

# HT-500 Series

Frozen 33m<sup>3</sup> ~ Fresh 42m<sup>3</sup> Truck

***Application  
Design***

Perfect performance for mid-sized trucks  
Advanced aerodynamic design of durable ABS cover  
Slim evaporator with high airflow

***Performance  
Service***

High capacity with high-quality components  
Easy installation and low maintenance cost

***User-friendly  
Option***

Microprocessor based in-cab controller  
Hot gas heating system  
Multi-temperature system  
TM21 available for high capacity



### HT- 500 II



Front mounted Condenser



Slim Evaporator



Temperature controller



Compressor

### HT- 500ESC



Front mounted Condenser  
(w/ Electric Standby)



Slim Evaporator



Temperature controller



Compressor

Cooling Capacity	Temperature	HT-500 II / 500ESC				
		Road		Electric		
30°C(86°F) Ambient under ATP Standard	R-404A	°C	kcal/h	watt	kcal/h	watt
		0	5,100	5,931	4,079	4,744
		-10	3,711	4,316	2,968	3,452
		-20	2,471	2,874	1,977	2,299
Engine Compressor	Model	TM-16 / TM-21				
	No. of Cylinder	6				
	Displacement(cm <sup>3</sup> )	163				
Refrigerant	R-404a (TM-16) 2.3kg / (TM-21) 2.5kg					
Airflow Volume @ 0 Pa Static Pressure	2,300					
DC Voltage Option	DC 12V / DC 24V					
Electric Standby	Power	-		220/380/415V, 3P, 50/60Hz		
	Output	-		2.2kW(3HP)		
Defrost	Automatic hot gas defrost initiated & terminated by cab controller					
Size (LxWxH)/mm & Weight/kg	Condenser	1120 X 496 X 395 (32)		1320 X 550 X 430 (133)		
	Evaporator(Slim)	1530 X 682 X 170 (34)		1530 X 682 X 170 (34)		
	Evaporator(STD)	1246 X 521 X 347 (31)		1246 X 521 X 347 (31)		
	Cab control	105 X 75 X 48				

**Selection Condition** : Maximum Ambient 30°C, K-Value of insulation temp. of 0.35 W/m<sup>2</sup>K at -20°C & 0.5 W/m<sup>2</sup>K at +6°C.  
Unit selection may vary when different conditions are required. Please consult Hwasung Thermo dealer to confirm proper selection.