

ECODESIGN DIRECTIVE (EU) No 1253/2014 - XROOM100

a) Supplier's name or trade mark			XVENT	
b) Supplier's model identifier			XR1-010-ECxxHRxCOS-0x0	XR1-010-ECxxERxCOS-0x0
c) Specific energy consumption (SEC)	SEC - cold	kWh/(m ² a)	-47 (A+)	-45,9 (A+)
	SEC - middle	kWh/(m ² a)	-40,4 (A)	-38,9 (A)
	SEC - warm	kWh/(m ² a)	-34,1 (A)	-33,1 (B)
	class SEC			
d) Declared typology, accordance with Article 2 of this Regulation	RVU / NRVU		RVU	RVU
	UVU / BVU		BVU	BVU
e) Type of drive installed or intended to be installed			variable speed drive	variable speed drive
f) Type of heat recovery system			recuperative-HRV	recuperative-ERV
g) Thermal efficiency of heat recovery		%	82,3	74
h) Maximum flow rate		m ³ /h	100 m3/h(nominal) 220 m3/h boost	90 m3/h (nominal) 210 m3/h boost
i) Electric power input of the fan drive, including any motor control equipment, at maximum flow rate		W	59	59
j) Sound power level		L _{WA} dB	53,6	53,6
k) Reference flow rate		m ³ /s	0,0194	0,0175
l) Reference pressure difference		Pa	-	-
m) Specific power input (SPI)		W/(m ³ /h)	0,29	0,318
n) Control factor and control typology	CTRL		LOCAL DEMAND CONTROL	LOCAL DEMAND CONTROL
	control factor		0,65	0,65
o) declared maximum internal and external leaks (%) for BVU or transfer (regenerative heat exchangers only) and external leaks (%) for UVUs piped	external leakage	%	5,1	4,8
	internal leakage	%	1,5	1,6
	transfer	%	-	-
p) mixing ratio of ductless two-way ventilation units which are not intended to be equipped with a connection on the supply or exhaust side			2%	
q) position and description of the visual warning of filter replacement at the RVU for use with the filter, including text indicating the importance of regular filter replacement for the performance and energy efficiency of the unit			The position of the filter fouling signal is on the controller, which is freely accessible and visible. Described in the manual	
r) for unidirectional ventilation systems, installation instructions for adjustable supply / exhaust grilles on the façade for natural air supply / exhaust			Descripted in manul at www.xvent.cz	
s) Internet address of the dismantling instructions in accordance with point 3.			www.xvent.cz	
t) only for ductless units: sensitivity of the air flow to pressure fluctuations at + 20 Pa and -20 Pa			+ - 6m3/h	
u) only for ductless units: indoor / outdoor air tightness in m3 / h			0,5m3/h	