

# Diesel Engine Powered Unit

Frozen 37m<sup>3</sup> ~ 76m<sup>3</sup> / Fresh 47m<sup>3</sup> ~ 89m<sup>3</sup>

***Application***

Excellent performance for heavy trucks

***Design***

Specially designed for high capacity and extreme condition

***Performance***

High-quality components for the best performance

***Service***

Low maintenance cost

***User-friendly***

Microprocessor based in-cab controller

***Option***

Multi-temperature system



# Diesel Engine Powered Unit

## H HT-250SPES II Ziant



## H HT-30DWES II Tra-La



## H HT- 50DWES Super-Cool



## H HT- 70DWES Mega-F



Cooling Capacity	Temperature		HT-250SP II / 250SPES II				HT-30DW II / 30DWES II				HT-50DW / 50DWES				HT-70DW / 70DWES			
			Road		Electric		Road		Electric		Road		Electric		Road		Electric	
30°C(86°F) Ambient under ATP Standard	R-404A	°C	kcal/h	watt	kcal/h	watt	kcal/h	watt	kcal/h	watt	kcal/h	watt	kcal/h	watt	kcal/h	watt	kcal/h	watt
		0	4,987	5,800	3,755	4,367	6,569	7,640	4,691	5,456	8,212	9,550	5,596	6,508	9,267	10,777	6,492	7,550
		-20	2,773	3,225	2,107	2,450	3,433	3,993	2,568	2,987	4,471	5,200	3,147	3,660	5,434	6,320	4,244	4,936
Engine Speed			1820rpm				2200rpm				1685rpm				1835rpm			
Diesel Engine	Model		Yanmar 3TNV70				Yanmar 3TNV76				Yanmar 3TNV76				Yanmar 3TNV82			
	No. of Cylinder		3				3				3				3			
	Displacement(cm <sup>3</sup> )		854				1116				1116				1331			
	Oil Charge		6				8.7				8.7				11			
Compressor	Model		Bock FKX30_235TK				Bock FKX30_275TK				Bock FKX40_390TK				Bock FKX40_470TK			
	No. of Cylinder		2				2				4				4			
	Swept volume(cm <sup>3</sup> )		233				277				385				466			
Refrigerant			R-404a / 2.8kg				R-404a / 5.3kg				R-404a / 5.8kg				R-404a / 6.8kg			
Airflow Volume @ 0 Pa Static Pressure			2,561m <sup>3</sup> /h				2,810m <sup>3</sup> /h				2,981m <sup>3</sup> /h				3,203m <sup>3</sup> /h			
Electric Standby	Power		-				-				-				-			
	Output		3.8kW(5HP)				5.6kW(7.5HP)				7.5kW(10HP)				9kW(12HP)			
Defrost			Automatic hot gas defrost & termination by microprocessor / Air switch															
Size (LxWxH)/mm	Condenser		1790x668x555				1910 X 690 X 645				1910 X 899 X 665				1910 X 899 X 665			
	Evaporator		1200x658x305				1200 X 744 X 330				1200 X 820 X 410				1200 X 820 X 410			
Weight(kg)			398		426		471		506		522		570		604		659	