

FIXED TIPE DEHUMIDIFIER

Industrial



FD750 & FD980

Provided with:

- Functioning at under zero temperature (optional)
- Hot gas defrosting device (optional) with electronic and thermostatic control
- Automatic dehumidostat (or remote control)
- Fittings for continuous draining pipe connection
- Available double version: horizontal or upper air supply
- High and low pressure switches
- Scroll Compressor

Main Characteristics:

- Very strong aluminium pipes frame with galvanized and painted steel panels
- Three speed fan

Used mainly in:

- Stores, basements
- Cold storage rooms (cheese etc.)
- Ceramic Factories etc.
- Swimming pools - inox version (The installation must be according to safety norms)

Voltage Available:

- 400/3/50+N

Data Sheet FD750.980 23.09.09

| AIR FLOW WITH DIFFERENT HEAD PRESSURES | | | | | | | |
|---|------|------|------|------|------|------|------|
| Available head pressure (Pa) | 180 | 200 | 220 | 240 | 260 | 280 | 300 |
| Air flow cm/h FD750 (middle fan speed) | 6200 | 6100 | 6000 | 6000 | 6000 | 5900 | 5800 |
| Air flow cm/h FD980 (max fan speed) | 8500 | 8300 | 8200 | 8100 | 8100 | 8000 | 8000 |

| CONDENSED WATER AT DIFFERENT AMBIENT TEMPERATURE AND HUMIDITY CONDITIONS | | | | | | | | | | | | |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------|
| Mod. | 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% |
| FD750 | 110 l/g | 190 l/g | 160 l/g | 250 l/g | 280 l/g | 320 l/g | 290 l/g | 400 l/g | 340 l/g | 460 l/g | 600 l/g | 750 l/g |
| FD980 | 150 l/g | 270 l/g | 220 l/g | 390 l/g | 330 l/g | 490 l/g | 400 l/g | 570 l/g | 490 l/g | 670 l/g | 870 l/g | 980 l/g |

| TECHNICAL DATA | FD750 | FD980 |
|---|----------------------|------------------|
| Rated Average Power Consumption (at 20°C, 60% R.H.) | 9000 W | 11200 W |
| Max. Power Consumption (at 35°C, 95% R.H.) | 11000W | 13000 W |
| Max. Absorbed Current (at 35°C, 95% R.H.) (std. vers. 230/1/50) | 22 A | 28.0 A |
| Locked Rotor Current L.R.A. (std. vers. 230/1/50)) | 80.0 | 100.0 |
| Suond Pressure Level (at 3 mts in free field) | 67 db(A) | 70 db (A) |
| Refrigerant R407c | 4000 g | 6100g |
| Standard defrosting Control System | elettronico | |
| Hot gas defrosting control system (optional) | termost./elettronico | |
| Condensed Water Draining Pipe Connection (male) | 3/4 " | |
| Functioning Temperature Range (standard version) | 7-35 °C | |
| Functioning Temp. Range (hot gas defrosting version) | 0,5-35 °C | |
| Functioning Relative Humidity Range | 45 - 99 % | |
| Rated Condensation Capacity (at 30°C - 80 %) | 600 l/24h | 870 l/24h |
| Rated Condensation Capacity (at 32°C-90 %) | 750 l/24h | 980 l/24h |
| Weight with empty tank | 230 kg | 320 kg |
| Dimensions LxDxH mm | 2000x1300x1600 | 2000x1300x1600 |