

# SPECIFICATIONS

Item		Model	TNW6E-5					
Cooling capacity	Conditions	°C	Ambient temp. 35					
	Engine drive	W	Return air temperature -20	Return air temperature 0	Return air temperature -20	Return air temperature 0	Return air temperature -20	Return air temperature 0
	Motor drive		3900	6800	3900	6800	3900	6800
Function			Cooling and Heating					
Range of usage	Inside temperature	°C	-30 ~ +25					
	Ambient temperature		-20 ~ +40					
Equipment dimensions	Condensing unit	mm	1770 · 595 · 780					
	Evaporator unit		1220 · 330 · 730					
Unit weight		kg	487	488		450		
Drive system			Exclusive engine or motor			Exclusive engine		
Operation system			Automatic start/stop or continuous operation change-over system					
Sub-engine	Type		4-cycle water-cooled vertical diesel engine L3E2-33NCC					
	Rated continuous output	ps/min <sup>1</sup>	<High speed> 11.2/2200 <Low speed> 7.8/1700					
	Displacement	cm <sup>3</sup>	952					
	Bore · Stroke · No. of cylinders	mm	ø76 · 70 · 3					
	Oil capacity	r	9.5 (Oil type API Class CD Grade)					
	Fuel		Diesel fuel (Intense cold season: cold weather fuel)					
	Cooling system		Water cooling type					
	Applicable revolution speed	min <sup>-1</sup>	<High speed> 2200 <Low speed> 1700					
Compressor	Model		CR2318LWL-F					
	Delivery rate	cm <sup>3</sup> /rev	182					
	Bore · Stroke · No. of cylinders	mm	ø45 · 38 · 3					
	Applicable revolution speed	min <sup>-1</sup>	<High speed> 2420 <Low speed> 1870 (In case of motor, 1500 (50Hz))					
	Refrigerator oil filling amount	r	Diamond Freeze MA32, 0.9					
Evaporator	Type		Aluminum fin and copper tubes					
	Fan		Axial flow fan motor direct driven 3pcs.					
	Fan revolution speed	min <sup>-1</sup>	2000					
Condenser	Type		Aluminum fin and copper tubes					
	Fan		Axial fan belt drive					
	Fan revolution speed	min <sup>-1</sup>	<High speed> 2340 <Low speed> 1810 <in case of motor, 1450 (50Hz)>					
Motor	Type		Totally enclosed fan-cooled outdoor type			-		
	Power		3-phase AC380V-415V 50Hz			-		
	Output	kW	5.5 (50Hz)			-		
	Number of poles		4			-		
Refrigerant filling amount		kg	R404A, 3.4 / R452, 3.4					
Inside container temperature adjustment			Electronic thermostat					
Operation control			Electronic controller					
Defroster			Automatic defroster with defrost timer					
Safety device			High pressure switch Cut out: 3.2MPa (32.5kgf/cm <sup>2</sup> ) Cut in: 2.2MPa (22.5kgf/cm <sup>2</sup> ) Engine oil pressure switch Cut out: 0.05MPa (0.5kgf/cm <sup>2</sup> ) Engine water temperature switch Cut out: 111°C Fusible plug: 95°C, Heater protection thermostat Cut out: 55°C (only for type 5) Motor overcurrent relay, 13A <excluding type 3>					