Technical documentation for NRVU

COMMISSION REGULATION (EU) No 1253/2014 ANNEX V			VN-M500HE	VN-M650HE	VN-M800HE	VN-M1000HE	VN-M1500HE	VN-M2000HE
(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-M500HE	VN-M650HE	VN-M800HE	VN-M1000HE	VN-M1500HE	VN-M2000HE
(c)	declared typology in accordance with Article 2 (RVU or NRVU, UVU or BVU);		NRVU, BVU	NRVU, 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);		multi-speed drive	multi-speed drive	multi-speed drive	multi-speed drive	multi-speed drive	multi-speed drive
(e)	type of HRS (run-around, other, none);		other	other	other	other	other	other
(f)	thermal efficiency of heat recovery (in % or 'not applicable' if the product has no heat recovery system);		76,0	74,4	78,2	75,6	78,2	75,6
(g)	nominal NRVU flow rate in m^3/s;		0,139	0,181	0,222	0,278	0,417	0,556
(h)	effective electric power input (kW);		0,226	0,276	0,372	0,551	0,769	1,119
(i)	SFPint in $W/(m^3/s)$;		814	764	836	991	922	1006
(j)	face velocity in m/s at design flow rate;		1,26	1,63	1,66	2,07	1,55	2,07
(k)	nominal external pressure ($\Delta p_{s,\,ext}$) in Pa;		142	99	150	140	145,5	133,5
(l)	internal pressure drop of ventilation components ($\Delta p_{s,int}$) in Pa;		92,5	140,5	154	166,5	159	174
(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;		-	-	36,9	35,0	36,9	35,0
(o)	external leakage rate (%) of the casing of ventilation units	+400 (Pa)	10,8	8,3	7,8	6,2	8,3	6,2
		-400 (Pa)	8,6	6,6	7,1	5,7	7,6	5,7
	internal leakage rate (%) of bidirectional ventilation units		6,0	6,0	5,8	5,8	5,8	5,8
(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/					

COMMISSION REGULATION (EU) No 1253/2014 ANNEX V			VN-M1000HE1	VN-M1500HE1	VN-M2000HE1
(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-M1000HE1	VN-M1500HE1	VN-M2000HE1
(c)	declared typology in accordance with Article 2 (RVU or NRVU, UVU or 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
(e)	type of HRS (run-around, other, none);		other	other	other
(f)	thermal efficiency of heat recovery (in % or 'not applicable' if the product has no heat recovery system);		75,6	78,2	75,6
(g)	nominal NRVU flow rate in m^3/s;		0,278	0,417	0,556
(h)	effective electric power input (kW);		0,390	0,640	0,780
(i)	SFPint in $W/(m^3/s)$;		702	768	702
(j)	face velocity in m/s at design flow rate;		2,07	1,55	2,07
(k)	nominal external pressure ($\Delta p_{s,ext}$) in Pa;		105	140,0	105,0
(l)	internal pressure drop of ventilation components ($\Delta p_{s,int}$) in Pa;		166,5	159	174
(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;		38,0	38,0	38,0
(o)	external leakage rate (%) of the casing of ventilation units	+400 (Pa)	9,4	12,5	9,4
		-400 (Pa)	8,2	11,0	8,2
	internal leakage rate (%) of bidirectional ventilation units		5,8	5,8	5,8
(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/		