

GBPD SPECIFICATIONS

MODEL	FLOW SCFM @ 100 PSIG	MAXIMUM PRESSURE PSIG	AVAILABLE VOLTAGES	IN/OUT CONNECTIONS NPT	DIMENSIONS INCHES			WEIGHT LBS	REPLACEMENT DESICCANT LBS
					HEIGHT	WIDTH	DEPTH		
GBPD100	100	150	230/3/60 460/3/60	1"	70	64	32	1060	150
GBPD125	125	150		1"	70	64	32	1086	200
GBPD175	175	150		1 1/2"	73	74	38	1260	300
GBPD250	250	150		1 1/2"	73	74	41	1650	400
GBPD350	350	150		1 1/2"	80	74	41	1830	550
GBPD500	500	150		2"	86	87	42	2250	750
GBPD650	650	150		2"	86	94	45	2530	1000
GBPD800	800	150		3"	89	98	45	3260	1200
GBPD1000	1000	150		3"	89	110	52	3580	1500
GBPD1250	1250	150		3"	92	110	55	4440	1900
GBPD1400	1400	150		3"	100	110	58	4870	2100
GBPD1600	1600	150		4" Flange	110	120	58	5940	2400
GBPD1800	1800	150		4" Flange	110	126	62	6560	2700
GBPD2000	2000	150		4" Flange	114	128	66	7255	2800
GBPD2250	2250	150		4" Flange	117	128	66	7775	3150
GBPD2500	2500	150		6" Flange	126	132	78	8400	3500
GBPD2750	2750	150		6" Flange	126	132	80	9125	3850
GBPD3000	3000	150		6" Flange	126	136	80	9640	4200
GBPD3500	3500	150		6" Flange	135	146	87	10720	4900
GBPD4000	4000	150		6" Flange	135	155	87	11525	5600

Capacity = SCFM @ 100°F inlet, 100°F ambient and 100 PSIG. Purge rates reflect 100% loaded systems and/or systems with Dewpoint Demand Control. Dimensions and specifications are subject to change without notice. Custom design configurations available.

NON-STANDARD CONDITION CAPACITY CORRECTION

	INLET TEMPERATURE °F	90			100			110			120		
		90	100	110	90	100	110	90	100	110	90	100	110
INLET AIR PRESSURE	70 psig	1.00	0.92	0.84	0.8	0.73	0.67	0.66	0.6	0.55	0.5	0.45	0.41
	80 psig	1.12	1.03	0.94	0.9	0.82	0.75	0.73	0.67	0.61	0.55	0.51	0.46
	90 psig	1.24	1.14	1.04	0.99	0.91	0.83	0.81	0.75	0.68	0.61	0.56	0.51
	100 psig	1.36	1.25	1.13	1.09	1.00	0.91	0.89	0.82	0.74	0.67	0.62	0.56
	110 psig	1.48	1.36	1.23	1.18	1.08	0.99	0.97	0.89	0.81	0.73	0.67	0.61
	120 psig	1.6	1.46	1.33	1.28	1.17	1.06	1.04	0.96	0.87	0.79	0.72	0.66
	130 psig	1.72	1.57	1.43	1.37	1.26	1.14	1.12	1.03	0.94	0.85	0.78	0.71
	140 psig	1.83	1.68	1.53	1.47	1.35	1.22	1.2	1.10	1.00	0.91	0.83	0.76
	150 psig	1.95	1.79	1.63	1.56	1.43	1.3	1.28	1.17	1.07	0.97	0.89	0.81

To obtain flow capacities at conditions other than standard (SCFM @ 100 PSIG, 100°F Inlet & 100°F Ambient), locate the multiplier at the interception of actual operating conditions. Multiply the rated capacity of the selected dryer by the selected multiplier. The result is the corrected flow capacity of that dryer under corrected conditions. Flow rates in excess of design due to capacity correction can result in increased pressure drop.