

FDK SERIES

The Fral professional fixed dehumidifiers of the series FDK are high-performance, compact, easy to install appliances and can be used in multiple applications. They are equipped with rubber feet, strong handles for easy handling and can be connected to a fixed drain.

FEATURES

- Frame - Powder coated, ensuring high resistance to aggressive environments
- Compressor - Rotary compressor mounted on vibration dampers
- Refrigerant circuit - Evaporator and condenser. Copper coils and aluminium fins
- Condensate - Requires connecting to a fixed drain.
- Fan - Axial fan, statically and dynamically balanced
- Air Filter - High efficiency filter in polyurethane – washable and easily replaceable.

TECHNICAL SPECIFICATIONS

Rated Average power consumption (20 °C - 60% R.H.)	530 W	1200 W
Maximum power consumption (35 °C - 95% U.R.)	780 W	1550 W
Maximum current consumption (35°C - 95% R.H.) F.L.A.	7.2 A	13 A
Start-up current L.R.A.	30 A	44 A
Air flow	450 mc/h	1100 mc/h
Sound pressure level (3 meters in open field)	51 db(A)	56 db(A)
Refrigerant	R410a	R410a
Operational range (temperatures)	1-35 °C	1-35 °C
Operating range (relative humidity) T < 30 °C	98%	98%
Operating range (relative humidity) T 30÷32 °C	90%	90%
Operating range (relative humidity) T 32÷35 °C	70%	70%
Voltage/Frequency	230/50	230/50

DIMENSIONS AND WEIGHT

Width	350 mm	516 mm
Height	420 mm	516 mm
Depth	580 mm	656 mm
Weight	34 kg	48 kg



CONDENSED WATER AT DIFFERENT CONDITIONS

	10 °C 60%	10 °C 80%	15 °C 60%	15 °C 80%	20 °C 60%	20 °C 80%	25 °C 60%	25 °C 80%	26 °C 60%	27 °C 80%	30 °C 80%	32 °C 90%
FDK 44	8	13	10	16	14	18	16	25	21	27	36	44
FDK 100S	18	26	24	37	30	45	36	52	54	56	80	96