

Tableau des débits

Flow capacities

TYPE 1216 fileté/threaded

- AIR (kg/h et Nm³/h)**
- Vapeur Saturée / Saturated steam (kg/h)**
- Eau / Water (kg/h)**

Modèle 1216

Débit AIR / AIR Capacity (kg/h)

P de tarage Set Press (bar eff. barg)	Orifice (mm)										
	6	9	13	14	15	16	18	20	22	28	32
0,2	16	37	76	89	102	116	146	181	219	354	462
0,5	21	46	97	112	129	147	186	229	277	449	586
1	28	63	131	152	174	198	251	310	375	607	793
2	42	95	199	231	265	301	381	471	570	923	1.205
3	57	128	267	310	355	404	512	632	765	1.239	1.618
4	71	161	335	389	446	508	642	793	960	1.555	2.030
5	86	193	403	468	537	611	773	954	1.155	1.870	2.443
6	100	226	471	547	627	714	904	1.115	1.350	2.186	2.856
7	115	259	539	626	718	817	1.034	1.277	1.545	2.502	3.268
8	129	291	607	705	809	920	1.165	1.438	1.740	2.818	3.681
9	144	324	676	784	899	1.023	1.295	1.599	1.935	3.134	4.093
10	158	356	744	862	990	1.127	1.426	1.760	2.130	3.450	4.506
11	173	389	812	941	1.081	1.230	1.556	1.921	2.325	3.766	4.919
12	187	422	880	1.020	1.171	1.333	1.687	2.083	2.520	4.082	5.331
13	202	454	948	1.099	1.262	1.436	1.817	2.244	2.715	4.398	5.744
14	216	487	1.016	1.178	1.353	1.539	1.948	2.405	2.910	4.714	6.157
15	231	520	1.084	1.257	1.443	1.642	2.079	2.566	3.105	5.029	6.569
16	245	552	1.152	1.336	1.534	1.745	2.209	2.727	3.300	5.345	6.982
17	260	585	1.220	1.415	1.625	1.849	2.340	2.888	3.495	5.661	7.394
18	274	618	1.288	1.494	1.715	1.952	2.470	3.050	3.690	5.977	7.807
19	289	650	1.357	1.573	1.806	2.055	2.601	3.211	3.885	6.293	8.220
20	303	683	1.425	1.652	1.897	2.158	2.731	3.372	4.080	6.609	8.632
22	332	748	1.561	1.810	2.078	2.364	2.992	3.694	4.470	7.241	9.457
24	361	813	1.697	1.968	2.259	2.571	3.253	4.017	4.860	7.873	10.283
26	391	879	1.833	2.126	2.441	2.777	3.515	4.339	5.250	8.504	11.108
28	420	944	1.969	2.284	2.622	2.983	3.776	4.661	5.640	9.136	11.933
30	449	1.009	2.106	2.442	2.803	3.190	4.037	4.984	6.030	9.768	12.758
32	478	1.074	2.242	2.600	2.985	3.396	4.298	5.306	6.420	10.400	13.584
34	507	1.140	2.378	2.758	3.166	3.602	4.559	5.628	6.810	11.032	14.409
36	536	1.205	2.514	2.916	3.347	3.808	4.820	5.951	7.200	11.664	15.234
38	565	1.270	2.650	3.074	3.529	4.015	5.081	6.273	7.590	12.295	16.059
40	594	1.336	2.787	3.232	3.710	4.221	5.342	6.595	7.981	12.927	16.884
50	739	1.662				5.253	6.648	8.207	9.931		
60	884	1.988				6.284	7.953	9.819	11.881		
70	1.029	2.315				7.316	9.259	11.431	13.831		
80	1.174	2.641				8.347	10.564	13.043	15.781		
90	1.319	2.967				9.379	11.870	14.654	17.732		
100	1.464	3.294				10.410	13.175	16.266	19.682		
120	1.754	3.947									
140	2.044	4.599									
160	2.334	5.252									
180	2.624	5.905									
200	2.915	6.558									
220	3.205	7.210									
240	3.495	7.863									
260	3.785	8.516									
280	4.075	9.169									
300	4.365	9.822									

Flow capacity / Débit d'air (kg/h)

Overpressure / Surpression 10%

Temperature / Température 20° C

Calculation according / Calcul suivant ISO EN 4126-1 / API 520

Modèle 1216

Débit AIR / AIR Capacity (Nm³/h)

P de tarage Set Press (bar eff. barg)	Orifice (mm)										
	6	9	13	14	15	16	18	20	22	28	32
0,2	13	28	59	69	79	90	113	140	169	274	359
0,5	16	36	75	87	100	114	144	178	215	348	454
1	22	49	101	118	135	154	194	240	290	470	614
2	33	74	154	179	205	234	296	365	442	715	934
3	44	99	207	240	276	314	397	490	593	960	1.254
4	55	125	260	301	346	393	498	615	744	1.205	1.574
5	67	150	313	362	416	473	599	740	895	1.450	1.894
6	78	175	365	424	486	553	700	865	1.046	1.695	2.214
7	89	200	418	485	557	633	802	990	1.197	1.940	2.534
8	100	226	471	546	627	713	903	1.115	1.349	2.185	2.853
9	112	251	524	607	697	793	1.004	1.240	1.500	2.430	3.173
10	123	276	576	669	768	873	1.105	1.364	1.651	2.674	3.493
11	134	302	629	730	838	953	1.206	1.489	1.802	2.919	3.813
12	145	327	682	791	908	1.033	1.308	1.614	1.953	3.164	4.133
13	157	352	735	852	978	1.113	1.409	1.739	2.105	3.409	4.453
14	168	378	788	913	1.049	1.193	1.510	1.864	2.256	3.654	4.773
15	179	403	840	975	1.119	1.273	1.611	1.989	2.407	3.899	5.092
16	190	428	893	1.036	1.189	1.353	1.712	2.114	2.558	4.144	5.412
17	202	453	946	1.097	1.259	1.433	1.814	2.239	2.709	4.389	5.732
18	213	479	999	1.158	1.330	1.513	1.915	2.364	2.860	4.633	6.052
19	224	504	1.052	1.220	1.400	1.593	2.016	2.489	3.012	4.878	6.372
20	235	529	1.104	1.281	1.470	1.673	2.117	2.614	3.163	5.123	6.692
22	258	580	1.210	1.403	1.611	1.833	2.320	2.864	3.465	5.613	7.331
24	280	631	1.316	1.526	1.751	1.993	2.522	3.114	3.768	6.103	7.971
26	303	681	1.421	1.648	1.892	2.153	2.724	3.364	4.070	6.593	8.611
28	325	732	1.527	1.771	2.033	2.313	2.927	3.613	4.372	7.082	9.250
30	348	782	1.632	1.893	2.173	2.473	3.129	3.863	4.675	7.572	9.890
32	370	833	1.738	2.015	2.314	2.632	3.332	4.113	4.977	8.062	10.530
34	393	884	1.843	2.138	2.454	2.792	3.534	4.363	5.279	8.552	11.170
36	415	934	1.949	2.260	2.595	2.952	3.737	4.613	5.582	9.041	11.809
38	438	985	2.055	2.383	2.735	3.112	3.939	4.863	5.884	9.531	12.449
40	460	1.035	2.160	2.505	2.876	3.272	4.141	5.113	6.186	10.021	13.089
50	573	1.288				4.072	5.153	6.362	7.698		
60	685	1.541				4.871	6.165	7.612	9.210		
70	797	1.794				5.671	7.177	8.861	10.722		
80	910	2.047				6.471	8.189	10.110	12.234		
90	1.022	2.300				7.270	9.202	11.360	13.745		
100	1.135	2.553				8.070	10.214	12.609	15.257		
120	1.360	3.059									
140	1.585	3.565									
160	1.810	4.071									
180	2.034	4.577									
200	2.259	5.083									
220	2.484	5.589									
240	2.709	6.096									
260	2.934	6.602									
280	3.159	7.108									
300	3.384	7.614									

Flow capacity / Débit d'air (kg/h)

Overpressure / Surpression 10%

Temperature / Température 0° C

Calculation according / Calcul suivant ISO EN 4126-1 / API 520

Modèle 1216

Débit d'eau / Capacity WATER (kg/h)

P de tarage Set Press (bar eff. barg)	Orifice(mm)										
	6	9	13	14	15	16	18	20	22	28	32
0,2	324	729	1.521	1.765	2.026	2.305	2.917	3.601	4.357	7.058	9.219
0,5	512	1.153	2.406	2.790	3.203	3.644	4.612	5.694	6.890	11.160	14.576
1	725	1.631	3.402	3.946	4.529	5.154	6.522	8.052	9.743	15.783	20.614
2	1.025	2.306	4.811	5.580	6.406	7.288	9.224	11.388	13.779	22.320	29.153
3	1.255	2.824	5.893	6.834	7.845	8.926	11.297	13.947	16.876	27.336	35.705
4	1.449	3.261	6.804	7.891	9.059	10.307	13.045	16.105	19.487	31.565	41.228
5	1.621	3.646	7.607	8.823	10.128	11.524	14.585	18.006	21.787	35.291	46.095
6	1.775	3.994	8.334	9.665	11.095	12.624	15.977	19.724	23.866	38.660	50.494
7	1.917	4.314	9.001	10.439	11.984	13.635	17.257	21.305	25.779	41.757	54.540
8	2.050	4.612	9.623	11.160	12.811	14.576	18.448	22.776	27.559	44.640	58.306
9	2.174	4.892	10.206	11.837	13.588	15.461	19.567	24.157	29.230	47.348	61.842
10	2.292	5.156	10.759	12.477	14.323	16.297	20.626	25.464	30.811	49.909	65.188
11	2.404	5.408	11.284	13.086	15.023	17.092	21.633	26.707	32.315	52.345	68.369
12	2.510	5.649	11.785	13.668	15.691	17.852	22.594	27.894	33.752	54.673	71.410
13	2.613	5.879	12.267	14.226	16.331	18.581	23.517	29.033	35.130	56.905	74.325
14	2.712	6.101	12.730	14.763	16.948	19.283	24.405	30.129	36.456	59.054	77.131
15	2.807	6.315	13.176	15.282	17.543	19.960	25.261	31.187	37.736	61.126	79.838
16	2.899	6.522	13.609	15.783	18.118	20.614	26.090	32.210	38.974	63.131	82.457
17	2.988	6.723	14.027	16.268	18.676	21.249	26.893	33.201	40.173	65.074	84.994
18	3.075	6.918	14.434	16.740	19.217	21.865	27.672	34.163	41.338	66.960	87.458
19	3.159	7.108	14.830	17.199	19.744	22.464	28.431	35.100	42.471	68.795	89.855
20	3.241	7.292	15.215	17.646	20.256	23.047	29.169	36.011	43.574	70.582	92.189
22	3.399	7.648	15.957	18.507	21.245	24.172	30.593	37.769	45.701	74.027	96.689
24	3.550	7.988	16.667	19.330	22.190	25.247	31.953	39.449	47.733	77.319	100.988
26	3.695	8.315	17.348	20.119	23.096	26.278	33.258	41.059	49.682	80.476	105.112
28	3.835	8.628	18.002	20.879	23.968	27.270	34.514	42.609	51.557	83.514	109.080
30	3.969	8.931	18.634	21.611	24.809	28.227	35.725	44.105	53.367	86.445	112.908
32	4.100	9.224	19.245	22.320	25.623	29.153	36.897	45.551	55.117	89.281	116.611
34	4.226	9.508	19.838	23.007	26.411	30.050	38.032	46.953	56.813	92.028	120.200
36	4.348	9.784	20.413	23.674	27.177	30.921	39.135	48.314	58.460	94.696	123.685
38	4.467	10.052	20.972	24.323	27.922	31.769	40.207	49.638	60.062	97.291	127.074
40	4.584	10.313	21.517	24.955	28.647	32.594	41.252	50.928	61.623	99.819	130.375
50	5.125	11.530				36.441	46.121	56.939	68.896		
60	5.614	12.631				39.919	50.523	62.374	75.472		
70	6.063	13.643				43.118	54.571	67.371	81.519		
80	6.482	14.585				46.095	58.339	72.023	87.148		
90	6.875	15.469				48.891	61.877	76.392	92.434		
100	7.247	16.306				51.535	65.224	80.524	97.434		
120	7.939	17.862									
140	8.575	19.294									
160	9.167	20.626									
180	9.723	21.877									
200	10.249	23.060									
220	10.749	24.186									
240	11.227	25.261									
260	11.686	26.293									
280	12.127	27.285									
300	12.552	28.243									

Flow capacity / Débit (kg/h)

Overpressure / Surpression 10%

Calculation according / Calcul suivant ISO EN 4126-1 / API 520