



TRANSPORT REFRIGERATION

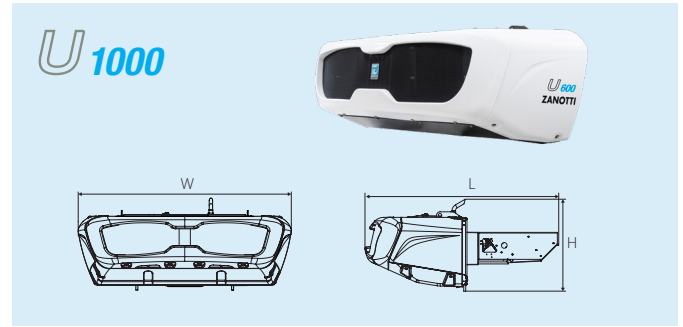
Uno



U600 | U800 | U1000

The redesigned Uno range of units are independently powered with a diesel engine, and available in various capacities to efficiently transport temperature-controlled products in medium to heavy trucks. The Uno features Zanotti's innovative direct coupling design between the engine and the compressor, and utilize Daikin's expertise in design for reliability and performance. Their high cooling performance, energy efficiency and extended maintenance

intervals minimise the total cost of ownership, while meeting the most stringent emission, material waste, and noise pollution regulations. U600, U800, and U1000 are designed as nose-mount, installed on the front wall of the box. The electronics enabled advanced diagnostics. 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.



Key Features:

- 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

		U600	U800	U1000	U800 Multi	U1000 Multi					
General											
Refrigerant		R452A									
Defrost		Hot gas defrost									
Refrigerant quantity	kg	3.6	4.8	4.8	5	5.6					
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	5880	3160	9030	4700	10025	5655	7970	4140	9830	5410
Stand-by mode	W	3315	1615	6455	3475	8340	4500	6050	3075	8650	4450
Recommended body volume	m ³	57	42	66	55	80	70	N/A	45	N/A	62
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	m ³ /h	1500		2200		2500		2x 1680		2x 2520	
Air Throw	m	6,5		7,5		8,5		7,5		8,5	
Dimensions											
Condenser unit (L x W x H)	mm	1895 x 818 x 1724		2110 x 823 x 1745		2110 x 823 x 1745		2110 x 752 x 934		2110 x 762 x 934	
Evaporator (L x W x H)	mm							698 x 856 x 210		1090 x 858 x 210	
Weight											
Monoblock road and stand-by	kg	485		500		549		500		505	
Monoblock road-only	kg	435		455		504		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	m ³ /h	11,3		14,4		21,4					

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

Stand-by voltages available: 400/3/50

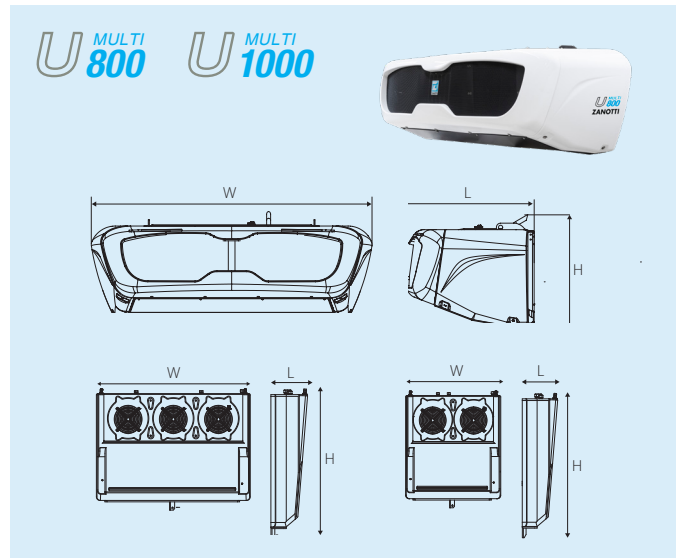
U800 Multi | U1000 Multi

The redesigned Uno range of units are independently powered with a diesel engine, and available in various capacities to efficiently transport temperature-controlled products in medium to heavy trucks. The Uno features Zanotti's innovative direct coupling design between the engine and the compressor, and utilise Daikin's expertise in design for reliability and performance. Their high cooling performance, energy efficiency and extended maintenance intervals minimise the total cost of ownership, while meeting the most stringent emission, material waste, and noise pollution regulations.

U800 Multi and U1000 Multi are designed as nose-mount, installed on the front wall of the box, with multiple configurations of evaporators and fans to meet the requirements of a wide range of vehicle types and applications. The electronics enabled advanced diagnostics. 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.

Key Features:

- Multiple temperature zones in the same vehicle
- 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



The all-new Uno cabin controller is modern technology in a robust build.

Uno Undermount

UN120 | UN120 Multi

Uno Undermount models are independently powered with a diesel engine, and available in various capacities to efficiently transport temperature-controlled products in heavy trucks. The units feature Zanotti's innovative direct coupling design between the engine and the compressor.

UN120 and UN120 Multi are undermount units designed to be installed under the box. UN120 Multi features additional evaporators to enable transport of products with different temperature requirements in separate zones. A driver-friendly interface in the cabin enables them to monitor and modify performance to ensure it is kept at precisely the right temperature throughout the trip.

Key Features:

- 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

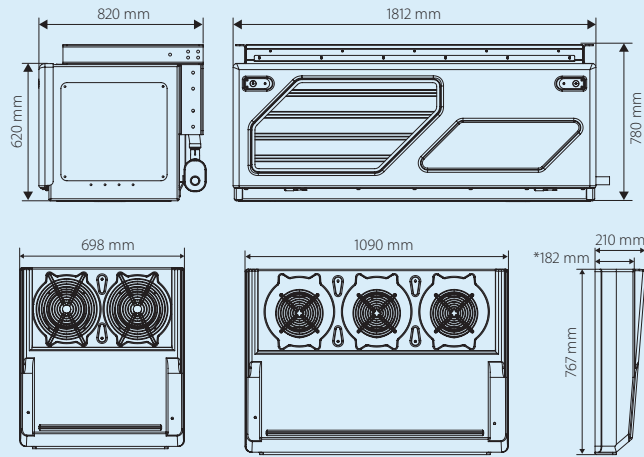
UN 120 UN MULTI 120



Condenser



Evaporator



	UN120	UN120 Multi			
General					
Refrigerant		R452A			
Defrost		Hot gas defrost			
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
Recommended body volume	m ³	90	80	N/A	60
Heating capacity					
Road mode	W	10000		9500	
Stand-by mode	W	7100		6700	
Airflow rate					
Airflow rate at 100kPa static pressure	m ³ /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	m ³ /h	21,4		21,4	

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

Stand-By voltages available: 400/3/50

Provisional engineering data



Discover our portfolio, partner locator and more



linkedin.com/company/daikin-transport-refrigeration

05/2024

