

FIXED TIPE DEHUMIDIFIER

Professional



FD360 & FD520

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

Data Sheet FD 360.520 23.09.09

AIR FLOW WITH DIFFERENT HEAD PRESSURES

| Available head pressure (Pa) | 0 | 25 | 50 | 75 | 100 | 125 | 150 |
|---|------|------|------|------|------|------|------|
| Air flow cm/h FD360 (middle fan speed) | 3500 | 3400 | 3300 | 3100 | 3000 | 3000 | - |
| Air flow cm/h FD520 (max fan speed) | 4600 | 4500 | 4400 | 4300 | 4300 | 4000 | 3800 |

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% |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------------|
| FD360 | 55 l/d | 95 l/d | 80 l/d | 125 l/d | 140 l/d | 160 l/d | 145 l/d | 200 l/d | 170 l/d | 230 l/d | 300 l/d | 360 l/d |
| FD520 | 80 l/d | 145 l/d | 115 l/d | 200 l/d | 170 l/d | 250 l/d | 210 l/d | 290 l/d | 250 l/d | 340 l/d | 440 l/d | 520 l/d |

TECHNICAL DATA

| | FD360 | FD520 |
|---|---------------------|------------------|
| Rated Average Power Consumption (at 20°C, 60% R.H.) | 4500 W | 5800 W |
| Max. Power Consumption (at 35°C, 95% R.H.) | 5800W | 6500 W |
| Max. Absorbed Current (at 35°C, 95% R.H.) (std. vers. 230/1/50) | 11 A | 16.0 A |
| Locked Rotor Current L.R.A. (std. vers. 230/1/50)) | 50.0 | 75.0 |
| Suond Pressure Level (at 3 mts in free field) | 61 db(A) | 65 db (A) |
| Refrigerant R407c | 2900 g | 3900g |
| Standard defrosting Control System | electronic | |
| Hot gas defrosting control system (optional) | termost./electronic | |
| 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 %) | 300 l/24h | 420 l/24h |
| Rated Condensation Capacity (at 32°C-90 %) | 360 l/24h | 520 l/24h |
| Weight with empty tank | 150 kg | 190 kg |
| Dimensions LxDxH cm | 118x90x71 | 118x90x91 |
| Dimensions of the Packaging Box LxDxH cm | 120x98x80 | 120x98x100 |

