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Transport Refrigeration — LF Series

Refrigeration units for vans, box trucks and semi-trailers — LF-260 to LF-1280 covering 4–60 m³ body volumes, with hot-gas defrost, microprocessor control and a full option set. Electric standby sets available for 6.2–9.2 m vehicles.



LF Series — Technical Specifications

Model	Body volume (m³)	Temperature setting	Cooling capacity at 0 °C	Cooling capacity at -18 °C	Refrigerant / charge	Defrost	Compressor / supply	Component weights (kg)*
LF-26 / LF-36	21 / 48	-18 to +20 °C	Electric standby	Electric standby	R404	—	220 / 380 V supply	43 each
LF-260	4 – 12	-18 to +30 °C	2350 W	1220 W	R404A / 1.2 kg	Hot gas	108 cc	15 / 25
LF-260 rooftop	4 – 12	-18 to +30 °C	2860 W	1470 W	R404A / 1.0 kg	Hot gas	108 cc	15 / 25
LF-360	8 – 12	-18 to +30 °C	2850 W	1650 W	R404A / 1.4 kg	Hot gas	108 cc	23 / 24
LF-360 rooftop	8 – 12	-18 to +30 °C	2850 W	1650 W	R404A / 1.4 kg	Hot gas	108 cc	23 / 24
LF-460	12 – 16	-18 to +30 °C	3900 W	2050 W	R404A / 1.4 kg	Hot gas	163 cc	20 / 30
LF-500	16 – 22	-18 to +30 °C	4600 W	2550 W	R404A / 1.6 kg	Hot gas	163 cc	26 / 35
LF-560 all-in-one	15 – 28	-18 to +30 °C	5300 W	3000 W	R404A / 1.8 kg	Hot gas	QP16	98 (unit)
LF-580	15 – 23	-18 to +30 °C	5050 W	2850 W	R404A / 1.6 kg	Hot gas	210 cc	29 / 37
LF-600	18 – 28	-18 to +30 °C	5200 W	2950 W	R404A / 1.6 kg	Hot gas	163 cc	29 / 36
LF-600 low-mounted	18 – 28	-18 to +30 °C	5200 W	2950 W	R404A / 1.6 kg	Hot gas	163 cc	29 / 34
LF-680	22 – 28	-18 to +30 °C	5800 W	3250 W	R404A / 2.3 kg	Hot gas	210 cc	29 / 42
LF-880	28 – 35	-18 to +30 °C	7450 W	3650 W	R404A / 2.8 kg	Hot gas	210 cc	40 / 42
LF-980	35 – 50	-18 to +30 °C	8425 W	5350 W	R404A / 3.7 kg	Hot gas	320 cc	38 / 56
LF-1080	40 – 60	-18 to +30 °C	9435 W	5365 W	R404A / 4.0 kg	Hot gas	320 cc	50 / 57
LF-1280	40 – 60	-18 to +20 °C	12870 W	7850 W	R404A / 4.2 kg	Hot gas	320 cc	57 / 65

*Fuel-version models: evaporator assembly / condenser assembly, in catalogue order. LF-26 / LF-36 are electric standby sets (220 / 380 V external mains supply) for 6.2–9.2 m vehicles, selected by vehicle size and refrigeration unit model; compatibility covers the major Carrier and Thermo King platforms.

Series features

- **Independent evaporator and compact condenser** with inner-grooved copper tubing and parallel-flow heat exchanger.
- **Microprocessor control** — automatic or manual defrost, digital temperature display and alarms.
- **Options:** dual temperature, heating, standby power, data logging and remote control.
- **LF-560 all-in-one:** integrated condenser and evaporator, dual-display controller with fault detection and alarms, optional CPR heating and standby power.
- Dimensions in mm. Body volume depends on insulation, operating conditions and cargo.

AIG — Arab African Investment Group for Trade & Industry

Factory: 276, 275 6th Industrial Zone, 6th of October, Giza, Egypt · Office: Building 33, Al-Multaqa Al-Arabi, Sheraton, Cairo, Egypt

Web: www.aigegypt.com · E-mail: info@aigegypt.com · Mob: +20 128 588 8842 · Tel: +20 23 8654 580