

CONVERSION OF PRESSURE UNITS

see also www.trafag.com ,Unit Calculator'

Einheit Unité Unit	bar	mbar	Pa N/m ²	kPa kN/m ²	MPa MN/m ²	at kp/cm ²	atm	mmWS mmCE	mWS mCE	Torr mm Hg	psi lbf/in ²
1 bar	1	1000	10 ⁵	100	0.1	1.02	0.987	1.02·10 ⁴	10.2	750	14.5
1 mbar	0.001	1	100	0.1	10 ⁻⁴	1.02·10 ⁻³	0.987·10 ⁻³	10.2	0.0102	0.75	0.0145
1 Pa 1 N/m ²	10 ⁻⁵	0.01	1	0.001	10 ⁻⁶	1.02·10 ⁻⁵	0.987·10 ⁻⁵	0.102	1.02·10 ⁻⁴	0.0075	1.45·10 ⁻⁴
1 kPa 1 kN/m ²	0.01	10	1000	1	0.001	0.0102	9.87·10 ⁻³	102	0.102	7.5	0.145
1 MPa 1 MN/m ²	10	10 ⁴	10 ⁶	1000	1	10.2	9.87	1.02·10 ⁵	102	7500	145
1 at 1 kp/cm ²	0.981	981	0.981·10 ⁵	98.1	0.0981	1	0.968	10 ⁴	10	736	14.22
1 atm	1.013	1013	1.013·10 ⁵	101.3	0.1013	1.033	1	1.033·10 ⁴	10.332	760	14.696
1 mmWS 1 mmCE	0.981·10 ⁻⁴	0.098	9.807	9.81·10 ⁻³	9.81·10 ⁻⁶	10 ⁻⁴	0.968·10 ⁻⁴	1	0.001	0.0736	1.422·10 ⁻³
1 mWS 1 mCE	0.0981	98.07	9807	9.81	9.81·10 ⁻³	0.1	0.0968	1000	1	73.6	1.422
1 Torr 1 mmHg	1.333·10 ⁻³	1.333	133.323	0.133	1.333·10 ⁻⁴	1.36·10 ⁻³	1.316·10 ⁻³	13.595	1,359·10 ⁻²	1	1.934·10 ⁻²
1 psi 1 lbf/in ²	6.895·10 ⁻²	68.95	6895	6.895	6.895·10 ⁻³	7.031·10 ⁻²	0.06805	703.1	0.7031	51.7	1

CONVERSION OF TEMPERATURE UNITS

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[°F] to [°C]				[°C] to [°F]			
Formel/ Formule/ Form: °C = 5/9*(°F-32)				Formel/ Formule/ Form: °F = 9/5*°C+32			
°F	°C	°F	°C	°C	°F	°C	°F
-100	-73.3	105	40.6	315	157.2	-100	-148
-95	-70.6	110	43.3	320	160.0	-95	-139
-90	-67.8	115	46.1	325	162.8	-90	-130
-85	-65.0	120	48.9	330	165.6	-85	-121
-80	-62.2	125	51.7	335	168.3	-80	-112
-75	-59.4	130	54.4	340	171.1	-75	-103
-70	-56.7	135	57.2	345	173.9	-70	-94
-65	-53.9	140	60.0	350	176.7	-65	-85
-60	-51.1	145	62.8	355	179.4	-60	-76
-55	-48.3	150	65.6	360	182.2	-55	-67
-50	-45.6	155	68.3	365	185.0	-50	-58
-45	-42.8	160	71.1	370	187.8	-45	-49
-40	-40.0	165	73.9	375	190.6	-40	-40
-35	-37.2	170	76.7	380	193.3	-35	-31
-30	-34.4	175	79.4	385	196.1	-30	-22
-25	-31.7	180	82.2	390	198.9	-25	-13
-20	-28.9	185	85.0	395	201.7	-20	-4
-15	-26.1	190	87.8	400	204.4	-15	5
-10	-23.3	195	90.6	405	207.2	-10	14
-5	-20.6	200	93.3	410	210.0	-5	23
0	-17.8	205	96.1	415	212.8	0	32
5	-15.0	210	98.9	420	215.6	5	41
10	-12.2	215	101.7	425	218.3	10	50
15	-9.4	220	104.4	430	221.1	15	59
20	-6.7	225	107.2	435	223.9	20	68
25	-3.9	230	110.0	440	226.7	25	77
30	-1.1	235	112.8	445	229.4	30	86
32	0.0	240	115.6	450	232.2	32	89.6
35	1.7	245	118.3	455	235.0	35	95
40	4.4	250	121.1	460	237.8	40	104
45	7.2	255	123.9	465	240.6	45	113
50	10.0	260	126.7	470	243.3	50	122
55	12.8	265	129.4	475	246.1	55	131
60	15.6	270	132.2	480	248.9	60	140
65	18.3	275	135.0	485	251.7	65	149
70	21.1	280	137.8	490	254.4	70	158
75	23.9	285	140.6	495	257.2	75	167
80	26.7	290	143.3	500	260.0	80	176
85	29.4	295	146.1	505	262.8	85	185
90	32.2	300	148.9	510	265.6	90	194
95	35.0	305	151.7	515	268.3	95	203
100	37.8	310	154.4	520	271.1	100	212

Delivery time | Lieferfrist | Délai de livraison

- Limited quantity from stock | Kleinmengen ab Lager | Quantité limitée en stock
- Approx. 2 weeks | Ca. 2 Wochen | Env. 2 semaines

Find your local distributor at the end of the catalogue

Online-download of data sheet & instruction:
www.trafag.com/download