

Ecodesign (ERP)



Ecodesign Information requirements for residential ventilation units.

Commission delegated regulation: EU 1253/2014

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a.	Supplier/Brand		Volution Sweden AB / Fresh						
b.	Model identifier (Fresh art#)		Badrumsfläkt F100 (197107)	Badrumsfläkt F100T (197108)	Badrumsfläkt F100TH (197108)				
c.	Specific energy consumption (SEC)	Cold	-22,99		-26,63		-48,73	(kWh/m ² a)	
		Average	-9,64	F	-11,6	E	-23,65		C
		Warm	-1,98		-2,99		-9,28		
d.	Typology		RVU/UVU	RVU/UVU	RVU/UVU				
e.	Type of drive		Single speed/ 1	Single speed/ 1	2 speed/ 1,2				
f.	Type of heat recovery system		N/A	N/A	N/A				
g.	Thermal efficiency of heat recovery		N/A	N/A	N/A	(%)			
h.	Maximum flow rate		85	85	85	(m ³ /h)			
i.	Electric power input at maximum flow		7,5	7,5	7,5	(W)			
j.	Sound power level (Lwa)		48,4	48,4	48,4	(dB(A))			
k.	Reference flow rate		0,02	0,02	0,02	(m ³ /s)			
l.	Reference pressure difference		0	0	0	(Pa)			
m.	Specific power input (SPI)		0,13	0,13	0,13	(W/(m ³ /h))			
n.	Control factor		1 / Manual control	0,95 / Clock control	0,65 / Local demand control				
o.	Internal and external leakage rate		N/A	N/A	N/A	(%)			
p.	Mix rate non ducted BVU		N/A	N/A	N/A	(%)			
q.	Position of visual filter warning		N/A	N/A	N/A				
r.	Regulated supply and exhaust grilles		N/A	N/A	N/A				
s.	Internet address for disassembly instruction		www.fresh.se	www.fresh.se	www.fresh.se				
t.	Airflow sensitivity non ducted units		N/A	N/A	N/A	(%)			
u.	Indoor and outdoor air tightness non ducted units		N/A	N/A	N/A	(m ³ /h)			
v.	Annual energy consumption (AEC)		N/A	N/A	N/A	(kWh/(m ² a))			
w.	Annual heating saved (AHS)	Cold	N/A	N/A	N/A	(kWh/m ² a)			
		Average	N/A	N/A	N/A				
		Warm	N/A	N/A	N/A				