



### FLOW CAPACITY TABLE IWC/PSIG - Capacity m<sup>3</sup>/h

Pressure Drop		Inlet Pressure (iwc)		Inlet Pressure (psi)					
psi	iwc	8" iwc	14" iwc	3	5	7	10	20	60
0.0036	0.1	3,81	3,84	4,12	4,34	4,56	4,87	5,77	8,48
0.0072	0.2	5,38	5,40	5,82	6,16	6,47	6,89	8,18	11,98
0.0108	0.3	6,58	6,61	7,14	7,53	7,90	8,43	10,00	14,67
0.0144	0.4	7,59	7,64	8,26	8,71	9,13	9,74	11,54	16,94
0.018	0.5	8,48	8,54	9,21	9,72	10,22	10,89	12,91	18,96
0.0216	0.6	9,30	9,35	10,11	10,67	11,17	11,93	14,14	20,75
0.0252	0.7	10,02	10,11	10,92	11,51	12,07	12,88	15,29	22,43
0.0288	0.8	10,72	10,81	11,65	12,29	12,91	13,78	16,32	23,97
0.0324	0.9	11,37	11,45	12,38	13,05	13,69	14,62	17,33	25,42
0.036	1.0	11,98	12,07	13,02	13,75	14,42	15,40	18,26	26,80
0.072	2.0	16,94	17,05	18,42	19,43	20,38	21,76	25,82	37,88
0.108	3.0	20,72	20,86	22,51	23,77	24,95	26,63	31,58	46,40
0.144	4.0	23,88	24,08	25,98	27,41	28,78	30,74	36,46	53,54
0.18	5.0	26,68	26,88	29,01	30,63	32,17	34,33	40,74	59,86

### FLOW CAPACITY TABLE IWC/PSIG - Capacity kW

Pressure Drop		Inlet Pressure (iwc)		Inlet Pressure (psi)					
psi	iwc	8" iwc	14" iwc	3	5	7	10	20	60
0.0036	0.1	40,17	40,51	43,42	45,79	48,11	51,38	60,87	89,46
0.0072	0.2	56,72	56,97	61,44	64,99	68,26	72,69	86,30	126,39
0.0108	0.3	69,42	69,74	75,33	79,44	83,35	88,94	105,50	154,77
0.0144	0.4	80,07	80,60	87,14	91,89	96,32	102,76	121,75	178,72
0.018	0.5	89,46	90,10	97,17	102,55	107,82	114,89	136,20	200,03
0.0216	0.6	98,12	98,64	106,66	112,57	117,84	125,86	149,18	218,91
0.0252	0.7	105,71	106,64	115,21	121,43	127,34	135,88	161,31	236,64
0.0288	0.8	113,10	114,05	122,91	129,66	136,20	145,38	172,18	252,88
0.0324	0.9	119,95	120,80	130,61	137,68	144,43	154,24	182,83	268,18
0.036	1.0	126,39	127,34	137,36	145,06	152,13	162,47	192,64	282,74
0.072	2.0	178,72	179,88	194,33	204,99	215,01	229,57	272,40	399,63
0.108	3.0	218,60	220,07	237,48	250,77	263,22	280,95	333,17	489,52
0.144	4.0	251,93	254,04	274,09	289,18	303,63	324,31	384,65	564,85
0.18	5.0	281,47	283,58	306,06	323,15	339,39	362,18	429,81	631,52

#### CERTIFICATES

TUV Austria CE Attestation of Conformity Certificate (ASCE 25-16 and TS 12884)

#### APPLICATION

Gasses : Natural Gas, LPG, methane, propane, air, etc... non corrosive gaseous fluids.

#### INFORMATION

Experiments were carried out with air. Calculations based on gas with a density of 0.64 and a calorific value of 37 MJ/m<sup>3</sup>. The measured flow value is arranged according to 15 °C and 101.3 kPa pressure.

