

Technical documentation for NRVU
 COMMISSION REGULATION (EU) No 1253/2014 ANNEX V

		VN-U00501SY-E	VN-U00651SY-E	VN-U00801SY-E	VN-U01001SY-E
(a)	manufacturer's name or trade mark;	TOSHIBA CARRIER CORPORATION			
(b)	manufacturer's model identifier, i.e. the code, usually alphanumeric, used to distinguish a specific non-residential ventilation unit model from other models with the same trade mark or supplier's name;	VN-U00501SY-E	VN-U00651SY-E	VN-U00801SY-E	VN-U01001SY-E
(c)	declared typology in accordance with Article 2 (RVU or NRVU, UVU or BVU);	NRVU, BVU	NRVU, BVU	NRVU, BVU	NRVU, BVU
(d)	type of drive installed or intended to be installed (multi-speed drive or variable speed drive);	variable speed drive	variable speed drive	variable speed drive	variable speed drive
(e)	type of HRS (run-around, other, none);	other	other	other	other
(f)	thermal efficiency of heat recovery (in % or 'not applicable' if the product has no heat recovery system);	75,9	73,9	74,5	74,0
(g)	nominal NRVU flow rate in m ³ /s;	0,111	0,144	0,178	0,222
(h)	effective electric power input (kW);	0,105	0,176	0,196	0,291
(i)	SFPint in W/(m ³ /s);	473	610	552	655
(j)	face velocity in m/s at design flow rate;	0,85	1,10	0,95	1,18
(k)	nominal external pressure ($\Delta p_{s, ext}$) in Pa;	80	100	92	110
(l)	internal pressure drop of ventilation components ($\Delta p_{s,int}$) in Pa;	75	109	136	177
(m)	optional:internal pressure drop of non-ventilation components ($\Delta p_{s,add}$) in Pa;	-	-	-	-
(n)	static efficiency of fans used in accordance with Regulation (EU) No 327/2011;	-	39,0	35,5	38,8
(o)	external leakage rate (%) of the casing of ventilation units	+400 (Pa)	11,9	9,1	11,3
		-400 (Pa)	9,1	7,0	8,4
	internal leakage rate (%) of bidirectional ventilation units	5,7	5,1	5,4	5,1
(p)	energy performance, preferably energy classification, of the filters (declared information about the calculated annual energy consumption);	-	-	-	-
(q)	description of visual filter warning for NRVUs intended for use with filters, including text pointing out the importance of regular filter changes for performance and energy efficiency of the unit;	-	-	-	-
(r)	in the case of NRVUs specified for use indoors, the casing sound power level (L _{WA}), rounded to the nearest integer;	-	-	-	-
(s)	internet address for disassembly instructions as referred to in point 3.	http://www.toshiba-carrier.co.jp/global/			