



HIGH EFFICIENCY LOW CONSUMPTION

FDHE – LAUNDRY SERIES

The dehumidifier Fral FDHE402 was designed to dry laundry and cellar in general. Only machine on the market, for its application category, which combines high efficiency with new technology FralDry, the result of know-how Fral.. They have high efficiency air filter in polyurethane, washable and easily replaceable, and direct drain. It is possible to install a condensate lifting pump allowing condensate pumping up to a height of 3.5 meters from the machine positioning level.

APPLICATION

LAUNDRY, GYMS, MATURING, WAREHOUSES, ARCHIVES, PUMP ROOMS, SECOND HOMES, LAUNDRY, YARDS, POST FLOODING

FEATURES

FRAME

The frame and the sheets are hot galvanised, epoxy powder coated, ensuring high strength and durability.

COMPRESSOR

Rotative compressor, mounted on vibration dampers.

REFRIGERANT CIRCUIT

Evaporator and Condenser : the coils are made of copper pipes and aluminium fins, the wide size of the condenser fins ensures resistance to dust, long life and easy maintenance of the machine.

HEAT RECOVERY

FAN

Centrifugal and ductable fan, statically and dynamically balanced, long-lasting and durable. More than 1000 cubic meter

AIR FILTER

The air filter, supplied as standard with the unit, is washable and easily replaceable. High-efficiency filter.

Electric resistance

One kW electric resistance

MICROPROCESSOR

Controls the defrosting cycles with hot gas, the timer of the compressor and the alarm card. Special and smart laundry program made for Switzerland.

CONTROL PANEL

Located at the lower part of front panel of the machine. Executed according to the European standards in force.

TESTING

Tests are performed to check the tightness of the refrigeration circuit. Electrical discharge tests and functional tests are performed according to European standard requirements.

TECHNICAL STANDARDS

This dehumidifier meets the essential requirements included in the Directives of the European Community 2006/95/EC of 12 December 2006 on the safety of electrical products for use in Low Voltage; 2004/108/EC of 15 December 2004 in the field of electromagnetic compatibility; 2006/42/EC of 17 May 2006 in the fields of machinery safety.

The conformity is declared with reference to the following harmonized technical standards:

CEI-EN 60335-2-40, CEI-EN 55014-1, CEI-EN 55014-2.

We also declare that the product is manufactured in compliance with the RoHS Directive in force, that is 2002/95/EC, transposed with the Legislative Decree of 25 July 2005 no. 151 (article 5).

TECHNICAL SPECIFICATIONS

FDHE402

Average rated power consumption (20 °C - 60% R.H.)	700 W
Average rated power consumption (26.7 °C - 60% R.H.)	890 W
Maximum power consumption (32 °C - 90% R.H.)	950 W
Maximum current consumption (35 °C - 70% R.H.)	4,4 A
Start current L.R.A.	20 A
Air flow	1000 mc/h
Sound pressure level (3 meters in open field)	52 db (A)
Refrigerant	R410a
Fitting on the machine for condensate drain	3/4"
Operational range (temperatures)	7÷35 °C
Operating range (relative humidity)	30÷98%

ACCESSORIES

 STANDARD OPTIONAL NOT AVAILABLE

Hot gas defrost	<input checked="" type="checkbox"/>
Timer	<input checked="" type="checkbox"/>
Electronic dehumidistat	<input checked="" type="checkbox"/>
Electric resistance	<input checked="" type="checkbox"/>
Lifting pump kit	<input type="checkbox"/>

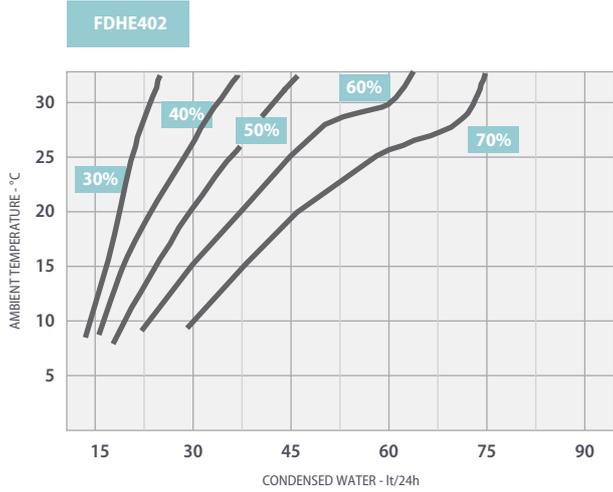
DIMENSIONS AND WEIGHTS

Width	660 mm
Height	710 mm
Depth	355 mm
Weight	52 kg

DIMENSIONS AND WEIGHTS WITH PACKING

Width	680 mm
Height	740 mm
Depth	385 mm
Weight	55 kg

CONDENSED WATER AT DIFFERENT AMBIENT TEMPERATURE AND HUMIDITY CONDITIONS (lt/24h)



	15 °C 40%	15 °C 50%	15 °C 60%	20 °C 40%	20 °C 60%	25 °C 40%	25 °C 60%	30 °C 40%	30 °C 80%	32 °C 90%
FDHE402	18	22	31	22	38	28	46	28	75	96

