



Ozen Desiccant Air Drying Systems

ODMD Modular Desiccant
Air Dryers



ODMD Series Modular Desiccant Air Dryers

ODMD (3-240 scfm)

ODMD series desiccant dryers' light, modular design provides flexibility of installation. ODMD series dryers can easily satisfy special needs and they make installation and assembly simple since they only weigh half of standard dryers with tanks. The series, with its plug-and-play design, esthetic appearance and innovative build, is suitable for use wherever high-quality compressed air is needed.

The series, with a portfolio of products ranging from 3 cfm to 240 scfm, is an all-in-one package with a dew-point between $-40\text{ }^{\circ}\text{F}$ and $-94\text{ }^{\circ}\text{F}$; all you need is air inlet and outlet connections. Its highly engineered inlet valve and outlet manifold design guarantee the lowest pressure drop in the industry.

- Quick installation and maintenance
- Esthetic appearance with compact, lightweight design
- Protection against corrosion by aluminum body
- Floor, wall or countertop installation options
- Reliable electronic control panel





PLC Monitor

- Instant work process monitoring with user friendly indicators
- Command by remote control
- Remote signal capability

Technical Specifications

Model	Capacity	Voltage	Coupling Size	Max. Pressure	Dimensions (inch)			Weight
	scfm	V			L	W	H	
ODMD-3	3	115-230/1/60	1/2" NPT	230	13.2	12.6	22	37
ODMD-5	5	115-230/1/60	1/2" NPT	230	12.6	12.6	25	41
ODMD-10	10	115-230/1/60	1/2" NPT	230	12.6	12.6	35.5	59
ODMD-15	15	115-230/1/60	1/2" NPT	230	13.8	14.5	31.8	68
ODMD-20	20	115-230/1/60	1/2" NPT	230	13.8	14.5	43.6	92
ODMD-25	25	115-230/1/60	1/2" NPT	230	13.8	14.5	49.5	105
ODMD-30	30	115-230/1/60	1/2" NPT	230	13.8	14.5	59.4	118
ODMD-40	40	115-230/1/60	1 1/2" NPT	230	19.5	16.1	49.2	143
ODMD-50	50	115-230/1/60	1 1/2" NPT	230	19.5	16.1	55.1	156
ODMD-60	60	115-230/1/60	1 1/2" NPT	230	19.5	16.1	68.8	171
ODMD-75	75	115-230/1/60	1 1/2" NPT	230	24.5	17	51.1	202
ODMD-100	100	115-230/1/60	1 1/2" NPT	230	24.5	22	58	264
ODMD-120	120	115-230/1/60	1 1/2" NPT	230	24.5	25	68.8	292
ODMD-180	180	115-230/1/60	1 1/2" NPT	230	28.9	16.1	59	409
ODMD-240	240	115-230/1/60	1 1/2" NPT	230	35	16.1	59	517

- Max. working pressure: 230 psig.
- Max. ambient temperature: 122 °F.
- Max. Inlet temperature: 122 °F
- Pressure Dew point -40 °F, optional -94 °F
- Different voltage options are available.

CORRECTION FACTORS FOR ODRD DRYERS																
Pressure (psi)	50	60	70	80	90	100	110	120	130	140	150	175	200	225	250	
X1	0.56	0.65	0.74	0.83	0.91	1.00	1.06	1.08	1.12	1.16	1.20	1.29	1.37	1.45	1.52	
Inlet Temperature (°F)	70	80	90	100	105	110	115	120	-	-	-	-	-	-	-	
X2	1.12	1.09	1.06	1	0.93	0.86	0.8	0.75	-	-	-	-	-	-	-	