

ODRE Series Refrigerated Air Dryers



ODRE

MODEL	Capacity 7 Bar, Max. 35 °C Inlet, 25 °C Ambient Temperature		Connection Size	Voltage V / ~ / Hz	Pressure Drop (mbar)	Max. Working Pressure (Bar)	Max. Ambient Temperature (°C)	Max. Inlet Temperature (°C)	Filter Model to be placed in the Dryer m ³ /h
	m ³ /min	cfm							
ODRE 23	0,38	23	1/2"	230/1/50	100	16	60	70	GKO45 MX+MY
ODRE 38	0,63	38	1/2"	230/1/50	140	16	60	70	GKO45 MX+MY
ODRE 53	0,88	53	1/2"	230/1/50	220	16	60	70	GKO45 MX+MY
ODRE 70	1,17	70	1/2"	230/1/50	50	16	60	70	GKO70 MX+MY
ODRE 100	1,66	100	3/4"	230/1/50	100	16	60	70	GKO150 MX+MY
ODRE 155	2,58	155	3/4"	230/1/50	150	16	60	70	GKO150 MX+MY
ODRE 190	3,16	190	3/4"	230/1/50	100	16	60	70	GKO150 MX+MY
ODRE 210	3,5	210	1 1/2"	230/1/50	150	16	60	70	GKO500 MX+MY
ODRE 305	5,08	305	1 1/2"	230/1/50	80	16	60	70	GKO500 MX+MY
ODRE 375	6,25	375	1 1/2"	230/1/50	120	16	60	70	GKO500 MX+MY
ODRE 495	8,25	495	2"	230/1/50	100	16	60	70	GKO851 MX+MY
ODRE 623	10,38	623	2"	230/1/50	100	16	60	70	GKO1210 MX+MY
ODRE 930	15,5	930	2"	230/1/50	120	16	60	70	GKO1210 MX+MY
ODRE 1200	20	1200	2"	230/1/50	220	16	60	70	GKO1210 MX+MY
ODRE 1388	23,13	1388	3"	400/3/50	180	16	60	70	GKO1820 MX+MY
ODRE 1800	30	1800	3"	400/3/50	120	16	60	70	GKO1820 MX+MY
ODRE 2500	41,66	2500	3"	400/3/50	220	16	60	70	GKO2700 MX+MY
ODRE 2775	46,25	2775	3"	400/3/50	170	16	60	70	GKO2700 MX+MY
ODRE 3330	55,5	3330	DIN 100	400/3/50	250	16	60	70	-
ODRE 3915	65,25	3915	DIN 100	400/3/50	200	16	60	70	-
ODRE 5085	84,75	5085	DIN 100	400/3/50	220	16	60	70	-
ODRE 5850	97,5	5850	DIN 100	400/3/50	200	16	60	70	-
ODRE 6975	116,25	6975	DIN 150	400/3/50	230	16	60	70	-
ODRE 7875	131,25	7875	DIN 150	400/3/50	220	16	60	70	-
ODRE 9000	150	9000	DIN 150	400/3/50	220	16	60	70	-
ODRE 10500	175	10500	DIN 200	400/3/50	220	16	60	70	-
ODRE 12500	200	12500	DIN 200	400/3/50	220	16	60	70	-

Correction Factors for ODRE Series Dryers								
Air Inlet Temperature °C	30	35	40	45	50	60	-	-
F1	1,29	1	0,92	0,78	0,65	0,45	-	-
Ambient Temperature °C	20	25	30	35	40	50	-	-
F2	1,05	1	0,98	0,93	0,84	0,7	-	-
Pressure Bar	4	6	7	8	10	12	14	16
F3	0,8	0,94	1	1,04	1,11	1,16	1,22	1,25
Correction Formula: Air Capacity of Compressor/F1/F2/F3= Dryer Capacity								

- Capacities are specified according to ISO 1217: 2009 Annex C with reference to 1 bar inlet pressure and 20 °C ambient temperature. Dew point is +10 °C.