

# Maximize Energy Savings with Gardner Denver



## GTRC SERIES SPECIFICATIONS

MODEL	FLOWS SCFM @ 100 PSIG		MAXIMUM PRESSURE PSIG	AVAILABLE VOLTAGES	IN/OUT CONNECTIONS NPT	DIMENSIONS INCHES			WEIGHT (LBS)
	35° F PDP	50° F PDP				HEIGHT	WIDTH	DEPTH	
GTRC100	100	120	230	120/1/60 208-230/1/60	1"	34	26	33	320
GTRC125	125	150		208-230/1/60 208-230/3/60 460/3/60	1"	34	26	33	350
GTRC180	180	216			1 ½"	46	33	30	500
GTRC225	225	270		1 ½"	46	33	30	525	
GTRC300	300	360		208-230/3/60 460/3/60	1 ½"	46	33	45	750
GTRC400	400	480		208-230/3/60 460/3/60 575/3/60	2"	46	33	45	880
GTRC500	500	600			2"	46	33	45	920
GTRC600	600	720			2"	46	33	45	950
GTRC800	800	960			3"	60	35	56	1525
GTRC1000	1000	1200			3"	60	35	56	1780
GTRC1350	1350	1620	3"		65	42	67	3200	
GTRC1800	1800	2160	4" Flange		75	57	74	3800	
GTRC2000	2000	2400	4" Flange		75	57	74	4050	
GTRC2250	2250	2700	4" Flange		75	57	74	4375	
			150						

Capacity reflects 100° F/100 PSIG inlet condition and 100° F ambient. Dimensions and specifications are subject to change without notice.

## 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.