



DEWDROP

DELIQUESCENT DRYERS

METALPLAN

FIRST COMPRESSOR
MANUFACTURER IN THE
WORLD ACCREDITED

ISO 50001
ENERGY MANAGEMENT

DELIQUESCENT DRYERS **DEWDROP**



Dewdrop deliquescent dryers are a Metalplan exclusive and offer the simplest and most cost-effective alternative to removing moisture from small flows of compressed air.

Deliquescent drying provides an extremely low level of humidity and is achieved through the unique AquaSorb pellets. The result is compressed air completely free of water and oil.

- Designed for reciprocating and rotary screw compressors.
- Increase system productivity and quality.
- Constructed from aluminum: corrosion-free.
- Vertical mounting support.
- Ideal for painting, pneumatic tools, plasma cutting etc.
- No electrical energy consumption.
- No compressed air consumption.
- No moving parts.

dry air for
numerous
applications

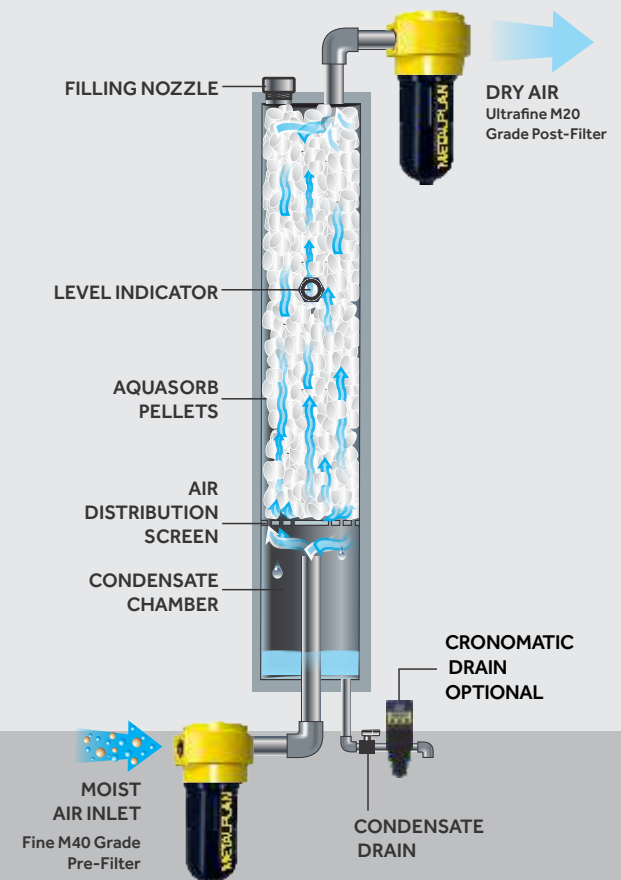
humidity **ZERO**

AIR
consumption
ZERO

electricity
consumption
ZERO

6 to 32 cfm

THE ECONOMICAL AND DEFINITIVE SOLUTION FOR DRYING COMPRESSED AIR



AQUASORB



TOTALPOINT 6 cfm

Ideal for automotive painting, among other applications. Comes with integrated pre and post-coalescing filters.



AIR POINT MINI 10 cfm

Capacity for one gravity-feed paint gun and numerous other applications.



AIR POINT 16 cfm

The most versatile and best-selling point-of-use dryer in the world. Serves two gravity-feed paint guns, plasma cutting, tools etc.



D4 20 cfm

Serves flows of up to 20 cfm with significant savings and pairs perfectly with the Rotor Plus 4 compressor.



D6 32 cfm

It is the most cost-effective dryer on the market. Ideal for the Rotor Plus 6 compressor or 10 hp piston compressors.



DENTAL AIR PURIFIER 6 cfm

Perfect for dental clinics and offices. Comes with integrated pre and post-filters.

AquaSorb pellets absorb moisture from compressed air, forming condensate at the bottom of the dryer. It is recommended to install a pre-filter and a post-filter in this type of dryer.

AQUASORB PELLETS
REFILL (1 and 3 kg)
TOTALPOINT



DADOS TÉCNICOS

Dryer	Flow Rate		In/Out (BSP)	Dimensions (mm)			Weight (kg)	AquaSorb Refill (kg)	Hyperfilter compatible
	cfm	m ³ /h		length	height	width			
TotalPoint	6	10,2	1/2"	105	590	145	6	1	M40/M20 integrated.
Air Point mini	10	17	3/4"	150	370	140	8	1,6	MFC-025-M40/M20
Air Point	16	27,2	3/4"	150	760	140	13	5	MFC-025-M40/M20
D4	20	34	3/4"	150	870	140	16	6	MFC-025-M40/M20
D6	32	54,4	3/4"	150	760	270	26	10	MFC-050-M40/M20



If the compressed air contains liquid moisture, install a Hyperfilter coalescing filter before the dryer.

AquaSorb Durability:
500 h (Dental Air Purifier/TotalPoint/Air Point mini)
1000 h (Air Point/D4/D6)

Dew Point Suppression: up to 20°C
Maximum working pressure: 180 psi / 12,5 bar(g)
Maximum inlet temperature: 35°C



H. STERN CHOSE METALPLAN

"H. Stern jewelry materializes dreams and emotions.

Each piece is meticulously crafted using the most sophisticated goldsmithing tools.

The ones ensuring the quality of the compressed air that feeds these tools are Metalplan's Air Point dryers."

H. Stern



MARKS OF OUR HISTORY



ROTARY SCREW COMPRESSORS



4 to 25 hp

OIL INJECTED ROTARY SCREW COMPRESSORS



10 to 250 hp

OIL FREE SCROLL COMPRESSORS



5 up to 50 hp

BOOSTERS



20 up to 250 bar

REFRIGERATED DRYERS



20 to 9.600 cfm

DELIQUESCENT DRYERS



6 up to 32 cfm

DESICCANT DRYERS



15 up to 20.000 cfm

BREATHING AIR PURIFIERS



15 up to 800 cfm

COALESCING / ADSORBENT MICROBIOLOGICAL FILTERS



25 to 10.000 cfm

AUTOMATIC DRAINS



ELECTRONIC & MAGNETIC

WATER/OIL SEPARATOR



< 5 mg/m³

AIRLINE



PIPES & FITTINGS
100% ALUMINUM
25 up to 160 mm

OXYGEN PSA GENERATORS



PURITY FROM
93% up to 95%

NITROGEN PSA GENERATORS



PURITY FROM
95% up to 99.999%

ISO TOWER CLASS ZERO



60 up to 2.000 cfm

CHILLERS



1.000 up to 720.000 kcal

AIRCARE



**96% OF CUSTOMERS
FULLY SATISFIED**

In an annual ISO 9001 audited survey, we achieved a 96% customer satisfaction rate for Technical Assistance. This percentage corresponds to the evaluations above 7 (seven), on a scale of 0 (zero) to 10 (ten).

This success is due to over 70 authorized workshops and 200 accredited technicians throughout American continent, supported by an exclusive partnership with SENAI for mechanic training, making our After-Sales Service the most acclaimed in the market.



Typical store

**COMPREHENSIVE
INVENTORY OF
ORIGINAL PARTS**



**MAXIMUM EFFICIENCY
IN AFTER-SALES SERVICE**

70
CERTIFIED
WORKSHOPS

200
SPECIALIZED
TECHNICIANS



METALPLAN IS NUMBER ONE IN ENERGY EFFICIENCY

As the absolute leader in rotary screw compressors up to 25 hp in Brazil, Metalplan is the world's first* compressor manufacturer accredited in ISO 50001 - Energy Management, demonstrating its commitment to energy efficiency, the foundation for sustainability and competitiveness of companies.

Founded in 1986, Metalplan has a production area of 6.000 m², developing innovative equipment with a high level of nationalization, exporting to over 20 countries.

Its network of authorized distributors and service centers includes over 300 highly specialized companies with extensive geographic coverage, capable of servicing over 100.000 operating equipment.

In recent years, Metalplan has been expanding its horizons to disruptive technologies in gases and renewable energies, such as on-site generation and compression of nitrogen, oxygen, biogas, biomethane, CO₂ and GNV.

ISO 9001

ISO 50001



METALPLAN

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