



EH HEATED DESICCANT DRYER EH150 - EH8000

Industrial Technologies
Davidson, NC 28036

DATE: 12-Jul-13
CANCELS: All Previous

ENGINEERING DATA - 460/3/60 VOLT

	EH150	EH200	EH250	EH300	EH400	EH500
Inlet Capacity (scfm)	150	200	250	300	400	500
Purge (SCFM)	11	15	19	23	30	38
Desiccant per Tower (lbs)	118	172	199	235	302	374
Tower Diameter (inches)	10	12	14	14	16	16
Electrical	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60
MCA / MOP (amps)	3.5 / 5.0	5.1 / 6.0	5.1 / 6.0	5.1 / 6.0	7.5 / 8.0	7.5 / 8.0
Heater Rating (kw)	2	3	3	3	4.5	4.5
Average Heater kw	0.9	1.2	1.4	1.7	2.3	2.9
Air In/Out Connections (inches)	1" NPT	1 ½" NPT	1 ½" NPT	1 ½" NPT	2" NPT	2" NPT
Width (inches) ¹	44.5	48.5	52.5	52.5	56.5	56.5
Depth (inches) ¹	32	32	35	35	34	34
Height (inches) ¹	66	67	68	68	82	82
Shipping Weight (lbs) ¹	758	913	1119	1191	1539	1707

	EH600	EH800	EH1000	EH1200	EH1500	EH1800
Inlet Capacity (scfm)	600	800	1000	1200	1500	1800
Purge (SCFM)	45	60	75	90	113	135
Desiccant per Tower (lbs)	504	635	700	800	1100	1300
Tower Diameter (inches)	20	20	24	24	30	30
Electrical	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60
MCA / MOP (amps)	9.8 / 10.0	14.5 / 15.0	14.5 / 15.0	19.2 / 20.0	23.9 / 25.0	28.6 / 30.0
Heater Rating (kw)	6	9	9	12	15	18
Average Heater kw	3.5	4.6	5.8	6.9	8.7	10.4
Air In/Out Connections (inches)	3" NPT	3" NPT	3" NPT	3" NPT	3" NPT	4" FLG
Width (inches) ¹	64	64	78.5	78.5	84	84
Depth (inches) ¹	47	47	48	48	55	60
Height (inches) ¹	86	86	80	80	92	92
Shipping Weight (lbs) ¹	2369	2681	3043	3285	4480	4956

	EH2100	EH3000	EH4000	EH5000	EH6000	EH8000
Inlet Capacity (scfm)	2100	3000	4000	5000	6000	8000
Purge (SCFM)	158	225	300	375	450	600
Desiccant per Tower (lbs)	1464	2113	2569	3600	4320	5760
Tower Diameter (inches)	30	36	42	48	54	60
Electrical	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60
MCA / MOP (amps)	28.6 / 30.0	47.5 / 50.0	54.4 / 60.0	78.7 / 80.0	90.5 / 100.0	113.1 / 120.0
Heater Rating (kw)	18	30	36	50	60	75
Average Heater kw	12.1	17.4	23.1	28.9	34.7	46.3
Air In/Out Connections (inches)	4" FLG	4" FLG	6" FLG	6" FLG	6" FLG	8" FLG
Width (inches) ¹	84	96	102	120	132	156
Depth (inches) ¹	60	73	84	91	95	101
Height (inches) ¹	92	100	92	97	103	105
Shipping Weight (lbs) ¹	5350	3524	5812	6048	7056	9930

¹Dimensions and shipping weight on the EH1800 and larger are for the dryer only (filters ship loose). EH3000 and larger shipping weight does not include desiccant (shipped loose).

Capacity on all models is based on 100°F, 100 psig.

Maximum allowable inlet temperature is 120°F.

Maximum inlet pressure is 150 psig.

Safety valve setting is 165 psig.

NEMA cycle time is 8 hours. 3 hours of heating and 1 hour of cooling.



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DATE: 12-Jul-13
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ENGINEERING DATA - 575/3/60 VOLT

	EH150	EH200	EH250	EH300	EH400	EH500
Inlet Capacity (scfm)	150	200	250	300	400	500
Purge (SCFM)	11	15	19	23	30	38
Desiccant per Tower (lbs)	118	172	199	235	302	374
Tower Diameter (inches)	10	12	14	14	16	16
Electrical	575/3/60	575/3/60	575/3/60	575/3/60	575/3/60	575/3/60
MCA / MOP (amps)	CF	4.0 / 5.0	4.0 / 5.0	4.0 / 5.0	5.6 / 6.0	5.6 / 6.0
Heater Rating (kw)	2	3	3	3	4.5	4.5
Average Heater kw	0.9	1.2	1.4	1.7	2.3	2.9
Air In/Out Connections (inches)	1" NPT	1 ½" NPT	1 ½" NPT	1 ½" NPT	2" NPT	2" NPT
Width (inches) ¹	44.5	48.5	52.5	52.5	56.5	56.5
Depth (inches) ¹	32	32	35	35	34	34
Height (inches) ¹	66	67	68	68	82	82
Shipping Weight (lbs) ¹	758	913	1119	1191	1539	1707

	EH600	EH800	EH1000	EH1200	EH1500	EH1800
Inlet Capacity (scfm)	600	800	1000	1200	1500	1800
Purge (SCFM)	45	60	75	90	113	135
Desiccant per Tower (lbs)	504	635	700	800	1100	1300
Tower Diameter (inches)	20	20	24	24	30	30
Electrical	575/3/60	575/3/60	575/3/60	575/3/60	575/3/60	575/3/60
MCA / MOP (amps)	7.8 / 8.0	11.3 / 12.0	11.3 / 12.0	15.3 / 20.0	19.1 / 20.0	22.9 / 25.0
Heater Rating (kw)	6	9	9	12	15	18
Average Heater kw	3.5	4.6	5.8	6.9	8.7	10.4
Air In/Out Connections (inches)	3" NPT	3" NPT	3" NPT	3" NPT	3" NPT	4" FLG
Width (inches) ¹	64	64	78.5	78.5	84	84
Depth (inches) ¹	47	47	48	48	55	60
Height (inches) ¹	86	86	80	80	92	92
Shipping Weight (lbs) ¹	2369	2681	3043	3285	4480	4956

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Desiccant per Tower (lbs)	1464	2113	2569	3600	4320	5760
Tower Diameter (inches)	30	36	42	48	54	60
Electrical	575/3/60	575/3/60	575/3/60	575/3/60	575/3/60	575/3/60
MCA / MOP (amps)	CF	38.0 / 40.0	CF	CF	CF	CF
Heater Rating (kw)	18	30	36	50	60	75
Average Heater kw	12.1	17.4	23.1	28.9	34.7	46.3
Air In/Out Connections (inches)	4" FLG	4" FLG	6" FLG	6" FLG	6" FLG	8" FLG
Width (inches) ¹	84	96	102	120	132	156
Depth (inches) ¹	60	73	84	91	95	101
Height (inches) ¹	92	100	92	97	103	105
Shipping Weight (lbs) ¹	5350	3524	5812	6048	7056	9930

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