



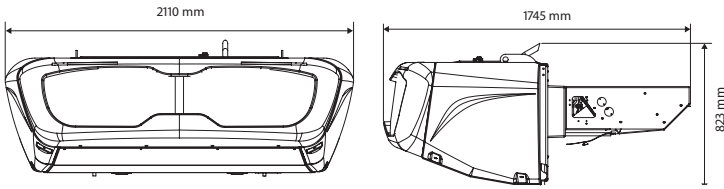
Transport Refrigeration

Uno  
Truck Refrigeration



Uno Truck Refrigeration  
units achieve superior  
performance

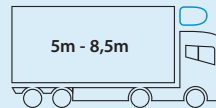
Diesel-powered units for precise temperature control in trucks with innovative design. Reliable, efficient, and easy to monitor. Tailored options for your needs.



		U600	U800	U1000
<b>General</b>				
Refrigerant	[-]	R452A	R452A	R452A
<b>Road Capacity Ratings - BTU per hour at high speed diesel operation and 100 °F ambient</b>				
35°F setpoint	[BTU/h]	19,500	27,500	33,000
0°F setpoint	[BTU/h]	9,500	16,500	18,800
-20°F setpoint	[BTU/h]	7,000	9,200	10,500
<b>Standby Capacity Ratings - BTU per hour at high speed diesel operation and 100 °F ambient</b>				
35°F setpoint	[BTU/h]	11,400	20,100	18,000
0°F setpoint	[BTU/h]	5,200	11,800	14,700
-20°F setpoint	[BTU/h]	4,500	6,600	7,600
<b>Engine Specifications</b>				
Displacement		3 cylinders, 0.854	3 cylinders, 1.116	3 cylinders, 1.116 liter
Oil Capacity	quarts	7.6	7.6	10
High Speed Engine	RPM	2,100	2,100	2,100
Engine Model	[-]	Tier 4 Final Yanmar 0.8L	Tier 4 Final Yanmar 1.1L	Tier 4 Final Yanmar 1.1L
Rated Horsepower	hp	13.4	13.4	16.76
Dedicated Heat Exchanger	[-]	Yes	Yes	Yes
Service Interval	[hrs]	2,000	2,000	2,000
<b>Refrigeration Compressor</b>				
Model	[-]	FK-20-170	FK-30-325	FK-30-325
Displacement	[in <sup>3</sup> ]	10.4	19.83	19.83
Charge	[lb]	7.7	7.7	7.7
<b>Stand-by Compressor</b>				
Model	[-]	Semi Hermetic	ZF13 Copeland Scroll	ZF13 Copeland Scroll
Displacement	[in <sup>3</sup> ]	3.49	4.10	4.10
<b>Unit Size</b>				
Weight (w/Standby)	[lb]	1015	1210	1210
Width	[in]	74.5	74.5	74.5
Depth	[in]	36	36	36
Height	[in]	24	24	24
<b>Evaporator Performance</b>				
High Speed Airflow	[CFM]	1,300	2,120	2,120
Low Speed Airflow	[CFM]	1,300	2120	2120
<b>Control System</b>				
Body Opening	[in]	49 by 12.2	49 by 12.2	49 by 12.2
Automatic Start/Stop	[-]	Standard	Standard	Standard
In-Cab Controls	[-]	Standard	Standard	Standard
Alarm Messages	[-]	English	English	English
Audible & Visual Alarm	[-]	Standard	Standard	Standard
Auto Switching (electric to diesel)	[-]	Standard	Standard	Standard

## Uno

- Multiple temperature zones in the same vehicle (Multi models only);
- Designed for high reliability with a custom Yanmar engine;
- Innovative powertrain design enabling high performance and energy efficiency;
- Reduced fuel consumption and noise;
- Extended maintenance intervals;
- 2-year standard warranty (extendable up to 5 years for Multi models only);



Designed as nose-mount, installed on the front wall of the box

		U800 Multi	U1000 Multi
<b>General</b>			
Refrigerant	[-]	R452A	R452A
<b>Road</b>			
Cooling capacity (35°F at 100°F amb)	[BTU/h]	N/A	N/A
Cooling capacity W (0°F at 100°F amb)	[BTU/h]	45	62
Cooling capacity W (-20°F at 100°F amb)	[BTU/h]		
<b>Standby</b>			
Cooling capacity (35°F at 100°F amb)	[BTU/h]	N/A	N/A
Cooling capacity W (0°F at 100°F amb)	[BTU/h]	45	62
Cooling capacity W (-20°F at 100°F amb)	[BTU/h]	6050	3075
		8700	4500
<b>Airflow rate</b>			
Airflow rate at 100kPa static pressure	[CFM]	2x 1680	2x 2520
<b>Weight</b>			
Split road and stand-by	[lb]		
Monoblock road-only	[lb]		
Evaporator	[lb]	500	505
<b>Diesel engine</b>			
Displacement	[in <sup>3</sup> ]	1116	1116
Rated power output	[kW]	13,2	13,2
Maintenance interval	[hrs]	2000	2000
<b>Road compressor</b>			
Displacement	[in <sup>3</sup> ]	325	390
<b>Stand-by compressor</b>			
Displacement	[CFM]	14,4	21,4



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ECPEN24-802  
02/2024

