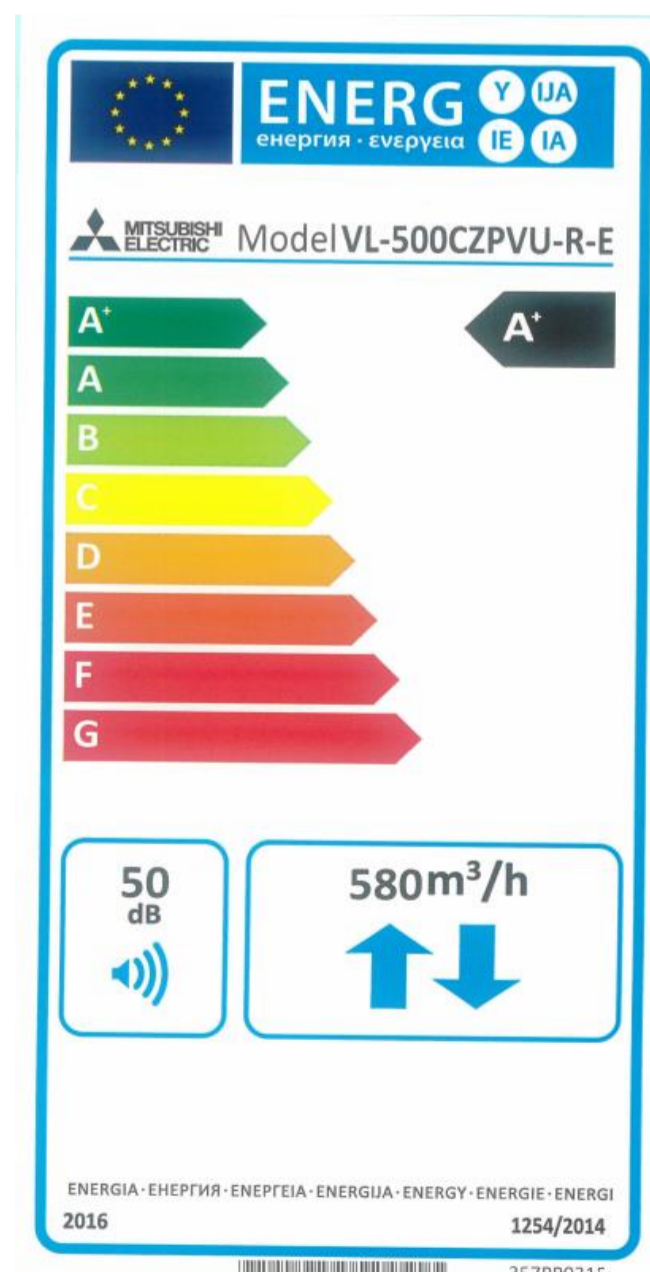


Required information for RVU in  
COMMISSION REGULATION (EU) No. 1254/2014 ANNEX IV

(a)	Supplier's name	MITSUBISHI ELECTRIC
(b)	Model name	VL-500CZPVU-R-E
(c)	SEC(kWh/(m2.a))	Cold region : -81.1
		Average region : -42.1
		Warm region : -17.1
(d)	Declared typology	RVU,BVU
(e)	Type of drive	VARIABLE_SPEED_DRIVE
(f)	Type of HRS	Recuperative
(g)	Thermal efficiency (%)	87.6
(h)	Maximum flow rate (m3/h)	580
(i)	Electric power input (W)	300
(j)	Casing sound power level (dB)	50
(k)	Reference flow rate (m3/s)	0.11
(l)	Reference pressure difference (Pa)	50
(m)	SPI (W/(m3/h))	0.30
(n)	Control factor and typology	0.65, Local demand control
(o)	Maximum leakage rate (%)	5%
(p)	Mixing rate of non-ducted	-
(q)	Visual filter warning	Filter maintenance sign is displayed on the dedicated remote controller. Refer to the Maintenance section in the instruction book.
(r)	Instructions to install regulated supply/exhaust grilles for unidirectional ventilation	-
(s)	Internet address for disassembly instructions	<a href="http://erp.mitsubishielectric.eu">http://erp.mitsubishielectric.eu</a>
(t)	Airflow sensitivity for non-ducted units	-
(u)	air tightness for non-ducted units	-
(v)	AEC (kWh/a)	Average region : 2.0
(w)	AHS (kWh primary energy/a)	Cold region : 90.8
		Average region : 46.4
		Warm region : 21.0



Technical Document in  
**COMMISSION REGULATION (EU) No. 327/2011 ANNEX I**

		Declared data
Product Model		VL-500CZPVU-R-E
Service Reference		VL-500CZPVU-R-E
(1)	Overall Efficiency (%)	37.3
(2)	Measurement Category	B
(3)	Efficiency Category	Total
(4)	Efficiency Grade(N)	49
(5)	VSD	A variable speed drive is integrated within the fan
(6)	Year of Manufacture	Refer to the name plate on the each unit
(7)	Manufacturer Information	MITSUBISHI ELECTRIC CORPORATION Tokyo Bldg 2-7-3, Marunouchi, Chiyoda-ku, Tokyo, Japan 100-8310
(8)	Model Number	VL-500CZPVU-R-E
(9)	Motor Power Input (kW)	0.141
	Flow Rate (m <sup>3</sup> /s)	0.139
	Total Pressure (Pa)	421
(10)	Rotations per Minute	1630
(11)	Specific Ratio	1
(12)	Information relevant for facilitating disassembly, recycling or disposal at end-of-life	<p>Your product should be disposed of separately from household waste in line with local laws and regulations.</p> <p>When this product reaches its end of life, dispose of it at your local waste collection point/recycling centre.</p> <p>The separate collection and recycling of your product at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.</p>
(13)	Information relevant to minimise impact on the environment and ensure optimal life expectancy as regards installation, use and maintenance of the fan	<p>Remove all dust and dirt on air filters at regular intervals in order to prevent a deterioration of the fan function.</p> <p>Do not carry out the following types of duct construction.</p> <ul style="list-style-type: none"> <li>• Bends right next to the outlet</li> <li>• Extreme reduction in the diameter of the connected ducts</li> </ul>
(14)	Description of additional items used when determining the fan energy efficiency	The optimistic fan efficiency is measured in the composition of fan, motor and fan casing only.