

## ECODESIGN INFORMATION

According to Regulation EU No 327/2011 of the European Commission, implementing Directive 2009/125/CE of European Parliament  
Apply to fans

SODECA, S.L.U.

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### ERP: Performance at the best efficiency point (BEP)

MC	Measurement category
EC	Efficiency category
VSD	Variable Speed Drive
SR	Specific ratio

[m <sup>3</sup> /h]	Flow rate
[Pa]	Static pressure / Total pressure
[RPM]	Speed

ηe [%]	Efficiency
N	Efficiency grade
[kW]	Input power

Model	MC	EC	VSD	SR	ηe[%]	N	[kW]	[m <sup>3</sup> /h]	[Pa]	[RPM]
PF-H925-2T-0.5	A	Static	VSD built-in to the fan	1.00	51.5	65.3	0.486	1308	63	3000
PF-H925-2T-0.75	A	Static	VSD built-in to the fan	1.00	54.4	66.4	0.724	1526	86	3500
PF-H925-2T-1 IE3	A	Static	VSD built-in to the fan	1.00	58.8	69.8	0.906	1692	106	3880
PF-H925-2T-1.5 IE3	A	Static	VSD built-in to the fan	1.00	59.7	69.0	1.307	1927	138	4420
PF-H925-2T-2 IE3	A	Static	VSD built-in to the fan	1.00	60.7	69.8	1.354	1962	143	4500
PF-H1028-2T-0.75	A	Static	VSD built-in to the fan	1.00	54.6	66.6	0.714	1855	70	2780
PF-H1028-2T-1 IE3	A	Static	VSD built-in to the fan	1.00	59.1	70.1	0.892	2055	86	3080
PF-H1028-2T-1.5 IE3	A	Static	VSD built-in to the fan	1.00	60.0	69.4	1.277	2336	112	3500
PF-H1028-2T-2 IE3	A	Static	VSD built-in to the fan	1.00	60.7	69.0	1.605	2536	131	3800
PF-H1028-4T-0.5	A	Static	VSD built-in to the fan	1.00	54.2	68.2	0.468	1602	52	2400
PF-H1031-2T-1.5 IE3	A	Static	VSD built-in to the fan	1.00	60.0	69.4	1.282	2765	95	2920
PF-H1031-2T-2 IE3	A	Static	VSD built-in to the fan	1.00	60.8	69.4	1.507	2935	107	3100
PF-H1031-4T-0.5	A	Static	VSD built-in to the fan	1.00	54.2	68.2	0.469	1894	44	2000
PF-H1031-4T-0.75	A	Static	VSD built-in to the fan	1.00	56.9	69.2	0.672	2178	59	2300
PF-H1031-4T-1 IE3	A	Static	VSD built-in to the fan	1.00	60.5	71.6	0.876	2433	73	2570
PF-H1135-2T-3 IE3	A	Static	VSD built-in to the fan	1.00	62.6	69.1	2.429	4151	127	3000
PF-H1135-4T-0.75	A	Static	VSD built-in to the fan	1.00	58.3	70.7	0.655	2588	49	1870
PF-H1135-4T-1 IE3	A	Static	VSD built-in to the fan	1.00	61.9	73.0	0.867	2906	62	2100
PF-H1135-4T-1.5 IE3	A	Static	VSD built-in to the fan	1.00	62.4	71.8	1.270	3321	81	2400
PF-H1135-4T-2 IE3	A	Static	VSD built-in to the fan	1.00	62.8	70.9	1.686	3667	99	2650
PF-H1240-4T-1 IE3	A	Static	VSD built-in to the fan	1.00	63.1	74.2	0.882	3427	55	1800
PF-H1240-4T-1.5 IE3	A	Static	VSD built-in to the fan	1.00	63.7	73.2	1.241	3865	69	2030
PF-H1240-4T-2 IE3	A	Static	VSD built-in to the fan	1.00	64.0	72.1	1.710	4322	87	2270
PF-H1240-4T-3 IE3	A	Static	VSD built-in to the fan	1.00	64.4	70.8	2.471	4912	112	2580
PF-H1240-4T-4 IE3	A	Static	VSD built-in to the fan	1.00	64.7	70.0	3.122	5331	132	2800
PF-H1445-4T-2 IE3	A	Static	VSD built-in to the fan	1.00	64.4	72.6	1.638	4909	74	1750
PF-H1445-4T-3 IE3	A	Static	VSD built-in to the fan	1.00	64.8	71.3	2.406	5610	96	2000
PF-H1445-4T-4 IE3	A	Static	VSD built-in to the fan	1.00	65.0	70.1	3.253	6227	118	2220
PF-H1445-4T-5.5 IE3	A	Static	VSD built-in to the fan	1.00	65.1	68.9	4.328	6872	144	2450
PF-H1445-4T-7.5 IE3	A	Static	VSD built-in to the fan	1.00	65.6	68.7	5.115	7293	162	2600
PF-H1650-4T-2 IE3	A	Static	VSD built-in to the fan	1.00	65.4	73.6	1.669	5958	63	1440
PF-H1650-4T-3 IE3	A	Static	VSD built-in to the fan	1.00	65.8	72.2	2.471	6827	82	1650
PF-H1650-4T-4 IE3	A	Static	VSD built-in to the fan	1.00	66.0	71.2	3.224	7489	99	1810
PF-H1650-4T-5.5 IE3	A	Static	VSD built-in to the fan	1.00	66.2	70.0	4.306	8275	121	2000
PF-H1650-4T-7.5 IE3	A	Static	VSD built-in to the fan	1.00	66.6	69.0	5.902	9227	150	2230
PF-H1650-4T-10 IE3	A	Static	VSD built-in to the fan	1.00	67.2	68.6	7.292	9930	174	2400
PF-H1856-4T-3 IE3	A	Static	VSD built-in to the fan	1.00	66.1	72.7	2.352	8440	64	1300
PF-H1856-4T-4 IE3	A	Static	VSD built-in to the fan	1.00	66.3	71.5	3.226	9413	79	1450
PF-H1856-4T-5.5 IE3	A	Static	VSD built-in to the fan	1.00	66.4	70.3	4.291	10387	96	1600
PF-H1856-4T-7.5 IE3	A	Static	VSD built-in to the fan	1.00	66.9	69.4	5.842	11556	119	1780
PF-H1856-4T-10 IE3	A	Static	VSD built-in to the fan	1.00	67.5	68.5	7.969	12854	148	1980
PF-H1856-4T-15 IE3	A	Static	VSD built-in to the fan	1.00	68.2	68.2	10.812	14282	182	2200
PF-H1856-6T-2 IE3	A	Static	VSD built-in to the fan	1.00	63.4	71.3	1.756	7531	51	1160
PF-H1663-4T-5.5 IE3	A	Static	VSD built-in to the fan	1.00	66.8	70.7	4.288	12664	80	1440
PF-H1663-4T-7.5 IE3	A	Static	VSD built-in to the fan	1.00	67.3	69.8	5.816	14071	98	1600
PF-H1663-4T-10 IE3	A	Static	VSD built-in to the fan	1.00	67.9	69.0	7.938	15654	122	1780
PF-H1663-4T-15 IE3	A	Static	VSD built-in to the fan	1.00	68.7	68.6	11.137	17589	153	2000
PF-H1663-6T-3 IE3	A	Static	VSD built-in to the fan	1.00	64.7	71.3	2.356	10201	52	1160
PF-H1663-6T-4 IE3	A	Static	VSD built-in to the fan	1.00	65.1	70.2	3.266	11433	65	1300
PF-H1871-4T-7.5 IE3	A	Static	VSD built-in to the fan	1.00	67.5	70.0	5.769	15053	91	1280
PF-H1871-4T-10 IE3	A	Static	VSD built-in to the fan	1.00	68.1	69.1	7.973	16817	114	1430
PF-H1871-4T-15 IE3	A	Static	VSD built-in to the fan	1.00	68.9	68.8	11.466	19051	146	1620
PF-H1871-4T-20 IE3	A	Static	VSD built-in to the fan	1.00	69.4	69.0	15.608	21168	181	1800
PF-H1871-6T-4 IE3	A	Static	VSD built-in to the fan	1.00	65.2	70.2	3.333	12348	62	1050
PF-H1871-6T-5.5 IE3	A	Static	VSD built-in to the fan	1.00	65.7	69.5	4.319	13524	74	1150
PF-H2180-4T-20 IE3	A	Static	VSD built-in to the fan	1.00	69.9	69.5	15.798	25676	152	1470
PF-H2180-4T-25 IE3	A	Static	VSD built-in to the fan	1.00	70.2	69.5	19.510	27598	175	1580
PF-H2180-6T-5.5 IE3	A	Static	VSD built-in to the fan	1.00	66.1	69.9	4.383	16419	62	940
PF-H2180-6T-7.5 IE3	A	Static	VSD built-in to the fan	1.00	66.8	69.2	5.855	18166	76	1040

Model	MC	EC	VSD	SR	$\eta_e$ [%]	N	[kW]	[m <sup>3</sup> /h]	[Pa]	[RPM]
PF-H-2180-6T-10 IE3	A	Static	VSD built-in to the fan	1.00	67.6	68.6	8.024	20262	95	1160
PF-H-2180-6T-15 IE3	A	Static	VSD built-in to the fan	1.00	68.5	68.4	11.666	23056	122	1320
PF-V-925-2T-0.5	A	Static	VSD built-in to the fan	1.00	51.5	65.3	0.486	1308	63	3000
PF-V-925-2T-0.75	A	Static	VSD built-in to the fan	1.00	54.4	66.4	0.724	1526	86	3500
PF-V-925-2T-1 IE3	A	Static	VSD built-in to the fan	1.00	58.8	69.8	0.906	1692	106	3880
PF-V-925-2T-1.5 IE3	A	Static	VSD built-in to the fan	1.00	59.7	69.0	1.307	1927	138	4420
PF-V-925-2T-2 IE3	A	Static	VSD built-in to the fan	1.00	60.7	69.8	1.354	1962	143	4500
PF-V-1028-2T-0.75	A	Static	VSD built-in to the fan	1.00	54.6	66.6	0.714	1855	70	2780
PF-V-1028-2T-1 IE3	A	Static	VSD built-in to the fan	1.00	59.1	70.1	0.892	2055	86	3080
PF-V-1028-2T-1.5 IE3	A	Static	VSD built-in to the fan	1.00	60.0	69.4	1.277	2336	112	3500
PF-V-1028-2T-2 IE3	A	Static	VSD built-in to the fan	1.00	60.7	69.0	1.605	2536	131	3800
PF-V-1028-4T-0.5	A	Static	VSD built-in to the fan	1.00	54.2	68.2	0.468	1602	52	2400
PF-V-1031-2T-1.5 IE3	A	Static	VSD built-in to the fan	1.00	60.0	69.4	1.282	2765	95	2920
PF-V-1031-2T-2 IE3	A	Static	VSD built-in to the fan	1.00	60.8	69.4	1.507	2935	107	3100
PF-V-1031-4T-0.5	A	Static	VSD built-in to the fan	1.00	54.2	68.2	0.469	1894	44	2000
PF-V-1031-4T-0.75	A	Static	VSD built-in to the fan	1.00	56.9	69.2	0.672	2178	59	2300
PF-V-1031-4T-1 IE3	A	Static	VSD built-in to the fan	1.00	60.5	71.6	0.876	2433	73	2570
PF-V-1135-2T-3 IE3	A	Static	VSD built-in to the fan	1.00	62.6	69.1	2.429	4151	127	3000
PF-V-1135-4T-0.75	A	Static	VSD built-in to the fan	1.00	58.3	70.7	0.655	2588	49	1870
PF-V-1135-4T-1 IE3	A	Static	VSD built-in to the fan	1.00	61.9	73.0	0.867	2906	62	2100
PF-V-1135-4T-1.5 IE3	A	Static	VSD built-in to the fan	1.00	62.4	71.8	1.270	3321	81	2400
PF-V-1135-4T-2 IE3	A	Static	VSD built-in to the fan	1.00	62.8	70.9	1.686	3667	99	2650
PF-V-1240-4T-1 IE3	A	Static	VSD built-in to the fan	1.00	63.1	74.2	0.882	3427	55	1800
PF-V-1240-4T-1.5 IE3	A	Static	VSD built-in to the fan	1.00	63.7	73.2	1.241	3865	69	2030
PF-V-1240-4T-2 IE3	A	Static	VSD built-in to the fan	1.00	64.0	72.1	1.710	4322	87	2270
PF-V-1240-4T-3 IE3	A	Static	VSD built-in to the fan	1.00	64.4	70.8	2.471	4912	112	2580
PF-V-1240-4T-4 IE3	A	Static	VSD built-in to the fan	1.00	64.7	70.0	3.122	5331	132	2800
PF-V-1445-4T-2 IE3	A	Static	VSD built-in to the fan	1.00	64.4	72.6	1.638	4909	74	1750
PF-V-1445-4T-3 IE3	A	Static	VSD built-in to the fan	1.00	64.8	71.3	2.406	5610	96	2000
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PF-V-1445-4T-5.5 IE3	A	Static	VSD built-in to the fan	1.00	65.1	68.9	4.328	6872	144	2450
PF-V-1445-4T-7.5 IE3	A	Static	VSD built-in to the fan	1.00	65.6	68.7	5.115	7293	162	2600
PF-V-1650-4T-2 IE3	A	Static	VSD built-in to the fan	1.00	65.4	73.6	1.669	5958	63	1440
PF-V-1650-4T-3 IE3	A	Static	VSD built-in to the fan	1.00	65.8	72.2	2.471	6827	82	1650
PF-V-1650-4T-4 IE3	A	Static	VSD built-in to the fan	1.00	66.0	71.2	3.224	7489	99	1810
PF-V-1650-4T-5.5 IE3	A	Static	VSD built-in to the fan	1.00	66.2	70.0	4.306	8275	121	2000
PF-V-1650-4T-7.5 IE3	A	Static	VSD built-in to the fan	1.00	66.6	69.0	5.902	9227	150	2230
PF-V-1650-4T-10 IE3	A	Static	VSD built-in to the fan	1.00	67.2	68.6	7.292	9930	174	2400
PF-V-1856-4T-3 IE3	A	Static	VSD built-in to the fan	1.00	66.1	72.7	2.352	8440	64	1300
PF-V-1856-4T-4 IE3	A	Static	VSD built-in to the fan	1.00	66.3	71.5	3.226	9413	79	1450
PF-V-1856-4T-5.5 IE3	A	Static	VSD built-in to the fan	1.00	66.4	70.3	4.291	10387	96	1600
PF-V-1856-4T-7.5 IE3	A	Static	VSD built-in to the fan	1.00	66.9	69.4	5.842	11556	119	1780
PF-V-1856-4T-10 IE3	A	Static	VSD built-in to the fan	1.00	67.5	68.5	7.969	12854	148	1980
PF-V-1856-4T-15 IE3	A	Static	VSD built-in to the fan	1.00	68.2	68.2	10.812	14282	182	2200
PF-V-1856-6T-2 IE3	A	Static	VSD built-in to the fan	1.00	63.4	71.3	1.756	7531	51	1160
PF-V-1663-4T-5.5 IE3	A	Static	VSD built-in to the fan	1.00	66.8	70.7	4.288	12664	80	1440
PF-V-1663-4T-7.5 IE3	A	Static	VSD built-in to the fan	1.00	67.3	69.8	5.816	14071	98	1600
PF-V-1663-4T-10 IE3	A	Static	VSD built-in to the fan	1.00	67.9	69.0	7.938	15654	122	1780
PF-V-1663-4T-15 IE3	A	Static	VSD built-in to the fan	1.00	68.7	68.6	11.137	17589	153	2000
PF-V-1663-6T-3 IE3	A	Static	VSD built-in to the fan	1.00	64.7	71.3	2.356	10201	52	1160
PF-V-1663-6T-4 IE3	A	Static	VSD built-in to the fan	1.00	65.1	70.2	3.266	11433	65	1300