

Table 1 – RHP Dryers Series Engineering Data

Model	Flow ⁽¹⁾ SCFM (M ³ /H)	Pressure Drop ⁽¹⁾ PSIG (Bar)	MWP PSIG ⁽⁶⁾ (Bar)	Refrigeration System ⁽²⁾ HP (kw)	Standard Voltages ⁽³⁾	In/Out Connections NPT ⁽⁴⁾	Dimensions in (mm)			Weight ⁽⁵⁾ lb (kg)	FHP Series Filters	
							H	W	D		1 Micron	0.0008 PPM Oil
RHP0013	13 (22)	1.2 (0.08)	500 (35)	1/6 (0.25)	1, 2, 4, 5	3/8" OD	14 (356)	16 (410)	15 (381)	57 (26)	FHP14C	FHP14F
RHP0020	20 (34)	2.4 (0.17)	500 (35)	1/5 (0.37)	1, 2, 4, 5	3/8" OD	14 (356)	16 (410)	15 (381)	65 (30)	FHP14C	FHP14F
RHP0050	50 (86)	1.8 (0.12)	500 (35)	1/4 (0.56)	1, 2, 4, 5	1/2"	17 (432)	22 (565)	16 (406)	104 (48)	FHP14C	FHP14F
RHP0093	93 (160)	0.9 (0.06)	500 (35)	1/2 (0.92)	1, 3, 4, 5	1"	23 (589)	32 (819)	20 (495)	206 (94)	FHP14C	FHP14F
RHP0064	64 (110)	0.2 (0.01)	900 (63)	1/2 (0.92)	1, 3, 4, 5	1"	23 (589)	32 (819)	20 (495)	186 (85)	FHP14C	FHP14F
RHP0178	178 (306)	0.8 (0.06)	500 (35)	3/4 (1.18)	1, 3, 4, 6	1 1/2"	23 (589)	32 (819)	20 (495)	235 (107)	FHP14C	FHP14F
RHP0100	100 (172)	0.5 (0.03)	900 (63)	3/4 (1.18)	1, 3, 4, 6	1"	23 (589)	32 (819)	20 (495)	208 (95)	FHP14C	FHP14F
RHP0300	300 (515)	4.1 (0.28)	725 (50)	1 (1.1)	7, 8, 9, 10, 11	1"	43 (1092)	38 (965)	32 (813)	370 (168)	FHP14C	FHP14F
RHP0500	500 (859)	5.8 (0.40)	725 (50)	1.5 (1.98)	7, 8, 9, 10, 11	1"	43 (1092)	38 (965)	32 (813)	380 (172)	FHP14C	FHP14F
RHP0750	750 (1288)	7.3 (0.50)	725 (50)	2 (2.35)	7, 8, 9, 10, 11	1 – 1 1/2"	43 (1092)	38 (965)	44 (1118)	465 (211)	FHP16C	FHP16F
RHP1000	1000 (1717)	11.8 (0.81)	725 (50)	3 (3.69)	7, 8, 9, 10, 11	1 – 1 1/2"	43 (1092)	38 (965)	44 (1118)	480 (218)	FHP16C	FHP16F
RHP1250	1250 (2146)	10.7 (0.74)	725 (50)	4 (5.34)	7, 8, 9, 10, 11	1 – 1 1/2"	43 (1092)	38 (965)	44 (1118)	590 (268)	FHP16C	FHP16F
RHP1750	1750 (3005)	9.5 (0.65)	725 (50)	6 (7.65)	7, 8, 9, 10, 11	3" or DN80	50 (1270)	48 (1219)	50 (1270)	1025 (465)	FHP20C	FHP20F
RHP2000	2000 (3434)	11.8 (0.81)	725 (50)	7.5 (9.81)	7, 8, 9, 10, 11	3" or DN80	60 (1524)	48 (1219)	50 (1270)	1300 (590)	FHP20C	FHP20F
RHP3000	3000 (5151)	11.8 (0.81)	725 (50)	10 (14.06)	7, 8, 9, 10, 11	3" or DN80	60 (1524)	48 (1219)	50 (1270)	1565 (710)	FHP20C	FHP20F
RHP3750	3750 (6439)	10.7 (0.74)	725 (50)	12 (16.47)	7, 8, 9, 10, 11	3" or DN80	60 (1524)	48 (1219)	50 (1270)	1585 (719)	FHP20C	FHP20F

Dimensions and weights are for reference only. Request certified drawings for construction purposes. **(1)** Flow and pressure drop at MWP (Maximum Working Pressure) and at 60 Hz, 100° F, 38° C inlet and 100° F, 38° C ambient temperature **(2)** Figures shown are condensing unit manufacturer's published ratings @ 35° F, 2° C evaporator and 100° F, 38° C ambient **(3)** 1. 115/1/60 2. 230/1/60 3. 208–230/1/60 4. 100/1/50 5. 220–240/1/50 6. 230/1/50 7. 208–230/3/60 8. 460/3/60 9. 200–220/3/50 10. 400/3/50 11. 575/3/60 **(4)** BSP available upon request. **(5)** Air-cooled models. Contact factory for water-cooled weights. **(6)** CSA certified models approved to 700 psig Maximum Working Pressure. CSA approved.