

COMMERCIAL DEHUMIDIFIER

FRAL FDNSRC44 Rotomoulded

44 LITRES PER DAY

A heavy duty commercial dehumidifier ideal for moving in and out of work vehicles. Rotomoulded case is built tough to withstand knocks. Used in the water damage restoration industry and as a hire machine.

The hot gas defrosting system means the dehumidifier can be used in very cold and/or very hot conditions.

These versatile workhorses can even dry two rooms at the same time. Twin outlets allow two lengths of separate ducting to be run into separate rooms.

Features:

- Hot gas defrosting device with electronic and thermostatic control (optional)
- Fittings for continuous drainage pipe connection
- Automatic humidistat
- Hour counter
- Condensed water lifting pump
- Condensed water reservoir (STD)
- Pivoting wheels
- Non finned tube evaporator
- Low energy consumption
- Zinc plated and powder-coated sturdy frame



CONDENSED WATER AT DIFFERENT AMBIENT TEMPERATURE AND HUMIDITY CONDITIONS

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|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 10°C 60% | 10°C 80% | 15°C 60% | 15°C 80% | 20°C 60% | 20°C 80% | 25°C 60% | 25°C 80% | 27°C 65% | 27°C 80% | 30°C 80% | 32°C 90% |
| 8 l/d | 14 l/d | 11 l/d | 17 l/d | 15 l/d | 22 l/d | 18 l/d | 27 l/d | 23 l/d | 29 l/d | 36 l/d | 44 l/d |

TECHNICAL DATA

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| Power Consumption (at 27°C, 65% rh) | 530 w |
| Power Consumption (at 35°C, 95% rh) | 780 w |
| Absorbed Current (at 35°C, 95% rh) standard ver. | 3.6 A |
| Start Current Full Load Amp | 19 A |
| Air Flow | 500 cm/h |
| Noise level (at 3 meters) | 53 dB |
| Refrigerant | R407c |
| Defrosting Control Standard | Electronic |
| Hot Gas Defrosting Control System (optional) | Electronic thermostat |
| Tank Capacity | 8kg |
| Continuous Drainage Pipe (male) | 19mm |
| Temperature Range (Hot Gas Defrost version) | 0.5-35°C |
| Relative Humidity Range | 35-99% |
| Condensation Capacity (at 30°C, 80% rh) | 36 l/24 hr |
| Condensation Capacity (at 32°C, 90% rh) | 44 l/24 hr |
| Weight | 35 kg |
| Dimensions | 46cm x 46cm x 98cm |

