



DEHUMIDIFIERS, AIR MOVERS AND HEATERS EDITION



Air Conditioners

Evaporative Coolers

Dehumidifiers

Heaters

FRD44

The Fral FRD44 has been specifically designed for the Flood Restoration market.

It comes complete with a condensate pump and hour clock and with its rotomoulded casing and non-marking large wheels this dehumidifier delivers both on performance and style.

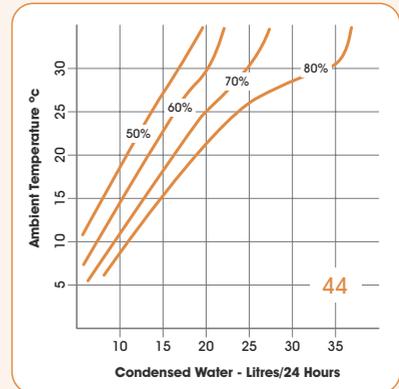
Using the centrifugal fan you can fit up to 10 metres of ducting to the front of the unit and use the warm, dry recycled air to dry out other areas.

Product Description:

- 44Litres/24 Hours
- Hot Gas Defrost
- Centrifugal Fan
- Condensate Pump
- Hour Counter
- Humidistat
- Rotomoulded Casing
- Large Rubber Wheels

Other Data:

- Average Power Consumption: 530w
- Absorbed Current: 3.6A
- Air Flow: 500cm/h
- Noise: 53db(A)
- Refrigerant: R407c
- Temperature Range 0°-35°c
- Dimensions: L x D x H 46 x 46 x 98cm
- Weight: 35kg

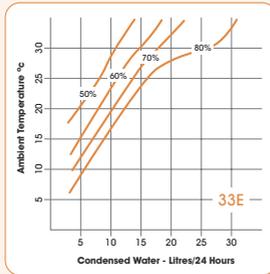


DEHUMIDIFIERS

FD33 Echo

The Fral FD33 ECO is our entry point Dehumidifier in our Industrial range. It is built to a high quality and works down to 3°C and only draws 3.4 Amps in operation.

It comes with an hour clock, opens easily for cleaning and with the unit only weighing 22kg would suit most applications and everyone's budget.



Product Description:

- 33Litres/24 Hours
- Electronic Defrost
- Hour Counter
- 7.5Litre Tank Capacity
- Low Energy Consumption
- Lightweight only 22kg

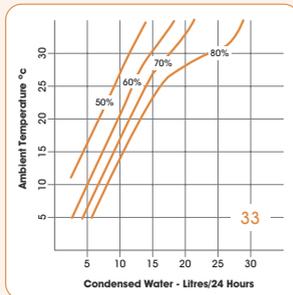
Other Data:

- Average Power Consumption: 430w
- Absorbed Current: 3.4A
- Air Flow: 350 cm/h
- Noise: 43bd(A)
- Refrigerant: R410a
- Temperature Range: 3-35°C
- Dimensions: L x D x H 35 x 33 x 63cm
- Weight: 22kg

FDND33

The Fral FDND33 is a robust Industrial Dehumidifier built using Zinc plated powder coating metal. With the option of having a built in condensate pump this unit is extremely versatile.

It also comes with an hour clock as standard for use in the Flood Restoration Market.



Product Description:

- 33Litres/24 Hours
- Hot Gas Defrost
- 8 Litre Tank Capacity
- Hour Clock
- Optional Condensate Pump
- Metal Construction
- Low Power Consumption

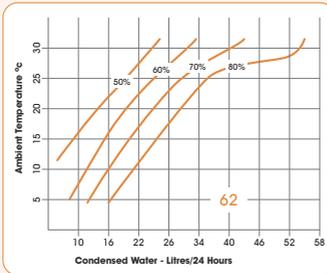
Other Data:

- Average Power Consumption: 420w
- Absorbed Current: 3.3A
- Air Flow: 380 cm/h
- Noise: 43bd(A)
- Refrigerant: R134a
- Temperature Range: 1-35°C
- Dimensions: L x D x H 35 x 37 x 70cm
- Weight: 32kg

FDNF62

The Fral FDNF62 is a large capacity Industrial Dehumidifier extracting up to 62Litres/24 Hours. It is built to a high quality and works down to 1°C.

This unit with its high capacity is ideal for any application especially when you need to dry out quickly and efficiently.



Product Description:

- 62Litres/24 Hours
- Hot Gas Defrost
- Hour Counter
- 12 Litre Tank Capacity
- Optional Condensate Pump
- Metal Construction
- Very Robust

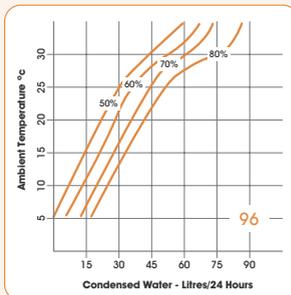
Other Data:

- Average Power Consumption: 700w
- Absorbed Current: 4.4A
- Air Flow: 650 cm/h
- Noise: 51bd(A)
- Refrigerant: R407c
- Temperature Range: 1-35°C
- Dimensions: L x D x H 45 x 41 x 77cm
- Weight: 44kg

FDNF96

The Fral FDNF96 is a large capacity Industrial Dehumidifier extracting up to 96Litres/24 Hours. It is built to a high quality and works down to 1°C.

This unit with its high capacity is ideal for any application especially when you need to dry out quickly and efficiently.



Product Description:

- 96Litres/24 Hours
- Hot Gas Defrost
- Hour Counter
- 15 Litre Tank Capacity
- Optional Condensate Pump
- Metal Construction
- Very Robust

Other Data:

- Average Power Consumption: 980w
- Absorbed Current: 7.2A
- Air Flow: 1000 cm/h
- Noise: 52bd(A)
- Refrigerant: R407c
- Temperature Range: 1-35°C
- Dimensions: L x D x H 55 x 40 x 90cm
- Weight: 52kg

DEHUMIDIFIERS & AIRMOVERS

DEHUMIDIFIERS

FLIPPER DRY

The Fral Flipper Dry is a unique Dehumidifier having a built in 1kW heater as standard. This function allows you to use the heater with dehumidifier function to increase the extraction or as a standalone 1kW Heater.

With its quiet operation and low power consumption the Flipper Dry is one of the most popular units in the Fral range.



Product Description:

- 20Litres/24 Hours
- 1kW Electric Heater
- Independent Thermostat for heating function
- 5.5Litre Tank Capacity
- Very Quiet
- Very Low Power Consumption

Other Data:

- Average Power Consumption: 250w
- Absorbed Current: 1.9A
- Absorbed Current with Heater: 6.2A
- Air Flow: 300 cm/h
- Noise: 41bd(A)
- Refrigerant: R134a
- Temperature Range: 7-35°C
- Dimensions: L x D x H 35 x 32 x 70cm
- Weight: 24kg

AIRMOVERS

FAM200 / FAM400 / FAM700



Other Data:

FAM200

- Power Consumption: 100w
- Absorbed Current: 0.6A
- Air Flow (max): 480 cm/h
- Fan Speed (max): 1300 RPM
- Weight: 3.5kg

FAM400

- Power Consumption: 360w
- Absorbed Current: 3.6A
- Air Flow (max): 1950cm/h
- Fan Speed (max): 980RPM
- Weight: 10.5kg

FAM700

- Power Consumption: 1200w
- Absorbed Current: 5.6A
- Air Flow (max): 6200cm/h
- Fan Speed (max): 1400RPM
- Weight: 17kg

FEH030

Product Description:

- 3kW heating output
- Stainless steel elements
- Adjustable thermostat
- Overheat protection
- Full metal casing
- Insulated handle
- 240v 3 pin plug



Other Data:

- Heating capacity: 3kW/10000Btu/hr
- Settings: Fan only/1.5kW/3kW
- Voltage: 240v
- Current: 13 amps
- Dimensions: L x D x H 39 x 25 x 25cm
- Weight: 6kg

FEH150

Product Description:

- 15kW heating output
- Stainless steel elements
- Adjustable thermostat
- Overheat protection
- Reset button
- Full metal casing
- Insulated handle
- 2 Metre cable
- 32amp 5 pin plug



Other Data:

- Heating capacity: 15kW/51000Btu/hr
- Settings: Fan only/5kW/10kW/15kW
- Voltage: 3 phase 415v
- Current: 21.7 amps
- Air output: 1293m³/hr
- Noise: 57dba
- Dimensions: L x D x H 40 x 54 x 33cm
- Weight: 14.5kg

FEH220

Product Description:

- 22kW heating output
- Stainless steel element
- Adjustable thermostat
- Overheat protection
- Reset button
- Full metal casing
- Insulated handle
- 2 Metre cable
- 32amp 5 pin plug



Other Data:

- Heating capacity: 22kW/75000Btu/hr
- Settings: Fan only/11kW/22kW
- Voltage: 3 phase 415v
- Current: 31.8 amps
- Air output: 1684m³/hr
- Noise: 59dba
- Dimensions: L x D x H 60 x 42 x 41cm
- Weight: 21.8kg

C30

Product Description:

- 30kW heating output
- Stainless steel element
- Adjustable thermostat
- Overheat protection
- Full metal casing
- Insulated handle
- Large wheels
- 2 Metre cable
- 63amp 5 pin plug



Other Data:

- Heating capacity: 30kW/102000Btu/hr
- Settings: Fan only/15kW/30kW
- Voltage: 3 phase 415v
- Current: 43.4 amps
- Air output: 1911m³/hr
- Noise: 61dba
- Dimensions: L x D x H 57 x 65 x 86cm
- Weight: 33kg

REPAIR SERVICE

DO YOU NEED YOUR PORTABLE EQUIPMENT BACK UP AND RUNNING?
 WE CAN REPAIR ALL LEADING BRANDS OF PORTABLE EQUIPMENT

FAULT & FIX SERVICES

- ✓ Collection
- ✓ P.A.T. (Portable Appliance Testing)
- ✓ Free-of-charge quote
- ✓ Cleaning
- ✓ Full repair
- ✓ Delivery
- ✓ Full service
- ✓ 12 month warranty (on all repairs)

USEFUL CONVERSIONS

COOLING (measurement in feet)

$$\text{width} \times \text{height} \times \text{length} = \text{volume of area} \times 5 = \text{btu/hr}$$

This allows for up to 4 people and 1 piece of electrical equipment. For additional people or electrical units, add 400 Btu/hr.

HEATING (measurement in feet)

Establish the required interior temperature (f) and the current external temperature (f).

$$\text{width} \times \text{height} \times \text{length} = \text{volume of area}$$

$$\text{volume of room} \times \text{difference between required and external temperature} \times 0.133 = \text{btu/hr}$$

SOUND ADVICE...

Sound level	Decibels	Example
No sound	0	Essentially no sound
	10	Breathing
	20	Whisper
Very quiet	25	Recording studio
	45	Typical neighbourhood
Quiet	50	Quiet conversation
	60	Normal conversation
Annoying	70	Vacuum cleaner
	75	Car interior in transit
Loud	80	Telephone dial tone
	85	City traffic
Very loud	100	Jet take off at 300 ft
Pain threshold	120	Thunderclap
	180	Jet engine at 1 ft
	194	Air particle distortion

TALK TO THE CONVERTED!

Btu/hr to kW Btu / 3.412	kW to Btu/hr kW x 3.412	Cubic Ft to Litres F ³ x 28.317	Litres to Cubic Ft L / 28.317
Celsius to Fahrenheit c x 1.8 + 3.2	Fahrenheit to Celsius f - 32 / 1.8	Pints to Litres P x 0.568	Litres to Pints L / 0.568
Feet to Metres F x 0.3048	Metres to Feet M / 0.3048	US Pints to Litres P x 0.568	Litres to US Pints L / 0.473
Sq Ft to Sq M F ² x 0.0929	Sq M to Sq Ft M ² / 0.0929	Gallons to Litres G x 4.546	Litres to Gallons L / 4.546
Cubic M to Cubic Ft M ³ x 35.3	Cubic Ft to Cubic M F ³ / 35.3	Grains to Grams G x 0.0648	Grams to Grains Gr / 0.0648