

## 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]
WALL/DUCT-40-2T-1.5 IE3	C	Total	VSD not necessary	1.00	62.4	69.3	0.810	8806	21	2830
WALL/DUCT-45-2T-2 IE3	C	Total	VSD not necessary	1.00	56.9	63.0	1.077	10630	21	2875
WALL/DUCT-45-2T-3 IE3	C	Total	VSD not necessary	1.00	64.8	69.5	1.807	11746	37	2910
WALL/DUCT-45-4T-0.5	C	Static	VSD not necessary	1.00	35.2	43.7	0.430	6184	13	1370
WALL/DUCT-50-4T-0.75	C	Total	VSD not necessary	1.00	59.1	66.6	0.661	9635	15	1380
WALL/DUCT-56-4T-1 IE3	C	Total	VSD not necessary	1.00	62.5	69.6	0.746	12711	14	1420
WALL/DUCT-56-4T-1.5 IE3	C	Total	VSD not necessary	1.00	66.0	72.5	0.957	12950	18	1455
WALL/DUCT-56-4T-2 IE3	C	Total	VSD not necessary	1.00	52.9	58.0	1.555	13769	22	1440
WALL/DUCT-63-4T-1 IE3	C	Total	VSD not necessary	1.00	69.9	77.4	0.642	12558	13	1420
WALL/DUCT-63-4T-1.5 IE3	C	Total	VSD not necessary	1.00	67.6	73.6	1.134	14324	20	1455
WALL/DUCT-63-4T-2 IE3	C	Total	VSD not necessary	1.00	67.3	72.6	1.476	15774	23	1440
WALL/DUCT-63-4T-3 IE3	C	Total	VSD not necessary	1.00	73.0	77.5	1.976	20220	26	1435
WALL/DUCT-63-4T-4 IE3	C	Total	VSD not necessary	1.00	66.7	69.7	3.322	23303	35	1440
WALL/DUCT-63-6T-0.75	C	Static	VSD not necessary	1.00	35.4	43.6	0.495	12078	8	900
WALL/DUCT-71-4T-2 IE3	C	Total	VSD not necessary	1.00	73.1	78.6	1.359	17726	21	1440
WALL/DUCT-71-4T-3 IE3	C	Total	VSD not necessary	1.00	68.7	73.0	2.074	20783	25	1435
WALL/DUCT-71-4T-4 IE3	C	Total	VSD not necessary	1.00	70.3	73.4	3.307	26837	32	1440
WALL/DUCT-71-6T-1 IE3	C	Total	VSD not necessary	1.00	58.4	65.6	0.724	17262	9	940
WALL/DUCT-71-6T-1.5 IE3	C	Total	VSD not necessary	1.00	70.1	76.2	1.081	20965	13	945
WALL/DUCT-80-4T-3 IE3	C	Static	VSD not necessary	1.00	59.0	63.1	2.134	22071	26	1435
WALL/DUCT-80-4T-4 IE3	C	Static	VSD not necessary	1.00	55.9	59.1	3.141	25820	33	1440
WALL/DUCT-80-4T-5.5 IE3	C	Total	VSD not necessary	1.00	72.4	74.6	4.446	33475	35	1450
WALL/DUCT-80-6T-1.5 IE3	C	Total	VSD not necessary	1.00	72.1	77.8	1.251	20662	16	945
WALL/DUCT-80-6T-2 IE3	C	Total	VSD not necessary	1.00	68.9	73.8	1.708	24725	18	950
WALL/DUCT-90-4T-5.5 IE3	C	Static	VSD not necessary	1.00	56.1	58.4	4.228	32624	35	1450
WALL/DUCT-90-4T-7.5 IE3	C	Static	VSD not necessary	1.00	53.3	54.7	6.014	41400	38	1465
WALL/DUCT-90-4T-10 IE3	C	Total	VSD not necessary	1.00	76.6	77.5	7.353	46278	45	1465
WALL/DUCT-90-6T-2 IE3	C	Static	VSD not necessary	1.00	53.9	58.8	1.745	23964	19	950
WALL/DUCT-90-6T-3 IE3	C	Total	VSD not necessary	1.00	71.3	75.3	2.307	31997	19	950
WALL/DUCT-90-6T-4 IE3	C	Total	VSD not necessary	1.00	70.8	73.9	3.209	37615	22	970
WALL/DUCT-100-4T-7.5 IE3	C	Static	VSD not necessary	1.00	51.0	52.4	5.793	44062	32	1465
WALL/DUCT-100-4T-10 IE3	C	Total	VSD not necessary	1.00	75.2	76.1	7.361	52808	39	1465
WALL/DUCT-100-4T-15 IE3	C	Total	VSD not necessary	1.00	75.7	75.7	10.474	59684	49	1470
WALL/DUCT-100-4T-20 IE3	C	Total	VSD not necessary	1.00	72.9	72.8	12.705	64070	53	1465
WALL/DUCT-100-6T-3 IE3	C	Total	VSD not necessary	1.00	69.4	73.4	2.332	34509	17	950
WALL/DUCT-100-6T-4 IE3	C	Total	VSD not necessary	1.00	70.0	73.1	3.212	41225	20	970
WALL/DUCT-100-6T-5.5 IE3	C	Total	VSD not necessary	1.00	75.2	77.7	4.112	48684	23	960
WALL/DUCT-125-4T/6-20 IE3	C	Static	VSD not necessary	1.01	56.4	56.2	14.333	52757	56	1470
WALL/DUCT-125-4T/6-25 IE3	C	Static	VSD not necessary	1.01	57.8	57.4	17.753	74887	64	1470
WALL/DUCT-125-4T/6-30 IE3	C	Static	VSD not necessary	1.01	56.2	55.7	20.930	80568	70	1470
WALL/DUCT-125-4T/6-40 IE3	C	Total	VSD not necessary	1.01	75.5	74.7	31.294	97831	89	1475
WALL/DUCT-125-4T/6-50 IE3	C	Total	VSD not necessary	1.01	74.4	73.4	39.324	109379	98	1480
WALL/DUCT-125-4T/9-25 IE3	C	Static	VSD not necessary	1.01	61.0	60.5	20.706	41358	112	1470
WALL/DUCT-125-4T/9-30 IE3	C	Static	VSD not necessary	1.01	57.3	56.8	20.110	74683	70	1470
WALL/DUCT-125-4T/9-40 IE3	C	Total	VSD not necessary	1.01	71.9	71.2	27.337	89896	80	1475
WALL/DUCT-125-4T/9-50 IE3	C	Total	VSD not necessary	1.01	74.7	73.8	36.694	103373	97	1480
WALL/DUCT-125-4T/12-30 IE3	C	Static	VSD not necessary	1.01	53.1	52.5	22.790	42242	105	1475
WALL/DUCT-125-4T/12-40 IE3	C	Static	VSD not necessary	1.01	54.2	53.5	28.816	52009	110	1470
WALL/DUCT-125-4T/12-50 IE3	C	Static	VSD not necessary	1.01	53.6	52.6	39.201	65718	117	1480
WALL/DUCT-125-6T/6-5.5 IE3	C	Static	VSD not necessary	1.00	53.7	56.1	4.235	34565	24	960
WALL/DUCT-125-6T/6-7.5 IE3	C	Static	VSD not necessary	1.00	54.1	55.7	5.340	49064	28	960
WALL/DUCT-125-6T/6-10 IE3	C	Total	VSD not necessary	1.00	74.3	75.0	7.888	61361	35	960
WALL/DUCT-125-6T/6-15 IE3	C	Total	VSD not necessary	1.00	71.8	71.8	11.459	71662	42	955
WALL/DUCT-125-6T/6-20 IE3	C	Total	VSD not necessary	1.00	69.5	69.3	14.416	78700	47	970
WALL/DUCT-125-6T/9-10 IE3	C	Total	VSD not necessary	1.00	71.0	72.2	6.503	54638	31	960
WALL/DUCT-125-6T/9-15 IE3	C	Total	VSD not necessary	1.00	70.6	70.6	10.913	67727	42	955
WALL/DUCT-125-6T/9-20 IE3	C	Total	VSD not necessary	1.00	71.7	71.5	15.185	79129	51	970
WALL/DUCT-125-6T/9-25 IE3	C	Total	VSD not necessary	1.00	72.9	72.4	20.326	89380	61	975
WALL/DUCT-125-6T/12-25 IE3	C	Static	VSD not necessary	1.00	46.5	46.1	19.000	73697	58	975

Model	MC	EC	VSD	SR	$\eta_e$ [%]	N	[kW]	[m <sup>3</sup> /h]	[Pa]	[RPM]
WALL/DUCT-125-6T/12-30 IE3	C	Total	VSD not necessary	1.01	63.7	63.1	22.786	84132	63	975
WALL/DUCT-125-6T/12-40 IE3	C	Total	VSD not necessary	1.01	61.5	60.7	31.547	96293	74	980