



ΠΙΣΤΟΠΟΙΗΤΙΚΑ

CERTIFICATES



ErP REPORT

ECODESIGN INFORMATION

Applies to non-residential ventilation units (NRVU)

According to Regulation EU No 1253/2014 of the European Commission, implementing Directive 2009/125/CE of European Parliament

SODECA, S.L.U.

www.sodeca.com

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|---------------|--|---|---|--------------------------|
| b) Model | f) Thermal efficiency of heat recovery (%) | j) Face velocity at design flow rate | n) Static efficiency of fans according to (EU) 327/2011 | q) Visual filter warning |
| c) Typology | g) Nominal flowrate | k) Nominal external pressure | o1) Max. internal leakage rate | r) LWA radiated |
| d) Drive type | h) Effective electric power input | l) Internal pressure drop of ventilation components | o2) Max. external leakage rate | |
| e) HRS type | i) SFPint | m) Internal pressure drop of non-ventilation components | p) Energy performance of the filters | |

b)	c)	d)	e)	f)	g)	h)	i)	j)	k)	l)	m)	n)	o1)	o2)	p)	q)	r)	ERP
				%	m ³ /s	kW	W/m ³ /s	m/s	Pa	Pa	Pa	%	%	%			dBA	
CRF-315-4T	NRVU / UVU	Variable speed	None		0.454	0.128		4.59	83			42.6			Not applicable	Not applicable		2018
CRF-315-4M	NRVU / UVU	Variable speed	None		0.402	0.158		4.06	120			42.9			Not applicable	Not applicable		2018
CRF-355-4T	NRVU / UVU	Variable speed	None		0.550	0.199		5.07	116			46.6			Not applicable	Not applicable		2018
CRF-355-4M	NRVU / UVU	Variable speed	None		0.504	0.228		4.65	149			44.6			Not applicable	Not applicable		2018
CRF-400-4T	NRVU / UVU	Variable speed	None		0.770	0.317		6.01	144			49.3			Not applicable	Not applicable		2018
CRF-400-4M	NRVU / UVU	Variable speed	None		0.770	0.317		6.01	144			48.7			Not applicable	Not applicable		2018
CRF-450-4T	NRVU / UVU	Variable speed	None		1.327	0.667		5.80	198			52.0			Not applicable	Not applicable		2018
CRF-450-4M	NRVU / UVU	Variable speed	None		1.172	0.837		5.12	292			50.6			Not applicable	Not applicable		2018
CRF-450-6T	NRVU / UVU	Variable speed	None		0.986	0.268		4.31	92			45.9			Not applicable	Not applicable		2018
CRF-450-6M	NRVU / UVU	Variable speed	None		0.915	0.327		4.00	125			47.4			Not applicable	Not applicable		2018
CRF-500-4T	NRVU / UVU	Variable speed	None		1.445	1.301		5.10	393			52.1			Not applicable	Not applicable		2018
CRF-500-6T	NRVU / UVU	Variable speed	None		1.253	0.561		4.43	172			48.4			Not applicable	Not applicable		2018
CRF-500-6M	NRVU / UVU	Variable speed	None		1.113	0.577		3.94	200			48.3			Not applicable	Not applicable		2018

ECODESIGN INFORMATION

Applies to residential ventilation units (RVU)

According to Regulation EU No 1253/2014 of the European Commission, implementing Directive 2009/125/CE of European Parliament

a) Brand	SODECA, SLU	SODECA, SLU	SODECA, SLU	SODECA, SLU	SODECA, SLU	SODECA, SLU	SODECA, SLU
b) Model	CRF-225-4M	CRF-250-4M	CRF-250-4T	CRF-315-6T	CRF-315-6M	CRF-355-6T	CRF-355-6M
c) Specific energy consumption (SEC) average climate (kWh/(m ² .yr))	-20.1	-20	-20.3	-20.6	-20.3	-20.6	-20.6
c) Specific energy consumption (SEC) cold climate (kWh/(m ² .yr))	-41.1	-41	-41.3	-41.6	-41.3	-41.6	-41.6
c) Specific energy consumption (SEC) warm climate (kWh/(m ² .yr))	-8.1	-8	-8.3	-8.6	-8.3	-8.6	-8.6
c) SEC class	D	D	D	D	D	D	D
d) Typology	RVU / UVU	RVU / UVU	RVU / UVU	RVU / UVU	RVU / UVU	RVU / UVU	RVU / UVU
e) Drive type	Variable speed	Variable speed	Variable speed	Variable speed	Variable speed	Variable speed	Variable speed
f) HRS type	None	None	None	None	None	None	None
g) Thermal efficiency of heat recovery (%)							
h) Maximum flow rate (m ³ /h)	330	504	504	664	664	998	998
i) Electric power input of the fan drive at maximum flow rate (W)	18	28	22	27	32	38	39
j) Sound power level (LWA) (dBA)	55	56	56	52	52	55	55
k) Reference flow rate (m ³ /s)	0.064	0.098	0.098	0.129	0.129	0.194	0.194
l) Reference pressure difference (Pa)	49	49	49	49	49	49	49
m) SPI (Wm ³ /h)	0.079	0.084	0.07	0.059	0.07	0.058	0.058
n) Control factor	0.85	0.85	0.85	0.85	0.85	0.85	0.85
n) Control typology	Central demand control	Central demand control	Central demand control	Central demand control	Central demand control	Central demand control	Central demand control
o) Declared max. internal leakage rate (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
o) Max. external leakage rate (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
p) Mixing rate	0.00	0.00	0.00	0.00	0.00	0.00	0.00
q) Position and description of visual filter warning	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
r) Instructions to install regulated grilles	See manual	See manual	See manual	See manual	See manual	See manual	See manual
s) Website	www.sodeca.com	www.sodeca.com	www.sodeca.com	www.sodeca.com	www.sodeca.com	www.sodeca.com	www.sodeca.com
t) Airflow sensitivity to pressure variations at +20 Pa and -20 Pa	0.00	0.00	0.00	0.00	0.00	0.00	0.00
u) Indoor/outdoor air tightness	0.00	0.00	0.00	0.00	0.00	0.00	0.00
v) Annual electricity consumption (AEC) average climate (kWh/yr)	100	100	100	100	100	100	100
v) Annual electricity consumption (AEC) warm climate (kWh/yr)	100	100	100	100	100	100	100
v) Annual electricity consumption (AEC) cold climate (kWh/yr)	100	100	100	100	100	100	100
w) Annual heating saved (AHS) average climate (kWh/yr)	2200	2200	2200	2200	2200	2200	2200
w) Annual heating saved (AHS) warm climate (kWh/yr)	1000	1000	1000	1000	1000	1000	1000
w) Annual heating saved (AHS) cold climate (kWh/yr)	4300	4300	4300	4300	4300	4300	4300
ErP compliance	2018	2018	2018	2018	2018	2018	2018