



Transport Refrigeration

Uno Truck Refrigeration

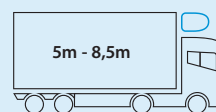
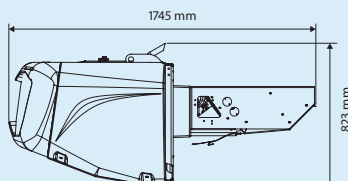
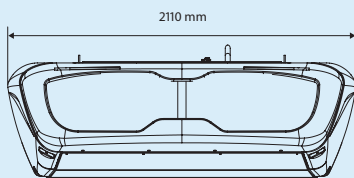


Uno Truck Refrigeration
units achieve superior
performance

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

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

		U600		U800		U1000		U800 Multi		U1000 Multi	
General											
Refrigerant	[-]	R452A						R452A			
Defrost	[-]	Hot gas defrost						Hot gas defrost			
Recommended compartment size for 0°C and -20°C											
Recommended box size for 0°C	[m³]	57		66		80		N/A		N/A	
Recommended van size for -20°C	[m³]	42		55		70		45		62	
System net cooling capacity under ATP conditions (30°C ambient temperature)											
	[°C]	0°C	-20°C	0°C	-20°C	0°C	-20°C	0°C	-20°C	0°C	-20°C
Road mode	[W]	6200	3200	8600	4700	10000	5700	7970	4140	9800	5400
Stand-by mode	[W]	3700	1700	6500	3500	8300	4500	6050	3075	8700	4500
Heating capacity											
Road mode	[W]	5400		7500		8700		7300		8500	
Stand-by mode	[W]	3200		5700		7200		4900		7600	
Airflow rate											
Airflow rate at 100kPa static pressure	[m³/h]	1500		2200		2500		2x 1680		2x 2520	
Air Throw	[m]	6,5		7,5		8,5		7,5		8,5	
Weight											
Monoblock road and stand-by	[kg]	485		500		549					
Monoblock road-only	[kg]	435		455		504					
Split road and stand-by	[kg]							500		505	
Monoblock road-only	[kg]							460		465	
Evaporator	[kg]							35 x 2		40 x 2	
Diesel engine											
Displacement	[cc]	854		1116		1116		1116		1116	
Rated power output	[kW]	11,5		15,1		15,1		13,2		13,2	
Maintenance interval	[hrs]	2000		2000		2000		2000		2000	
Road compressor											
Displacement	[cc]	235		325		390		325		390	
Stand-by compressor											
Displacement	[m³/h]	11,3		14,4		21,4		14,4		21,4	

These products contain fluorinated greenhouse gases (R452A GWP=2140,5).

Stand-by voltages available: 400/3/50

Uno Undermount

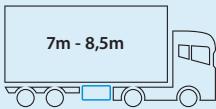
- Multiple temperature zones in the same vehicle (Multi model only);
- Designed for high reliability with a custom Yanmar engine;
- Innovative powertrain design enabling high performance and energy efficiency;
- Reduced fuel consumption and noise;
- 2-year standard warranty;



Condenser



Evaporator



Undermount installation for heavy trucks

		UN120		UN120 Multi	
General					
Refrigerant	[-]	R452A			
Defrost	[-]	Hot gas defrost			
Recommended compartment size for 0°C and -20°C					
Recommended box size for 0°C	[m³]	90	N/A		
Recommended van size for -20°C	[m³]	80	60		
System net cooling capacity under ATP conditions (30°C ambient temperature)					
	[°C]	0°C	-20°C	0°C	-20°C
Road mode	[W]	11500	6200	10600	5700
Stand-by mode	[W]	8200	4200	7500	3900
Heating capacity					
Road mode	[W]	10000	9500		
Stand-by mode	[W]	7100	6700		
Airflow rate					
Airflow rate at 100kPa static pressure	[m³/h]	4500	2x 2520		
Air Throw	[m]	> 8,5	> 8,5		
Weight					
Condensing unit road and stand-by	[kg]	510	510		
Condensing unit road-only	[kg]	475	475		
Evaporators	[kg]	40	40 x 2		
Diesel engine					
Displacement	[cc]	1116	1116		
Rated power output	[kW]	13,2	13,2		
Maintenance interval	[hrs]	2000	2000		
Road compressor					
Displacement	[cc]	390	390		
Stand-by compressor					
Displacement	[m³/h]	21,4	21,4		

These products contain fluorinated greenhouse gases (R452A GWP=2140,5).
Stand-By voltages available: 400/3/50



A robust interface in the cabin can be installed in the vehicle DIN slot or mounted on the dash, allowing real-time monitoring and control of unit performance to ensure goods are maintained at precisely the right temperature throughout the trip.



Discover our portfolio,
partner locator and more



[linkedin.com/company/
daikin-transport-refrigeration](https://www.linkedin.com/company/daikin-transport-refrigeration)

04/2024

