

Ozen Refrigerated
Air Drying Systems

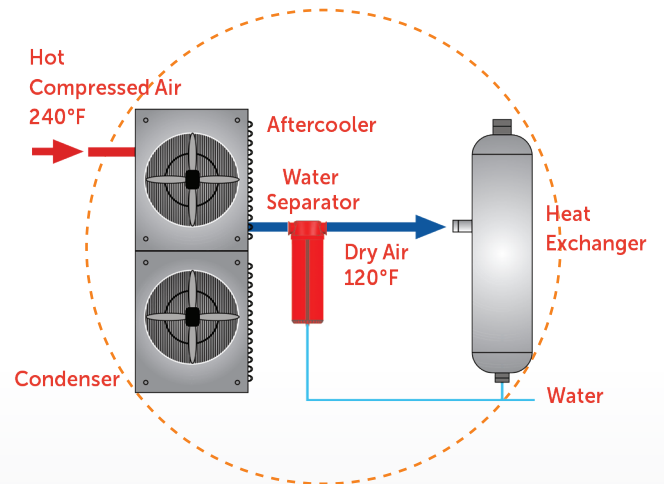
ODRH High Temperature
Refrigerated Air Dryers

ODRH Series High Temperature Refrigerated Air Dryers

ODRH (15-100 scfm)



In compressors whose air outlet temperature is above 240 °F and designed without a cooler, the air discharging from the compressor needs to be cooled down. By lowering the inlet temperature, ODRH series high temperature refrigerated air dryers create a consistent dew-point and ensure high performance.



Technical Specifications

Model	Capacity	Voltage	Coupling Size	Max. Pressure	Max. Ambient Temp.	Max. Inlet Temp.	Dimensions (inch)		
	scfm						V	psi	°F
ODRH-15	15	115/1/60	1/2" NPT	230	120	240	17.5	17.5	37.6
ODRH-25	25	115/1/60	1/2" NPT	230	120	240	17.5	17.5	37.6
ODRH-35	35	115/1/60	1/2" NPT	230	120	240	17.5	17.5	37.6
ODRH-50	50	115/1/60	3/4" NPT	230	120	240	17.5	17.5	37.6
ODRH-75	75	115/1/60	3/4" NPT	230	120	240	20	24.6	35.8
ODRH-100	100	115/1/60	3/4" NPT	230	120	240	20	24.6	35.8

CORRECTION FACTORS FOR ODRD DRYERS													
Inlet Temperature (°F)	39	50	61	70	79	90	100	149	180	199	208	219	240
X1	1.40	1.40	1.40	1.40	1.35	1.30	1.27	1.06	1.00	0.85	0.78	0.75	0.70
Ambient Temperature (°F)	39	50	61	75	84	95	100	104	115	120	-	-	-
X2	1.10	1.10	1.10	1.10	1.07	1.03	1	0.96	0.82	0.55	-	-	-
Pressure (psi)	60	73	87	102	115	123	145	160	175	189	203	230	-
X3	0.70	0.75	0.80	0.83	0.86	0.90	0.93	0.96	1	1.10	1.12	1.15	-

▪ Different voltage options are available.