

The light weight modular design desiccant dryer series brings a new concept in compressed air technology, offering total installation flexibility to meet specific needs.

Drytec's Modular Desiccant Dryers are less than half the weight and size of a traditional twin tower design, allowing even the largest models to be easily moved through a standard doorway. Drytec's innovative Modular Air Dryers make it easier and more affordable than ever to deliver high-quality compressed air for virtually wherever it's needed.

Drytec Modular Desiccant Dryers have cosmetic beauty and can be located in clean, pleasant environments eyesore. Offered in sizes from 5 m³/h to 400 m³/h with dew point of -40°C to -70°C (optional) these dryers are equipped with everything you need, requiring only air inlet/outlet connections.

Using a highly engineered inlet and purge manifold design, Drytec proudly offers one of the lowest pressure drop desiccant dryer in the industry.

- Small footprint, lightweight, advanced compact design
- Corrosion protected Aluminium construction
- Hassle-free, reliable electronic controls
- Can be floor, bench or wall mounted
- Quiet enough to be placed in any work environment
- Easy installation, easy maintenance

The new Modular Desiccant Dryers combine proven traditional dryer principles with the latest technology to provide unsurpassed efficiency, flexibility and world-renowned Drytec reliability for your critical dry air applications.

Various Application Options

Modular Desiccant Air Dryers can be mounted to the wall with easy-to-use mounting brackets to free up additional space and can also be secured to the ground very easily.



Technical Specifications

Model	Capacity		Voltage	Connection Size	Max. Working Pressure (bar)	Dimensions			
	(m ³ /h)	(cfm)				Width (mm)	Length (mm)	Height (mm)	Weight (kg)
MDD3	5	3	115-240V/50-60 Hz.	1/2"	16	320	336	558	17
MDD5	10	5	115-240V/50-60 Hz.	1/2"	16	320	320	633	19
MDD10	20	10	115-240V/50-60 Hz.	1/2"	16	320	320	908	27
MDD15	25	15	115-240V/50-60 Hz.	1/2"	16	370	350	808	31
MDD20	35	20	115-240V/50-60 Hz.	1/2"	16	370	350	1108	42
MDD25	45	25	115-240V/50-60 Hz.	1/2"	16	370	350	1258	48
MDD30	50	30	115-240V/50-60 Hz.	1/2"	16	370	350	1508	54
MDD40	70	40	115-240V/50-60 Hz.	1 1/2"	16	410	495	1250	71
MDD50	85	50	115-240V/50-60 Hz.	1 1/2"	16	410	495	1400	78
MDD60	100	60	115-240V/50-60 Hz.	1 1/2"	16	410	495	1750	92
MDD75	130	75	115-240V/50-60 Hz.	1 1/2"	16	430	622	1300	120
MDD100	170	100	115-240V/50-60 Hz.	1 1/2"	16	430	622	1450	133
MDD120	200	120	115-240V/50-60 Hz.	1 1/2"	16	430	622	1750	152
MDD180	300	180	115-240V/50-60 Hz.	1 1/2"	16	410	734	1499	186
MDD240	400	240	115-240V/50-60 Hz.	1 1/2"	16	410	889	1497	235

Pressure Dew Point	Nominal Inlet Temperature	Nominal Working Pressure	Maximum Inlet Temperature	Maximum Working Pressure	Maximum Ambient Temperature
40°C / 70°C (opt)	35°C	7 bar	50°C	16 bar	50°C

Correction Factor

Pressure (bar)	F1	Inlet Temp. (°C)	F2
4.5	0.69	20	1
5	0.75	25	1
6	0.88	30	1
7	1	35	1
8	1.12	40	0.80
9	1.25	45	0.73
10	1.37	50	0.59
11	1.50	-	-
12	1.62	-	-
13	1.74	-	-
14	1.87	-	-
15	1.99	-	-
16	2.11	-	-

PLC Monitor

The mini PLC is user friendly and shows the working action simultaneously. It is possible to get an alarm signal or remote control thanks to an easy access plug below the dryer. Dew point control and monitoring is possible with a dew point sensor.

