

### Pressure

MPa	kgf/cm <sup>2</sup> (bar)	psig
0.30	3.0	42.7
0.28	2.8	39.8
0.25	2.5	35.6
0.20	2.0	28.5
0.18	1.8	25.6
0.15	1.5	21.3
0.12	1.2	17.1
<b>0.10</b>	<b>1.0</b>	<b>14.2</b>
0.08	0.8	11.4
0.07	0.7	9.96
0.05	0.5	7.11
0.045	0.45	6.40
0.04	0.4	5.69
0.035	0.35	4.98
0.034	0.34	4.84
0.03	0.3	4.27
0.02	0.2	2.84
0.018	0.18	2.56
0.015	0.15	2.13
0.011	0.11	1.56
0.01	0.1	1.42
<b>0.007</b>	<b>0.07</b>	<b>1.00</b>
0.005	0.05	0.71
* 0	0	0

### Flow Rate

CFM	LPM	CFM	LPM
<b>0.035</b>	<b>1.00</b>	2.12	60.0
0.070	2.00	2.25	63.7
0.100	2.83	2.47	70.0
0.105	3.00	2.50	70.8
0.177	5.00	2.65	75.0
0.250	7.08	2.75	77.9
0.353	10.0	2.83	80.0
0.500	14.2	3.00	85.0
0.530	15.0	3.18	90.0
0.708	20.0	3.25	92.0
0.750	21.2	3.50	99.1
0.883	25.0	3.53	100
<b>1.00</b>	<b>28.32</b>	3.75	106
1.06	30.0	3.89	110
1.24	35.0	4.00	113
1.25	35.4	4.24	120
1.41	40.0	4.50	127
1.50	42.5	5.00	142
1.59	45.0	5.30	150
1.75	49.6	6.00	170
1.77	50.0	7.00	198
2.00	56.6	7.06	200

### Vacuum

kPa	mmHg	mbar	in.Hg
* 0	0	0	0
-13.3	-100	-133	-3.94
-26.7	-200	-267	-7.87
-33.3	-250	-333	-9.84
-44.0	-330	-440	-13.0
-45.3	-340	-453	-13.4
-46.7	-350	-467	-13.8
-53.3	-400	-533	-15.7
-60.0	-450	-600	-17.7
-66.7	-500	-667	-19.7
-73.3	-550	-733	-21.7
-80.0	-600	-800	-23.6
-93.3	-700	-933	-27.6
-100	-750	-1000	-29.5
** -101.3	-760	-1013	-29.9

### Pressure

to \ from	MPa	kgf/cm <sup>2</sup>	bar	psig
MPa	1	10	10	142
kgf/cm <sup>2</sup>	0.1	1	1	14.2
bar	0.1	1	1	14.2
psig	0.007	0.07	0.07	1

### Vacuum

to \ from	kPa	mmHg	in.Hg	mbar
kPa	-1	-7.50	-0.295	-10
mmHg	-0.133	-1	-0.0394	-1.335
in. Hg	-3.39	-25.4	-1	-33.92
mbar	-0.1	-0.75	-0.0295	-1

\* Gauge pressure  
 \*\* Absolute vacuum