



Transport Refrigeration

Zero
Direct Drive
Van Refrigeration



State-of-the-art Van Refrigeration

Transforming refrigerated transport with unparalleled flexibility and eco-friendly solutions. Whether electric or battery-powered, our Zero units offer precise temperature management, easy installation, and real-time monitoring, setting new standards in the industry.



Zero Electric Z120b

Zero Direct-Drive Z200 | Z250 | Z350 | Z380

Key Features:

- Proven reliability and performance;
- Powered by direct-drive on engine, electric stand-by;
- Easy to install and service with removable side panels;
- Configurable for a wide range of refrigerated applications in light commercial vehicles;
- Low noise;
- User-friendly cabin driver interface;
- Reduced refrigerant charge and maintenance costs;
- Telematics-compatible;
- 2-year standard warranty;



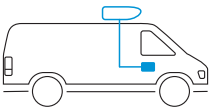
Condenser



Evaporator

		Z250	Z380	Z200	Z250	Z350	Z380	Z380 Multi	Z380 Multi (Narrow Evap)
General									
Refrigerant	[-]	R134a			R452A			R452A	
Recommended compartment size for 0°C and -20°C									
Recommended box size for 0°C	[m³]	21	28	16	21	24	28	N/A	
Recommended van size for -20°C	[m³]	N/A	N/A	10	16	18	21	16	
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
Road mode	[W]	2140	N/A	2920	N/A	2220	1170	2680	1470
Stand-by mode	[W]	1130	N/A	1900	N/A	1500	700	2120	820
Heating capacity									
Road mode	[W]	1930	2620	2100	2500	3100	3300	3010	2630
Stand-by mode	[W]	1020	1710	1300	1900	2000	2200	1770	1520
Airflow rate									
Airflow rate at 100kPa static pressure	[m³/h]	650	1870	622	650	1300	1300	2x 620	2x 830
Weight									
Condenser without electric stand-by	[kg]	34	40	30	36	36	42	42	42
Condenser with electric stand-by	[kg]	70	78	56	72	72	80	80	80
Evaporator	[kg]	9	18	10,2	10,5	19,6	19,6	2x 10,2	2x 16
Road compressor									
Displacement	[cc]	146	163	131	131	146	146	146	146

These products contain fluorinated greenhouse gases (R134a GWP=1430 / R452A GWP=2140,5). | Stand-by voltages available: 230/1/50 or 400/3/50 | Vehicle voltages available: 12VDC



Zero Direct-Drive



All Zero models provide easy installation and serviceability. The condensing unit can be mounted on the roof or the front wall of the box, and the ultra-thin evaporator installed in the cargo compartment maximizes cargo volume. A driver-friendly interface in the cabin allows real-time monitoring and control of unit performance to ensure goods are maintained at precisely the right temperature throughout the trip. Our Zero units are setting new standards with their attractive design.



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