4	3	2
Fan speed		min ⁻¹	2550 (3)	2600	2600	2600
Ventilation volume		m ³ /min	95 (3)	47.9	30.8	20.1

Note (1): Freezing capacity shows the value in case of single evaporator operation.

(2): Each freezing capacity varies depending on the length of installed suction pipe.

(3): Data of the host evaporator is applicable to the engine drive and the high speed.