

Tableau des débits

Flow capacities

TYPE 1400 à brides / flanges

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

Modèle 1400

Débit d'AIR / Capacity AIR (kg/h)

		Flanges / Brides EN-1092-1											
		15 x 25	20 x 25	25 x 40	32 x 50	40 x 65	50 x 80	65x100	80x125	100x150	125x200	150x250	200x300
P de tarage Set Press	Orifice (mm)												
	13	16	23,8	29,5	36	46	60	72	90	105	125	153	
(bar eff. barg)	Area / Aire (mm ²)												
	133	201	445	683	1.018	1.662	2.827	4.072	6.362	8.659	12.272	18.385	
0,2	125	189	298	457	681	1.112	1.892	2.725	4.257	5.794	8.212	12.303	
0,5	158	240	377	580	863	1.410	2.398	3.454	5.396	7.345	10.410	15.596	
1	214	324	510	784	1.167	1.906	3.242	4.669	7.295	9.930	14.073	21.084	
2	325	493	776	1.192	1.775	2.898	4.930	7.100	11.093	15.099	21.399	32.060	
3	437	662	1.041	1.600	2.383	3.890	6.618	9.530	14.891	20.269	28.725	43.036	
4	548	831	1.307	2.008	2.990	4.882	8.306	11.961	18.689	25.438	36.052	54.011	
5	660	999	1.573	2.416	3.598	5.874	9.994	14.392	22.487	30.607	43.378	64.987	
6	771	1.168	1.838	2.824	4.206	6.867	11.682	16.822	26.285	35.777	50.704	75.963	
7	883	1.337	2.104	3.232	4.813	7.859	13.370	19.253	30.083	40.946	58.030	86.939	
8	994	1.506	2.369	3.640	5.421	8.851	15.058	21.684	33.881	46.115	65.356	97.915	
9	1.105	1.675	2.635	4.048	6.029	9.843	16.746	24.114	37.679	51.285	72.682	108.891	
10	1.217	1.843	2.900	4.456	6.636	10.835	18.434	26.545	41.476	56.454	80.009	119.867	
11	1.328	2.012	3.166	4.864	7.244	11.827	20.122	28.976	45.274	61.623	87.335	130.843	
12	1.440	2.181	3.432	5.272	7.852	12.819	21.810	31.406	49.072	66.793	94.661	141.819	
13	1.551	2.350	3.697	5.680	8.459	13.812	23.498	33.837	52.870	71.962	101.987	152.795	
14	1.663	2.519	3.963	6.088	9.067	14.804	25.186	36.268	56.668	77.132	109.313	163.771	
15	1.774	2.687	4.228	6.496	9.675	15.796	26.874	38.698	60.466	82.301	116.640	174.747	
16	1.886	2.856	4.494	6.904	10.282	16.788	28.562	41.129	64.264	87.470	123.966	185.723	
17	1.997	3.025	4.760	7.312	10.890	17.780	30.250	43.560	68.062	92.640	131.292	196.698	
18	2.108	3.194	5.025	7.720	11.498	18.772	31.938	45.990	71.860	97.809	138.618	207.674	
19	2.220	3.363	5.291	8.129	12.105	19.764	33.626	48.421	75.658	102.978	145.944	218.650	
20	2.331	3.531	5.556	8.537	12.713	20.757	35.314	50.851	79.455	108.148	153.271	229.626	
22	2.554	3.869	6.088	9.353	13.928	22.741	38.689	55.713	87.051	118.486	167.923	251.578	
24	2.777	4.207	6.619	10.169	15.144	24.725	42.065	60.574	94.647	128.825	182.575	273.530	
26	3.000	4.544	7.150	10.985	16.359	26.709	45.441	65.435	102.243	139.164	197.228	295.482	
28	3.223	4.882	7.681	11.801	17.574	28.694	48.817	70.297	109.839	149.503	211.880	317.434	
30	3.446	5.219	8.212	12.617	18.790	30.678	52.193	75.158	117.434	159.841	226.532	339.385	
32	3.668	5.557	8.743	13.433	20.005	32.662	55.569	80.019	125.030	170.180	241.185	361.337	
34	3.891	5.894	9.275	14.249	21.220	34.646	58.945	84.881	132.626	180.519	255.837	383.289	
36	4.114	6.232	9.806	15.065	22.435	36.631	62.321	89.742	140.222	190.857	270.490	405.241	
38	4.337	6.570	10.337	15.881	23.651	38.615	65.697	94.603	147.818	201.196	285.142	427.193	
40	4.560	6.907	10.868	16.697	24.866	40.599	69.073	99.465	155.413	211.535	299.794	449.145	
50	5.674	8.595	13.524										
55	6.231	9.439	14.852										
60	6.788	10.283	16.180										
65	7.346	11.127	17.508										
70	7.903	11.971	18.836										
75	8.460	12.815	20.164										
80	9.017	13.659	21.492										
85	9.574	14.503	22.820										
90	10.131	15.347	24.148										
95	10.689	16.191	25.476										
100	11.246	17.035	26.804										

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 1400

Débit d'AIR / Capacity AIR (Nm³/h)

P de tarage Set Press	Flanges / Brides EN-1092-1											
	15 x 25	20 x 25	25 x 40	32 x 50	40 x 65	50 x 80	65x100	80x125	100x150	125x200	150x250	200x300
(bar eff. barg)	Orifice (mm)											
	13	16	23,8	29,5	36	46	60	72	90	105	125	153
	Area / Aire (mm ²)											
	133	201	445	683	1.018	1.662	2.827	4.072	6.362	8.659	12.272	18.385
0,2	97	146	230	354	527	861	1.464	2.109	3.295	4.485	6.356	9.522
0,5	123	186	292	449	668	1.091	1.856	2.673	4.177	5.685	8.057	12.070
1	166	251	395	607	903	1.475	2.509	3.614	5.646	7.685	10.892	16.318
2	252	382	600	922	1.374	2.243	3.816	5.495	8.586	11.686	16.562	24.812
3	338	512	806	1.238	1.844	3.011	5.122	7.376	11.525	15.687	22.232	33.307
4	424	643	1.012	1.554	2.314	3.779	6.429	9.257	14.464	19.688	27.902	41.802
5	511	773	1.217	1.870	2.785	4.546	7.735	11.138	17.404	23.688	33.572	50.297
6	597	904	1.423	2.186	3.255	5.314	9.041	13.020	20.343	27.689	39.242	58.792
7	683	1.035	1.628	2.501	3.725	6.082	10.348	14.901	23.282	31.690	44.912	67.286
8	769	1.165	1.834	2.817	4.195	6.850	11.654	16.782	26.222	35.691	50.582	75.781
9	856	1.296	2.039	3.133	4.666	7.618	12.961	18.663	29.161	39.692	56.252	84.276
10	942	1.427	2.245	3.449	5.136	8.386	14.267	20.544	32.101	43.692	61.922	92.771
11	1.028	1.557	2.450	3.765	5.606	9.154	15.573	22.426	35.040	47.693	67.592	101.265
12	1.114	1.688	2.656	4.080	6.077	9.922	16.880	24.307	37.979	51.694	73.262	109.760
13	1.201	1.819	2.861	4.396	6.547	10.689	18.186	26.188	40.919	55.695	78.933	118.255
14	1.287	1.949	3.067	4.712	7.017	11.457	19.492	28.069	43.858	59.696	84.603	126.750
15	1.373	2.080	3.273	5.028	7.488	12.225	20.799	29.950	46.797	63.696	90.273	135.244
16	1.459	2.211	3.478	5.344	7.958	12.993	22.105	31.832	49.737	67.697	95.943	143.739
17	1.546	2.341	3.684	5.659	8.428	13.761	23.412	33.713	52.676	71.698	101.613	152.234
18	1.632	2.472	3.889	5.975	8.898	14.529	24.718	35.594	55.615	75.699	107.283	160.729
19	1.718	2.602	4.095	6.291	9.369	15.297	26.024	37.475	58.555	79.700	112.953	169.223
20	1.804	2.733	4.300	6.607	9.839	16.064	27.331	39.356	61.494	83.700	118.623	177.718
22	1.977	2.994	4.711	7.238	10.780	17.600	29.944	43.119	67.373	91.702	129.963	194.708
24	2.149	3.256	5.123	7.870	11.720	19.136	32.556	46.881	73.252	99.704	141.303	211.697
26	2.322	3.517	5.534	8.502	12.661	20.672	35.169	50.643	79.130	107.705	152.644	228.687
28	2.494	3.778	5.945	9.133	13.601	22.207	37.782	54.406	85.009	115.707	163.984	245.676
30	2.667	4.039	6.356	9.765	14.542	23.743	40.395	58.168	90.888	123.708	175.324	262.666
32	2.839	4.301	6.767	10.396	15.483	25.279	43.007	61.931	96.767	131.710	186.664	279.655
34	3.012	4.562	7.178	11.028	16.423	26.815	45.620	65.693	102.645	139.712	198.004	296.645
36	3.184	4.823	7.589	11.660	17.364	28.350	48.233	69.455	108.524	147.713	209.344	313.635
38	3.357	5.085	8.000	12.291	18.304	29.886	50.846	73.218	114.403	155.715	220.684	330.624
40	3.529	5.346	8.411	12.923	19.245	31.422	53.458	76.985	120.282	163.717	232.025	347.614
50	4.392	6.652	10.467									
55	4.823	7.305	11.495									
60	5.254	7.959	12.522									
65	5.685	8.612	13.550									
70	6.116	9.265	14.578									
75	6.548	9.918	15.606									
80	6.979	10.571	16.633									
85	7.410	11.225	17.661									
90	7.841	11.878	18.689									
95	8.272	12.531	19.717									
100	8.704	13.184	20.745									

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 1400

Débit d'eau / Capacity WATER (kg/h)

	Flanges / Brides EN-1092-1											
	15 x 25	20 x 25	25 x 40	32 x 50	40 x 65	50 x 80	65x100	80x125	100x150	125x200	150x250	200x300
P de tarage Set Press	Orifice (mm)											
	13	16	23,8	29,5	36	46	60	72	90	105	125	153
(bar eff. barg)	Area / Aire (mm ²)											
	133	201	445	683	1.018	1.662	2.827	4.072	6.362	8.659	12.272	18.385
0,2	2.029	3.073	5.312	8.161	12.154	19.844	33.761	48.615	75.962	103.392	146.531	219.529
0,5	3.208	4.859	8.399	12.904	19.217	31.376	53.380	76.868	120.106	163.477	231.686	347.106
1	4.536	6.871	11.878	18.249	27.177	44.372	75.491	108.707	169.855	231.192	327.653	490.882
2	6.415	9.718	16.798	25.808	38.434	62.752	106.761	153.736	240.212	326.955	463.372	694.212
3	7.857	11.902	20.574	31.608	47.072	76.855	130.755	188.287	294.198	400.436	567.512	850.233
4	9.072	13.743	23.756	36.498	54.354	88.744	150.983	217.415	339.711	462.384	655.306	981.764
5	10.143	15.365	26.560	40.806	60.769	99.219	168.804	243.077	379.808	516.961	732.655	1.097.646
6	11.111	16.831	29.095	44.701	66.569	108.689	184.915	266.278	416.059	566.303	802.583	1.202.411
7	12.002	18.180	31.427	48.282	71.903	117.398	199.731	287.613	449.395	611.677	866.889	1.298.752
8	12.830	19.435	33.596	51.616	76.868	125.503	213.522	307.471	480.424	653.910	926.743	1.388.424
9	13.609	20.614	35.634	54.747	81.531	133.116	226.474	326.122	509.566	693.576	982.959	1.472.646
10	14.345	21.729	37.562	57.708	85.941	140.317	238.724	343.763	537.130	731.094	1.036.130	1.552.305
11	15.045	22.790	39.395	60.525	90.135	147.166	250.376	360.542	563.347	766.777	1.086.703	1.628.072
12	15.714	23.803	41.147	63.216	94.143	153.709	261.509	376.574	588.396	800.873	1.135.024	1.700.465
13	16.355	24.775	42.827	65.798	97.988	159.986	272.188	391.950	612.422	833.575	1.181.370	1.769.901
14	16.973	25.710	44.444	68.281	101.687	166.025	282.463	406.746	635.541	865.042	1.225.966	1.836.713
15	17.569	26.613	46.004	70.678	105.256	171.852	292.376	421.022	657.847	895.403	1.268.995	1.901.178
16	18.145	27.486	47.513	72.996	108.707	177.488	301.965	434.830	679.422	924.768	1.310.613	1.963.528
17	18.703	28.331	48.975	75.242	112.053	182.951	311.259	448.212	700.332	953.229	1.350.949	2.023.959
18	19.245	29.153	50.395	77.424	115.302	188.255	320.282	461.207	720.635	980.865	1.390.115	2.082.636
19	19.773	29.952	51.776	79.545	118.461	193.414	329.059	473.845	740.383	1.007.743	1.428.207	2.139.705
20	20.286	30.730	53.121	81.612	121.539	198.438	337.607	486.155	759.616	1.033.922	1.465.309	2.195.291
22	21.277	32.230	55.713	85.595	127.471	208.124	354.086	509.883	796.692	1.084.387	1.536.830	2.302.441
24	22.223	33.663	58.191	89.401	133.139	217.378	369.830	532.556	832.118	1.132.605	1.605.166	2.404.821
26	23.130	35.037	60.567	93.052	138.575	226.254	384.932	554.301	866.096	1.178.853	1.670.710	2.503.017
28	24.003	36.360	62.853	96.564	143.806	234.795	399.462	575.226	898.790	1.223.353	1.733.778	2.597.504
30	24.846	37.636	65.059	99.954	148.854	243.036	413.483	595.415	930.336	1.266.291	1.794.630	2.688.672
32	25.661	38.870	67.193	103.232	153.736	251.007	427.043	614.942	960.847	1.307.820	1.853.486	2.776.848
34	26.450	40.067	69.261	106.409	158.467	258.732	440.186	633.868	990.419	1.348.070	1.910.530	2.862.310
36	27.217	41.228	71.269	109.494	163.061	266.233	452.948	652.245	1.019.132	1.387.152	1.965.919	2.945.293
38	27.963	42.358	73.222	112.494	167.529	273.528	465.360	670.118	1.047.059	1.425.164	2.019.790	3.026.000
40	28.689	43.458	75.124	115.417	171.882	280.634	477.449	687.526	1.074.260	1.462.187	2.072.261	3.104.611
50	32.076	48.588	92.390									
55	33.641	50.960	96.900									
60	35.137	53.226	101.208									
65	36.572	55.399	105.341									
70	37.952	57.490	109.318									
75	39.285	59.508	113.154									
80	40.573	61.460	116.865									
85	41.822	63.351	120.462									
90	43.034	65.188	123.954									
95	44.213	66.974	127.351									
100	34.021	51.535	130.659									

Flow capacity / Débit (kg/h)

Overpressure / Surpression 10%

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