

ODRC Series Cycling (Thermal Mass) Refrigerated Air Dryers



Technical Specifications ODRC (10-5000 scfm)

Model	Capacity	Voltage	Coupling Size	Replacment Filter Type	Diamensions (inch)		
	scfm	V			W	L	H
ODRC-100	100	115/1/60	1 1/2" NPT	ODD-300-KIT	25,50	26,65	48,35
ODRC-125	125	115/1/60	1 1/2" NPT	ODD-300-KIT	25,50	26,65	48,35
ODRC-140	140	230/1/60	1 1/2" NPT	ODD-300-KIT	25,50	26,65	48,35
ODRC-175	175	230/1/60	2" NPT	ODD-300-KIT	28,55	33,65	59,25
ODRC-200	200	230/1/60	2" NPT	ODD-700-KIT	28,55	33,65	59,25
ODRC-250	250	230/1/60	2" NPT	ODD-700-KIT	28,75	32,70	69,50
ODRC-350	350	460/3/60	2" NPT	ODD-700-KIT	28,75	32,70	69,50
ODRC-425	425	460/3/60	2" NPT	ODD-700-KIT	28,75	32,70	69,50
ODRC-550	550	460/3/60	3" NPT	ODD-1100-KIT	31,50	61,00	68,50
ODRC-700	700	460/3/60	3" NPT	ODD-1100-KIT	31,50	61,00	68,50
ODRC-900	900	460/3/60	3" NPT	ODD-1600-KIT	34,65	51,80	70,50
ODRC-1100	1100	460/3/60	3" NPT	ODD-1600-KIT	34,65	51,80	70,50
ODRC-1350	1350	460/3/60	4" FLANGE	N/A	33,50	55,00	72,45
ODRC-1500	1500	460/3/60	4" FLANGE	N/A	33,50	55,00	72,45
ODRC-2000	2000	460/3/60	4" FLANGE	N/A	42,50	63,80	78,55
ODRC-2350	2350	460/3/60	4" FLANGE	N/A	42,50	63,80	78,55
ODRC-2750	2750	460/3/60	6" FLANGE	N/A	42,00	86,25	80,00
ODRC-3000	3000	460/3/60	6" FLANGE	N/A	42,00	86,25	80,00
ODRC-3600	3600	460/3/60	6" FLANGE	N/A	47,25	114,20	83,50
ODRC-4000	4000	460/3/60	8" FLANGE	N/A	47,25	114,20	83,50
ODRC-5000	5000	460/3/60	8" FLANGE	N/A	61,00	100,50	85,45

CORRECTION FACTORS FOR ODRD DRYERS

Inlet Temperature (°F)	85	90	95	100	110	120	130	140	150	-
X1	1,20	1,14	1,08	1,00	0,75	0,60	0,50	0,45	0,35	-
Ambient Temperature (°F)	60	80	90	100	105	110	115	120	-	-
X2	1,12	1,08	1,06	1,00	0,96	0,9	0,8	0,65	-	-
Pressure (psi)	50	60	75	100	115	125	150	175	200	230
X3	0,75	0,77	0,85	1	1,06	1,1	1,16	1,25	1,3	1,35

- Max. working pressure: 230 psig.
- Max. ambient temperature: 120 °F.
- Max. Inlet temperature: 140 °F
- Different voltage options are available.