

ODRD Series Digital Cycling Refrigerated Air Dryers



Technical Specifications ODRD (10-5000 scfm)

Model	Capacity	Voltage	Coupling Size	Pressure Drop	Integrated Filter	Replecament Filter Type	Diamensions (inch)			Weight
	scfm	V		psi			W	L	H	lbs
ODRD-10	10	115/1/60	1/2" NPT	1,5	included	ODD-27-KIT	17	16	23	71
ODRD-15	15	115/1/60	1/2" NPT	1,7	included	ODD-27-KIT	17	16	23	71
ODRD-25	25	115/1/60	1/2" NPT	2,8	included	ODD-27-KIT	17	16	23	71
ODRD-30	30	115/1/60	1/2" NPT	2,8	included	ODD-41-KIT	17	16	23	77
ODRD-35	35	115/1/60	3/4" NPT	1,2	included	ODD-90-KIT	19	18	33	113
ODRD-60	60	115/1/60	3/4" NPT	1,6	included	ODD-90-KIT	19	18	33	117
ODRD-75	75	115/1/60	3/4" NPT	2,3	included	ODD-90-KIT	19	18	33	121
ODRD-100	100	115/1/60	1 1/2" NPT	1,6	included	ODD-300-KIT	22	20	35	172
ODRD-125	125	115/1/60	1 1/2" NPT	2,2	included	ODD-300-KIT	22	20	35	183
ODRD-140	140	230/1/60	1 1/2" NPT	2,8	included	ODD-300-KIT	22	20	35	190
ODRD-175	175	230/1/60	2" NPT	1,6	included	ODD-500-KIT	27	26	46	352
ODRD-200	200	230/1/60	2" NPT	1,9	included	ODD-700-KIT	27	26	46	363
ODRD-250	250	230/1/60	2" NPT	1,6	included	ODD-700-KIT	29	38	54	450
ODRD-350	350	230/1/60	2" NPT	2,6	included	ODD-700-KIT	29	38	54	485
ODRD-425	425	230/1/60	2" NPT	2,9	included	ODD-700-KIT	29	38	54	506
ODRD-550	550	460/3/60	3" NPT	2,0	included	ODD-1100-KIT	32	38	58	595
ODRD-700	700	460/3/60	3" NPT	2,5	included	ODD-1100-KIT	32	38	58	627
ODRD-900	900	460/3/60	3" NPT	1,7	included	ODD-1600-KIT	31	46	68	863
ODRD-1100	1100	460/3/60	3" NPT	2,2	included	ODD-1600-KIT	31	46	68	902
ODRD-1350	1350	460/3/60	4" FLANGE	1,7	Not included	Not included	34	55	70	1082
ODRD-1500	1500	460/3/60	4" FLANGE	1,9	Not included	Not included	34	55	70	1145
ODRD-2000	2000	460/3/60	4" FLANGE	2,7	Not included	Not included	43	58	76	1532
ODRD-2350	2350	460/3/60	4" FLANGE	2,8	Not included	Not included	43	58	76	1580
ODRD-2750	2750	460/3/60	6" FLANGE	2,5	Not included	Not included	42	87	76	1980
ODRD-3000	3000	460/3/60	6" FLANGE	2,5	Not included	Not included	42	87	76	2035
ODRD-3600	3600	460/3/60	6" FLANGE	2,5	Not included	Not included	36	89	78	2145
ODRD-4000	4000	460/3/60	8" FLANGE	2,5	Not included	Not included	36	89	78	2420
ODRD-5000	5000	460/3/60	8" FLANGE	2,5	Not included	Not included	61	101	83	3080

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

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)	60	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