

G-Rating Sizing Charts

DMD ROOTS

DRESSER

ROOTS® Meter Sizing Chart

LINE MOUNTED

MODEL		G16	G25	G40	G65	G100	G160	G250	G400	G650	G1000		
BASE RATING (m3/h)		25	40	65	100	160	250	400	650	1000	1000		
METER OPERATING PRESSURE													
Bar	kPa	kg/cm2	PSIG										
0.07	6.9	0.07	1	26.1	41.8	67.9	104.5	167.2	270.7	418.0	679.3	1045	1672
0.21	20.7	0.21	3	29.5	47.2	76.8	118.1	189.0	305.9	472.4	767.7	1181.0	1889.6
0.34	34.5	0.35	5	32.9	52.7	85.6	131.7	210.7	329.3	526.8	850.5	1317.0	2107.2
0.69	69.0	0.70	10	41.4	66.2	107.6	165.6	265.0	414.0	662.4	1076.4	1656.0	2649.6
1	100	1.02	14.5	48.9	78.2	127.1	195.5	312.8	488.8	782.0	1270.8	1955	3128
1.5	150	1.53	22	61.5	98.4	159.8	245.9	393.5	614.8	983.7	1598.5	2459.2	3934.7
2	200	2.04	29	73.7	117.8	191.5	294.6	471.4	736.5	1178.4	1914.9	2946	4713.6
3	300	3.06	44	98.5	157.6	256.0	393.9	630.2	984.7	1575.5	2560.2	3938.8	6302.0
4	400	4.08	58	122.9	196.6	319.5	491.5	786.4	1228.8	1966.0	3194.8	4915	7864
5	500	5.10	73	147.8	236.5	384.3	591.2	945.9	1477.9	2364.6	3842.5	5911.6	9458.5
6	600	6.12	87	172.1	275.4	447.5	688.4	1101.4	1721.0	2753.6	4474.6	6884.0	11014.4
7	700	7.14	102	197.1	315.4	512.5	788.4	1261.5	1971.1	3153.7	5124.8	7884.4	12615.0
8	800	8.16	116	221.3	354.1	575.4	885.3	1416.5	2213.3	3541.2	5754.5	8853	14164.8
9	900	9.18	131	246.4	394.3	640.7	985.7	1577.1	2464.3	3942.9	6407.1	9857.1	15771.4
10	1000	10.20	145	270.5	432.8	703.4	1082.1	1731.4	2705.3	4328.4	7033.7	10821	17313.6
11	1100	11.21	160	295.7	473.2	768.9	1183.0	1892.8	2957.5	4732.0	7689.5	11829.9	18927.9
12	1200	12.30	175	321.5	514.4	836	1286	2057.6	3215.0	5144	8359	12860	20576
13.8	1380	14.06	200	363.75	582								

ROOTS® HIGH PRESSURE METERS

MODEL		G16-300	G16-740	G16-1480	G65-300	G65-740	G65-1480	G65-600
BASE RATING (m3/h)		25	25	25	100	100	100	100
METER OPERATING PRESSURE		CORRECTED CAPACITY AT METERING PRESSURE - IN N m3/H						
Bar	kPa	kg/cm2	PSIG					
8.6	862	8.8	125	237	237	946	946	946
10.3	1034	10.5	150	279	279	1116	1116	1116
12.1	1207	12.3	175	322	322	1286	1286	1286
13.8	1379	14.1	200	364	364	1455	1455	1455
17.2	1724	17.6	250	449	449	1795	1795	1795
20.7	2068	21.1	300	534	534	2134	2134	2134
24.1	2413	24.6	350	619	619	2474	2474	2474
27.6	2758	28.1	400	703	703	2813	2813	2813
34.5	3447	35.2	500	873	873	3492	3492	3492
41.4	4137	42.2	600	1043	1043	4171	4171	4171
48.3	4826	49.2	700	1213	1213	4850	4850	4850
51.0	5102	52.0	740	1281	1281	5122	5122	5122
55.2	5516	56.2	800	1382	1382	5529	5529	5529
62.1	6205	63.3	900	1552	1552	6208	6208	6208
69.0	6895	70.3	1000	1722	1722	6887	6887	6887
82.8	8274	84.4	1200	2061	2061	8244	8244	8244
99.3	9929	101.2	1440	2469	2469	9874	9874	9874
102.1	10204	104.1	1480	2537	2537	10146	10146	10146

POWER EQUIPMENT CO.

Manufacturers Representative

2011 Williamsburg Rd. • Richmond, VA 23231

(804) 236-3800 • FAX (804) 236-3882

www.peconet.com