

## OMD Series Modular Desiccant Air Dryers

**ozen**<sup>®</sup>  
KOMPRESÖR

OMD (5-400 m<sup>3</sup>/h)

OMD series desiccant dryers' light, modular design provides flexibility of installation. OMD 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 0.08 m<sup>3</sup>/min to 6.66 m<sup>3</sup>/min, is an all-in-one package with a dew-point between -40 °C and -94 °C; 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



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## PLC Monitor

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

## Technical Specifications

MODEL	Capacity		Filter Set	Connection Size	Voltage V / Hz	Dew Point (°C)	Dimensions (mm)	Total Weight (kg)
	m <sup>3</sup> /min	m <sup>3</sup> /h						
OMD 3	0.08	5	GKO20 MX-MY-MP	1/2"	230V / 50-60 Hz	-40	320x310x560	15
OMD 5	0.16	10	GKO20 MX-MY-MP	1/2"	230V / 50-60 Hz	-40	320x310x640	17
OMD 10	0.33	20	GKO20 MX-MY-MP	1/2"	230V / 50-60 Hz	-40	320x310x910	23
OMD 15	0.41	25	GKO25 MX-MY-MP	1/2"	230V / 50-60 Hz	-40	320x370x800	25
OMD 20	0.58	35	GKO50 MX-MY-MP	1/2"	230V / 50-60 Hz	-40	320x370x1100	35
OMD 25	0.75	45	GKO50 MX-MY-MP	1/2"	230V / 50-60 Hz	-40	320x370x1250	41
OMD 30	0.83	50	GKO50 MX-MY-MP	1/2"	230V / 50-60 Hz	-40	320x370x1500	46
OMD 40	1.16	70	GKO100 MX-MY-MP	1 1/2"	230V / 50-60 Hz	-40	430x430x1250	71
OMD 50	1.41	85	GKO100 MX-MY-MP	1 1/2"	230V / 50-60 Hz	-40	430x430x1400	78
OMD 60	1.66	100	GKO100 MX-MY-MP	1 1/2"	230V / 50-60 Hz	-40	430x430x1750	92
OMD 75	2.16	130	GKO150 MX-MY-MP	1 1/2"	230V / 50-60 Hz	-40	570x430x1300	117
OMD 100	2.83	170	GKO150 MX-MY-MP	1 1/2"	230V / 50-60 Hz	-40	570x430x1450	130
OMD 120	3.33	200	GKO150 MX-MY-MP	1 1/2"	230V / 50-60 Hz	-40	570x430x1750	152
OMD 180	5.00	300	GKO200 MX-MY-MP	1 1/2"	230V / 50-60 Hz	-40	710x430x1500	185
OMD 240	6.66	400	GKO250 MX-MY-MP	1 1/2"	230V / 50-60 Hz	-40	850x430x1500	236

Correction Factors													
(Bar g)	4,5	5	6	7	8	9	10	11	12	13	14	15	16
Factor (F1)	0,69	0,75	0,88	1	1,12	1,25	1,37	1,5	1,62	1,74	1,87	1,99	2,11
Inlet Temperature (°C)	20	25	30	35	40	45	50	-	-	-	-	-	-
Factor F2	1	1	1	1	0,8	0,73	0,59	-	-	-	-	-	-

- To find the most suitable model with high efficiency, multiply the flow rate in the table above by the correction factor corresponding to the working pressure.

- Dew Point: -40 °C
- Normal Inlet Temperature: 35 °C
- Normal Working Pressure: 7 bar
- Max. Inlet Temperature: 50 °C
- Max. Working Pressure: 16 bar
- Max. Ambient Temperature: 50 °C