Capacity for flows based on 180° F, 82° C inlet (for typical applications where there is no aftercooler installed upstream)

Model Number	Flow Capacity SCF* @ 175 PSIG		Use With Air Compressor Size (HP)		Flow Capacity SCF* @ 150 PSIG		Use With Air Compressor Size (HP)		Flow Capacity SCF* @ 125 PSIG		Use With Air Compressor Size (HP)		Flow Capacity SCF* @ 100 PSIG		Use With Air Compressor Size (HP)	
	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz
RHT020	23	20	5	5	22	18	5	5	20	17	5	5	18	15	5	5
RHT025	29	24	7.5	7.5	27	23	7.5	7.5	25	21	7.5	5	23	19	5	5
RHT035	41	31	10	7.5	38	29	10	7.5	35	27	10	7.5	32	24	7.5	7.5
RHT050	58	58	15	15	54	54	15	15	50	50	15	10	45	45	10	10
RHT075	87	71	20	20	81	66	20	15	75	61	20	15	68	55	15	15
RHT100	116	97	25	25	108	90	25	20	100	83	25	20	91	76	20	15
RHT125	145	121	30	30	135	112	30	30	125	104	30	25	114	95	25	20

* Capacity @ 180° F, 82° C inlet temperature, 160° F, 71° C inlet pressure dew point, 95° F, 35° C ambient temperature, 50° F, 10° C outlet pressure dew point, and less than 5 psi, 0.35 kgf/cm2 pressure drop.

Capacity for flows based on 100° F, 38° C inlet (for typical applications where there is an aftercooler installed upstream)

Model Number	Flow Capacity SCF** @ 175 PSIG		Use With Air Compressor Size (HP)		Flow Capacity SCF** @ 150 PSIG		Use With Air Compressor Size (HP)		Flow Capacity SCF** @ 125 PSIG		Use With Air Compressor Size (HP)		Flow Capacity SCF** @ 100 PSIG		Use With Air Compressor Size (HP)	
	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz	60 Hz	50 Hz
RHT020	32	27	10	7.5	30	25	7.5	7.5	28	23	7.5	7.5	20	21	7.5	5
RHT025	40	33	10	10	37	31	10	7.5	34	29	10	7.5	31	26	7.5	7.5
RHT035	55	43	15	10	51	40	15	10	47	37	10	10	43	33	10	10
RHT050	78	78	20	20	73	73	20	20	67	67	15	15	61	61	15	15
RHT075	118	96	25	25	110	90	25	25	102	85	25	20	92	75	20	20
RHT100	157	131	30	30	146	122	30	30	136	113	30	25	123	102	25	20
RHT125	197	164	2 x 20	2 x 20	183	152	2 x 20	30	170	142	2 x 20	30	155	129	30	25

** Capacity @ 100° F, 38° C inlet temperature, 100° F, 38° C inlet pressure dew point, 100° F, 38° C ambient temperature, 50° F, 10° C outlet pressure dew point, and less than 10 psi, 0.7 kgf/cm2 pressure drop.

Specifications

Model Number	Voltage	Maximum Working Pressure	Maximum Inlet Temperature	Ambient Temperature Range	In/Out Connections NPT or BSP	Dimensions IN (MM) H	W	D	Weight LB (KG)
RHT020	115/1/60 or 220-240/1/50	250 PSIG 14 KG/CM²	180°F 82°C	35–110° F 2-43° C	1/2"	28 (718)	10 (257)	13 (327)	79 (36)
RHT025					1/2"	28 (718)	10 (257)	13 (327)	80 (36)
RHT035					1/2"	28 (718)	10 (257)	13 (327)	81 (37)
RHT050					3/4"	37 (933)	17 (429)	17 (429)	150 (68)
RHT075					3/4"	37 (933)	17 (429)	17 (429)	155 (70)
RHT100	230/1/60				1"	46 (1162)	17 (429)	17 (429)	187 (85)
RHT125					1"	46 (1162)	17 (429)	17 (429)	189 (86)

Calculate the Cost of Paint Rejects

Cost of Labor, Materials, & Through-Put Delays	Paint Rejects Per Week x Number of Weeks	Cost of Paint Rejects
$150 x	1 x 52	= $7,800
$150 x	2 x 52	= $15,600
$200 x	1 x 52	= $10,400
$200 x	2 x 52	= $20,800