

RPD Series Airdryer

Refrigerated Airdryer

Model	Air Connection	Capacity		Dimension mm			Weight kg	Suggested Pre-Filter Model	Suggested After-Filter Model
		m ³ /min	CFM	L	W	H			
RPD-60	Rc1-1/2"	6.5	230	750	592	913	78	RPF-AO-0145	RPF-AA-0145
RPD-80	Rc1-1/2"	8.8	311	750	592	913	80	RPF-AO-0145	RPF-AA-0145
RPD-100	Rc1-1/2"	11	388	750	592	913	85	RPF-AO-0220	RPF-AA-0220
RPD-120	Rc2"	13	459	1000	710	1030	130	RPF-AO-0220	RPF-AA-0220
RPD-150	Rc2"	17	600	1000	710	1030	140	RPF-AO-0330	RPF-AA-0330
RPD-200	Rc2"	22	777	1000	710	1030	150	RPF-AO-0330	RPF-AA-0330
RPD-250	Rc2-1/2"	27	953	1000	820	1600	250	RPF-AO-0430	RPF-AA-0430
RPD-300	Rc2-1/2"	33	1165	1000	820	1600	260	RPF-AO-0620	RPF-AA-0620
RPD-350	Rc2-1/2"	37	1306	1000	820	1600	270	RPF-AO-0620	RPF-AA-0620
RPD-400	DN100	45	1589	1250	1120	1750	500	RPF-AO-0830	RPF-AA-0830
RPD-500	DN100	55	1942	1250	1120	1750	510	RPF-AO-0830	RPF-AA-0830
RPD-600	DN100	65	2295	1250	1120	1750	550	RPF-AO-1000	RPF-AA-1000
RPD-700	DN125	73	2578	1250	1120	1750	580	RPF-AO-1200	RPF-AA-1200
RPD-800	DN150	80	2825	2000	1460	1770	800	RPF-AO-1300	RPF-AA-1300
RPD-900	DN150	90	3178	2000	1460	1770	810	RPF-AO-1950	RPF-AA-1950
RPD-1000	DN150	100	3531	2000	1460	1770	850	RPF-AO-1950	RPF-AA-1950
RPD-1200	DN150	120	4237	2000	1460	1770	870	RPF-AO-1950	RPF-AA-1950
RPD-1500	DN200	150	5297	2135	1225	1800	1150	RPF-AO-1950	RPF-AA-2500
RPD-1800	DN200	180	6356	2335	1225	1800	1350	RPF-AO-1950	RPF-AA-3250

Correction Factors

Actual Capacity (m³/min) = Nominal Capacity × F1× F2 × F3

Operating Pressure (F1)	Barg	3	4	5	6	7	8	9
	F1	0.76	0.86	0.92	0.93	1	1.04	1.08
	Barg	10	11	12	13	14	15	
	F1	1.11	1.15	1.18	1.22	1.25	1.28	

Compressed air Inlet Temperature (F2)	°C	35	38	40	46	49	54	60
	°F	95	100	104	115	120	129	140
	F2	1.11	1	0.92	0.76	0.69	0.56	0.46

Ambient Temperature (F3)	°C	25	30	35	38	40	45	50
	°F	77	86	95	100	104	113	122
	F3	1.15	1.1	1.02	1	0.89	0.79	0.69