

FD360  
FD520  
FD750  
FD980



## CARACTERÍSTICAS

Los deshumidificadores industriales de la serie **FD** son aparatos adecuados para controlar la humedad en espacios comerciales e industriales. Son especialmente robustos y resistentes, fáciles de instalar y de mantener. También se pueden utilizar en entornos destinados al almacenamiento de productos agroalimentarios o en procesos industriales en los que sea necesario controlar la humedad. Disponen de un filtro desempolvador lavable y deben conectarse a un desagüe fijo. Están equipados con un desumidostato mecánico integrado en la máquina. Es posible conectar un desumidostato digital remoto. Los deshumidificadores fijos de la serie FD están equipados de serie con el sistema de descongelación por GAS CALIENTE (opcional) con control electrónico y termostático, y pueden funcionar a temperaturas cercanas a los 0 °C.

| CARACTERÍSTICAS                                 | UNIDAD                         | FD360                      | FD520                      | FD750                      | FD980                      |
|-------------------------------------------------|--------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| CAPACIDAD DE DESHUMIDIFICACIÓN. 32 °C - 90 % HR | l/24                           | 360                        | 520                        | 750                        | 980                        |
| POTENCIA NOMINAL MEDIA ASS.                     | kW                             | 5.2                        | 6.7                        | 9.3                        | 11.9                       |
| POTENCIA MÁXIMA ABSORBIDA                       | kW                             | 6.0                        | 7.7                        | 10.7                       | 13.7                       |
| CORRIENTE MÁXIMA ABSORBIDA                      | A                              | 12.5                       | 15.6                       | 18.2                       | 22.9                       |
| CORRIENTE DE ARRANQUE                           | A                              | 63.0                       | 76.0                       | 87.0                       | 98.0                       |
| NIVEL DE PRESIÓN SONORA                         | db(A)                          | 61                         | 65                         | 67                         | 70                         |
| REFRIGERANTE                                    | -                              | R407c                      | R407c                      | R407c                      | R407c                      |
| CONEXIÓN DE DRENAJE DE CONDENSADO EN LA UNIDAD  | M                              | 3/4"                       | 3/4"                       | 3/4"                       | 3/4"                       |
| CAMPO DE FUNCIONAMIENTO                         | C°                             | 7÷35                       | 7÷35                       | 7÷35                       | 7÷35                       |
| OPT. DESCONGELACIÓN CON GAS CALIENTE            | C°                             | 0.5÷35                     | 0.5÷35                     | 0.5÷35                     | 0.5÷35                     |
| OPT. FUNCIONAMIENTO POR DEBAJO DE CERO          | C°                             | -0.5÷35                    | -0.5÷35                    | -0.5÷35                    | -0.5÷35                    |
| CAMPO DE FUNCIONAMIENTO                         | T<30°C<br>T30-32°C<br>T32-35°C | 45÷99%<br>45÷90%<br>45÷70% | 45÷99%<br>45÷90%<br>45÷70% | 45÷99%<br>45÷90%<br>45÷70% | 45÷99%<br>45÷90%<br>45÷70% |
| POTENCIA NOMINAL MEDIA ASS.                     | kW                             | 9.2                        | 70.7                       | 13.3                       | 15.9                       |
| CAP. RISC. BATERÍA DE AGUA CALIENTE             | kW                             | 9                          | 12                         | 20                         | 24                         |
| TENSION DISPONIBLE                              | -                              | 400/3N-50                  | 400/3N-50                  | 400/3N-50                  | 400/3N-50                  |
| CAUDAL DE AIRE NOMINAL                          | mc/h                           | 3000                       | 4300                       | 6100                       | 8300                       |
| PRESIÓN ESTÁTICA ÚTIL                           | Pa                             | 100                        | 100                        | 200                        | 200                        |



## FEATURES

The **FD** series industrial dehumidifiers are units suitable for humidity control in commercial and industrial spaces. Particularly robust and durable, they are easy to install and simple to maintain. They can also be used in environments for the storage of agri-food products or in industrial processes where humidity control is required. They are equipped with a washable dust filter and must be connected to a fixed drain. The units feature an on-board mechanical humidistat. A remote digital humidistat can also be connected. The FD series fixed dehumidifiers are supplied as standard with a hot gas defrost system (optional) with electronic and thermostatic control, allowing operation at temperatures close to 0°C.

**FD360**  
**FD520**  
**FD750**  
**FD980**

| TECHNICAL SPECIFICATIONS                   | UNIT                           | FD360                      | FD520                      | FD750                      | FD980                      |
|--------------------------------------------|--------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| DEHUMIDIFICATION CAPACITY AT 32°C – 90% RH | l/24                           | 360                        | 520                        | 750                        | 980                        |
| AVERAGE RATED POWER INPUT                  | kW                             | 5.2                        | 6.7                        | 9.3                        | 11.9                       |
| MAX. POWER INPUT                           | kW                             | 6.0                        | 7.7                        | 10.7                       | 13.7                       |
| MAX. CURRENT INPUT                         | A                              | 12.5                       | 15.6                       | 18.2                       | 22.9                       |
| INRUSH CURRENT                             | A                              | 63.0                       | 76.0                       | 87.0                       | 98.0                       |
| SOUND PRESSURE LEVEL                       | db(A)                          | 61                         | 65                         | 67                         | 70                         |
| REFRIGERANT                                | -                              | R407c                      | R407c                      | R407c                      | R407c                      |
| CONDENSATE DRAIN CONNECTION ON UNIT        | M                              | 3/4"                       | 3/4"                       | 3/4"                       | 3/4"                       |
| OPERATING RANGE                            | C°                             | 7÷35                       | 7÷35                       | 7÷35                       | 7÷35                       |
| OPTION FOR HOT GAS DEFROST                 | C°                             | 0.5÷35                     | 0.5÷35                     | 0.5÷35                     | 0.5÷35                     |
| OPTION FOR OPERATION BELOW ZERO            | C°                             | -0.5÷35                    | -0.5÷35                    | -0.5÷35                    | -0.5÷35                    |
| OPERATING RANGE                            | T<30°C<br>T30-32°C<br>T32-35°C | 45÷99%<br>45÷90%<br>45÷70% | 45÷99%<br>45÷90%<br>45÷70% | 45÷99%<br>45÷90%<br>45÷70% | 45÷99%<br>45÷90%<br>45÷70% |
| AVERAGE RATED POWER INPUT                  | kW                             | 9.2                        | 70.7                       | 13.3                       | 15.9                       |
| HOT WATER COIL HEATING CAPACITY            | kW                             | 9                          | 12                         | 20                         | 24                         |
| AVAILABLE VOLTAGE                          | -                              | 400/3N-50                  | 400/3N-50                  | 400/3N-50                  | 400/3N-50                  |
| RATED AIRFLOW                              | mc/h                           | 3000                       | 4300                       | 6100                       | 8300                       |
| USEFUL STATIC PRESSURE                     | Pa                             | 100                        | 100                        | 200                        | 200                        |