

Deshumidificadores

DEHUMIDIFYING DRYERS



Compressed Air Dryers MES Dew Point -25°C
Compressed Air Dryers MDS Dew Point -50°C



Compressed Air Dryers MD 2-G and MD 4-G Dew Point -40°C

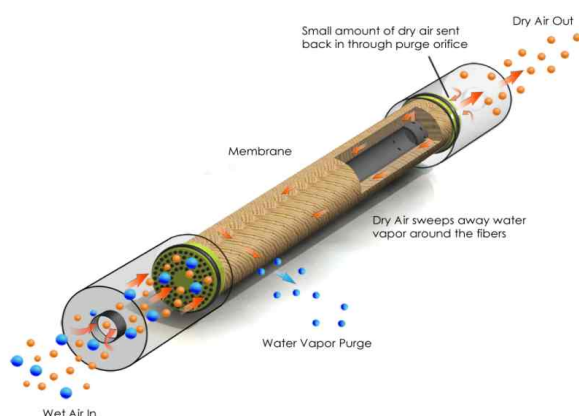
DESHUMIDIFICADORES DE AIRE COMPRIMIDO COMPRESSED AIR DEHUMIDIFYING DRYERS

Los deshumidificadores MDS hacen la diferencia MDS dehumidifying dryers makes the difference

La tecnología MDS está compuesta por miles de fibras que eliminan la humedad del aire.
El resultado es un punto de rocío constante en todas las condiciones, independientemente de la calidad del aire comprimido.

The MDS technology is composed of thousands of fibers that remove humidity from the air.
The result is a dew-point constant in all conditions, regardless of the quality of compressed air.

- El vapor de agua se separa del aire comprimido.
- Un flujo de aire deshumidificado elimina el vapor de agua.
- Secado de aire con un punto de rocío de -50 °C
- The water vapor is separated from compressed air
- A flow of dehumidified air removes the water vapor
- Drying air with a dew point of -50 °C



no zeolite

antistress system

constant dew-point

Datos técnicos

- Aire de proceso con punto de rocío constante de -50°
- Funciona con cualquier fuente de aire comprimido
- Ahorro de energía de serie con sistema antiestrés
- Temperatura de proceso estándar: 180 °C
- Tolva de acero inoxidable de serie
- Descarga por guillotina con compuerta deslizante en todas las tolvas
- Tolva aislada en todos los modelos
- Indicador de sobre temperatura
- Indicador de baja presión de aire

Technical data

- Constant -50° dew point process air
- Works with any source of compressed air
- Energy Saver standard by antistress system
- Standard process temperature 180°C
- Stainless steel hopper standard
- Slide gate drain-port and slide-gate discharge on all hoppers
- Insulated hopper on all models
- Over-temperature indicator
- Low air pressure indicator

MODEL	MDS 2-G	MDS 4-G	MDS 6	MDS 10	MDS 20	MDS 30	MDS 50
Alimentación (V-Hz) Power supply (V-Hz)	230V ±10% / 1 / 50-60Hz						
Caudal de aire (m³/h) Air flow (m³/h)	2-6	2-6	2-6	3-12	6-18	6-18	6-18
Dew-Point (°C) Dew-Point (°C)	-40°C			-50°C			
Calefacción (kW) Heating (kW)	0,4	0,4	0,6	0,6	0,6	0,8	0,8
Temperatura máxima (°C) Max Temperature (°C)	180	180	180	180	180	180	180
Potencia total instalada (kW) Total power installed (kW)	0,41	0,41	0,61	0,61	0,61	0,81	0,81
Consumo medio a 80°C (kW/h) Average consumption at 80°C (kW/h)	0,01-0,06	0,01-0,06	0,02-0,10	0,06-0,20	0,06-0,20	0,11-0,27	0,11-0,27
Capacidad tolva (dm³) Hopper capacity (dm³)	2	4	6	10	20	30	50
Peso aproximado (kg) Approx. Unit weight (kg)	10	12	10	15	18	20	25

DESHUMIDIFICADORES DE AIRE COMPRIMIDO COMPRESSED AIR DEHUMIDIFYING DRYERS

Performance

The MDS Dryer:

- Operates at full capacity on normal compressed air.
- Always produces -50° dew point (or less) process air.

The result:

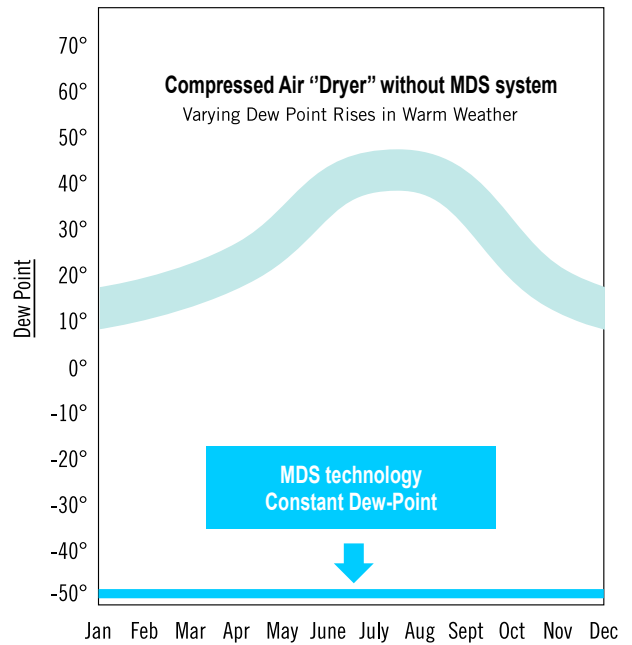
Properly dried material... YEAR ROUND!

Compressed Air “Dryer” Without MDS system:

- Require cool, pre-dried incoming air at 100 psi.
- NEVER produce -50° dew point process air.

The result:

Variation in resin dryness and product characteristics.



Energy Usage

The MDS Dryer:

- Reduces compressed air consumption with patented design.
- Requires only 80 psi for full capacity operation.

The result:

Reduced energy costs.

Compressed Air “Dryer” Without MDS system:

- Use nearly 2 times the compressed air compared to the MDS dryer.

Add-On Membrane Models:

- Use nearly 3 times the compressed air compared to the MDS dryer.

The result:

Much higher energy costs.

Maintenance/Downtime

The MDS Dryer:

- Change 2 filter elements once per year!
- No moving parts
- No desiccant to change.
- No complications... turn the power on, set the temperatures and you have -50 dew point air in 4 minutes.

The result:

Minimal cost for parts and near-zero maintenance.

Desiccant Dryers:

- A multitude of moving parts to be replaced.
- Desiccant which requires constant vigilance and replacement.

Non-Membrane Compressed Air Dryers:

- Dow time in the summer because of improperly dried resin.

The result:

Higher costs and lost production time.

Distribuidores en el mundo

DISTRIBUTORS IN THE WORLD



Alemania
Argentina
Australia
Austria
Bélgica
Brasil
Bulgaria
Colombia
Costa Rica
Dinamarca

Eslovaquia
Eslovenia
Estonia
Estados Unidos
Francia
Grecia
Hungria
India
Irlanda
Israel

Italia
Jordania
Letonia
Lituania
Macedonia
Marruecos
México
Países Bajos
Polonia
Portugal

Reino Unido
República Checa
República Dominicana
Rumania
Rusia
Suecia
Suiza
Tailandia
Turquía

INDUSTRIAL Y COMERCIAL MARSE S.L.

C/ Comtes de Bell.lloc, 75 - 08014 Barcelona - España

C/ Metal·lúrgia, 10-11 - 08755 Castellbisbal (Barcelona) - España

Tel. +34 93 4902040

Mail: marse@marse.es

Web: www.marse.es



+ info