

Product Specifications

OPERATING CONDITIONS	MINIMUM	DESIGN	MAXIMUM
Regeneration Temperature	200°F / 93°C	Customer Specific	450°F / 232°C
Inlet Air Pressure	60 PSIG / 4 BAR	100 PSIG / 7 BAR	150 PSIG / 10 BAR
Ambient Air Temperature	40°F / 4°C	85°F / 29°C	120°F / 49°C
Ambient Relative Humidity	-	60%	-
Inlet Air Temperature (drying)	50°F / 10°C	95°F / 35°C	120°F / 49°C
Cooling Water Temperature	40°F / 4°C	85°F / 29°C	110°F / 43°C

MODEL	RATED FLOW (1)		DIMENSIONS						APPROXIMATE WEIGHT		INLET/OUTLET CONNECTIONS	COOLING WATER FLOW
	SCFM	NM ³ /HR	H		W		D		LB	KG	IN	GPM @ 85°F
			IN	MM	IN	MM	IN	MM				
DHC350	350	560	96	2438	54	1372	43	1092	1794	814	2 / 3" NPT	8.7
DHC450	450	720	96	2438	56	1422	43	1092	1794	814	2 / 3" NPT	11.0
DHC600	600	960	105	2667	63	1600	50	1270	2294	1041	3" FLG / 3" NPT	15.0
DHC800	800	1280	105	2667	63	1600	50	1270	2518	1142	3" FLG / 3" NPT	20.0
DHC1025	1025	1640	108	2743	65	1651	48	1219	2818	1278	3" FLG / 3" NPT	26.0
DHC1300	1300	2080	115	2921	71	1803	62	1575	3438	1559	4" FLG	32.0
DHC1500	1500	2400	114	2896	77	1956	62	1575	4038	1832	4" FLG	37.0
DHC1800	1800	2880	119	3023	79	2007	62	1575	4538	2058	4" FLG	45.0
DHC2100	2100	3360	114	2896	87	2210	62	1575	5572	2527	4" FLG	52.0
DHC2400	2400	3840	116	2946	89	2261	67	1702	6472	2936	4" FLG	60.0
DHC3250	3250	5200	134	3404	99	2515	68	1727	7878	3573	6" FLG	81.0
DHC3700	3700	5920	126	3200	98	2489	85	2159	9638	4372	6" FLG	92.0
DHC4425	4425	7080	Consult Factory									
DHC5000	5000	8000										
DHC6100	6100	9760										
DHC7500	7500	12000										
DHC8500	8500	13600										
DHC10000	10000	16000										

- Flow ratings based on 100 PSIG operating pressure, 85°F cooling water and 95°F air temperature into drying tower
- Shipping weight includes factory mounted 1.0 micron after-filter

Correction Factors

FLOW MULTIPLIER FOR DRYER SELECTION

INLET TEMPERATURE TO DRYING TOWER*	85° F (29° C)	90° F (32° C)	95° F (35° C)	100° F (38° C)	105° F (41° C)	110° F (43° C)	
PRESSURE PSIG (BAR)	60 (4)	1.2	1.4	1.7	2.0	2.3	2.8
	70 (5)	1.0	1.2	1.4	1.7	2.0	2.4
	80 (6)	0.9	1.1	1.3	1.5	1.7	2.1
	90 (6)		0.9	1.1	1.3	1.6	1.8
	100 (7)		0.8	1.0	1.2	1.4	1.7
	110 (8)			0.9	1.1	1.3	1.5
	120 (8)			0.8	1.0	1.2	1.4
	130 (9)				0.9	1.1	1.3
	140 (10)				0.8	1.0	1.2

* Inlet temperature to drying tower = cooling water temperature +10°F