

Kardia V121EC

CENTRAL DEMAND CONTROL

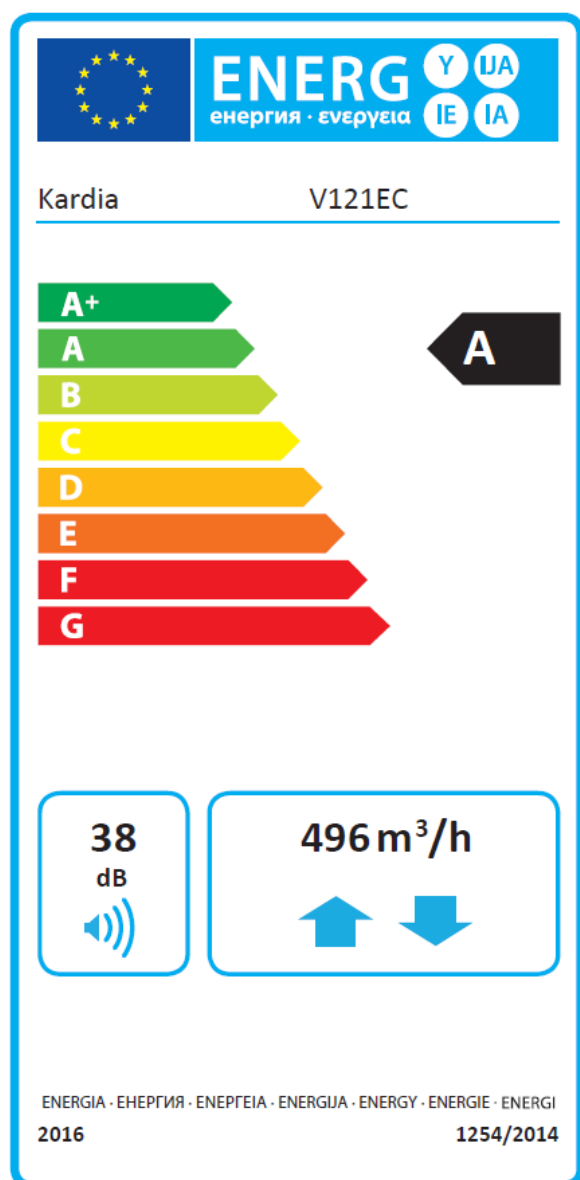
Product information in accordance with:

COMMISSION REGULATION
(EU) No 1253/2014 of 7 July 2014

COMMISSION DELEGATED REGULATION
(EU) No 1254/2014 of 11 July 2014

Additional equipment:

RH + PM2.5 + Pressure control



a)	Name or trade mark:	Kardia
b)	Model identifier:	V121EC
c)	Specific energy consumption SEC (kWh/m² year):	Cold: -72,4 Average: -35,3 Warm: -11,5
d)	Typology:	Bidirectional residential ventilation unit
e)	Drive:	Variable speed (x=2)
f)	Heat recovery system:	Regenerative
g)	Thermal efficiency of heat recovery:	83%
h)	Maximum flow rate:	496 m³/h
i)	Electric power input:	114 W
j)	Sound power level (LwA):	38 db
k)	Reference flow rate:	0,096 m³/s
l)	Reference pressure difference:	50 Pa
m)	Specific power input, SPI in W/(m³/h):	0.38
n)	Control factor and control typology:	0.85
o)	Leakage:	External leakage: 1% Internal leakage: 6%
p)	Mixing rate:	n.a
q)	Filter warning:	Filter warning indicated on the control panel and included in the user manual pointing out the importance of regular filter changes for performance and energy efficiency of the unit
r)	For unidirectional ventilation systems:	n.a
s)	Internet address for disassembly instructions:	www.kardia.no
t)	For non ducted units pressure variations:	n.a
u)	For non ducted units air tightness:	n.a
v)	Annual electricity consumption:	389 kWh/100m² per year
w)	Annual heating saved:	Cold: 8686 kWh/year Average: 4440 kWh/year Warm: 2008 kWh/year