

# SPECIFICATIONS

Item		Model	TFV2000D-E	
Freezing capacity	Conditions (Ambient temp. 35°C)	°C	Return air temperature -20	Return air temperature 0
	Sub-engine drive	W	9770	19209
	Standby motor drive (50Hz)		6970	12490
Functions			Cooling/heating	
Working environment	Inside container temperature	°C	-30 ~ +25	
	Ambient temperature		-20 ~ +40	
Unit dimensions	W x H x D	Outside	2000 x 2138 x 430	
		Inside	1659 x 1150 x 100	
Unit weight		kg	830 (Excluding battery)	
Drive system			Exclusive sub-engine and standby motor	
Operating system			Automatic start/stop and continuous operation selecting	
Sub-engine	Model		4TNV88-SMRE	
	Displacement	cm <sup>3</sup>	2189	
	Bore x Stroke x Cylinders	mm	ø8 x 90 x 4	
	Continuous operation fuel consumption	L/h	2.1 (Ambient temperature 35°C, inside container temperature 0°C)	
	Oil capacity	L	13.5 (Diesel oil 10W30, CE (API))	
	Fuel		Diesel fuel (Intense cold season: cold weather fuel)	
	Rated output/speed	kW/min-1	<High speed> 25.7/2100, <Low speed> 17.7/1450	
Compressor	Model		CR2453LVR-A	
	Working speed	min-1	<High speed> 2100, <Low speed> 1450	
	Bore x Stroke x Cylinders	mm	ø5 x 55.6 x 4	
	Refrigeration machine oil charge volume	L	2.4 (Diamond Freeze MA32R)	
Evaporator	Type		Aluminum fin & copper tubes	
	Fan		Double suction turbo fan with casing	
	Fan speed	min-1	Sub-engine drive: <High speed> 2550, <Low speed> 1760, Standby motor drive (50Hz): 1333	
Condenser	Type		Aluminum fin & copper tubes	
	Fan		Turbo fan x 2	
	Fan speed	min-1	Sub-engine drive: <High speed> 2550, <Low speed> 1760, Standby motor drive (50Hz): 1333	
Standby motor	Type		Totally-enclosed fan-cooled outdoor type	
	Power supply		3-phase AC 400V 50Hz	
	Rated output	kW(50Hz)	10.8	
	Number of poles		4	
Refrigerant charge volume		kg	R404A, 8.0 / R452, 8.0	
Design pressure	High pressure side	Mpa	3.24	
	Low pressure side		2.26	
Inside container temperature control			Electronic thermostat	
Operation control			Microcomputer controller	
Defrosting device			Automatic (with defrost timer) and manual	
Safety device			High-pressure switch, engine oil pressure switch, engine water temperature switch, fusible plug, motor over current relay, limit switch	