



Transport Refrigeration

Electric  
Environment Friendly  
Van Refrigeration



## Introducing our cutting-edge Van Refrigeration solutions

Revolutionizing refrigerated transport with unmatched versatility and eco-friendly innovation. Our Zero units ensure precise temperature control, effortless installation, and live monitoring, elevating industry standards.

## Zero Electric Z120b | Z200e | Z250e | Z350e | Z350e Multi

### Key Features:

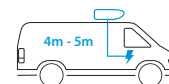
- Low emissions;
- Proven reliability and performance;
- Powered by vehicle battery on engine, electric stand-by;
- Compatible with full-electric, hybrid or conventional vehicles;
- Easy to install and service with removable side panels;
- Low noise;
- User-friendly cabin driver interface;
- Reduced refrigerant charge and maintenance costs;
- Telematics-compatible;
- 2-year standard warranty, extendable up to 5 years;



Condenser



Evaporator



Z120b

		Z120b				Z200e		Z250e		Z350e		Z350e Multi	
General													
Refrigerant	[-]	R452A		R134A		R452A							
Recommended compartment size for 0°C and -20°C													
Recommended box size for 0°C	[m³]	8		0°C   -20°C		9		11		12		12	
Recommended van size for -20°C	[m³]	4		780   N/A		6		7		10		9	
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	0°C	-20°C
Battery mode	[W]	1200	560	780	N/A	1495	695	1735	955	1880	1045	1940	830
Standby mode	[W]	1300	570	750	N/A								
Heating capacity													
Battery mode	[W]	1100		N/A		1200		1500		1650		1600	
Airflow rate													
Airflow rate at 100kPa static pressure	[m³/h]	560		560		620		650		1300		2x 620	
Weight													
Condenser with electric stand-by	[kg]	47		47		54		70		70		70	
Evaporator	[kg]	10,2		10,2		10,2		10,5		19,6		2X 10,2	
Max current													
	[A]	75		55		100		159		166		171	

This product contains fluorinated greenhouse gases (R452A GWP=2140,5).

Stand-by voltages available: 230/1/50 or 400/3/50

Vehicle voltages available: 12VDC

## Electric Power Supply

Our power supply packages, tailored for our Invisible Electric and Zero Electric ranges, offer reliable and customizable solutions for specific vehicle needs:

- Configurable as one or two DC lithium-ion batteries, delivering 1.25 to 6kW each, up to 12kW total;
- Includes a robust inverter battery charger;
- Zero emissions and maintenance;
- Automotive-grade design ensures high reliability;
- Long life with 3500 cycles;
- Fast charging capability;
- Provides 230VAC power for charging and standby operation;
- Bluetooth connectivity with smartphone app;
- Telematics compatibility for remote battery monitoring;
- Optional connection to vehicle DC battery for supplementary power;
- Optional auxiliary input for external power supply;



Battery Charger Z120b only

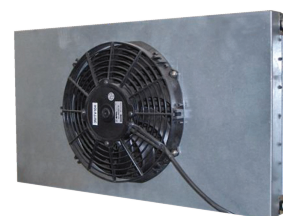


Inverter Battery Charger  
SFZ009e / Z200e / Z250e  
Z350e / Z350e Multi

# Invisible Electric SFZ008e | SFZ009e | SFZ009e Multi

## Key Features:

- Zero emissions;
- Powered by reliable battery-inverter pack on road, chargeable on electric grid;
- Compatible with full-electric, hybrid or conventional vehicles;
- Multiple temperature zones in the same vehicle (Multi model only);
- Vehicle access to tight underground areas;
- Under-chassis mounting preserves vehicle aesthetics and aerodynamics;
- Invisible from the outside;
- Low noise;
- User-friendly cabin driver interface;
- Telematics-compatible;
- 2-year standard warranty;



Condenser



Evaporator



Invisible Electric

		SFZ007	SFZ008	SFZ009	SFZ009 Multi	SFZ008e	SFZ009e	SFZ009e Multi							
General															
Refrigerant	[-]	R134a	R452A			R452A									
Recommended compartment size for 0°C and -20°C															
Recommended box size for 0°C	[m³]	11	16	24	N/A	10	12	11							
Recommended van size for -20°C	[m³]	N/A	10	18	15	6	9	8							
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	0°C	-20°C	0°C	-20°C
Road mode	[W]	1790	N/A	2000	1000	3160	1828	2990	1580						
Stand-by mode	[W]	1130	N/A	1200	700	2030	1124	1760	970						
Battery mode										1300	700	2200	1124	1760	970
Heating capacity															
Road mode	[W]	N/A	1890	2790	2640										
Stand-by mode	[W]	N/A	1380	1630	1580										
Airflow rate															
Airflow rate at 100kPa static pressure	[m³/h]	786	786	1062	2x 620	786	1062	2x 620							
Weight															
Condenser without electric stand-by	[kg]	25	38	45	45										
Condenser with electric stand-by	[kg]	50	65	75	75	65	75	75							
Evaporator	[kg]	10	14	20,5	2x 10,2	14	20,5	2x 10,2							
Road compressor															
Displacement	[cc]	146	146	163	163										
Max current															
	[A]					119	165	170							

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 or 24VDC

Provisional engineering data



Zero Electric





Discover our portfolio,  
partner locator and more



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

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