

Product fiche

(a) Supplier's name		TOSHIBA CARRIER CORPORATION		
(b) Supplier's model identifier		VN-U00151SY-E	VN-U00251SY-E	VN-U00351SY-E
(c) SEC (kWh/(m ² .a)) / SEC class	Cold	-69,9 / A+	-70,6 / A+	-69,0 / A+
	Average	-33,9 / B	-35,0 / A	-33,6 / B
	Warm	-10,6 / E	-12,0 / E	-10,6 / E
(d) Typology		bidirectional	bidirectional	bidirectional
(e) Type of drive		variable speed drive	variable speed drive	variable speed drive
(f) Type of heat recovery system		recuperative	recuperative	recuperative
(g) Thermal efficiency (%)		82,0	80,5	80,2
(h) Maximum flow rate (m ³ /h)		141	230	393
(i) Electric power input (W)		56	75	152
(j) Sound power level (L _{WA})	Extra high	43	43	49
	High	40	42	46
	Mid	37	39	41
	Low	35	35	36
(k) Reference flow rate (m ³ /s)		0,027	0,045	0,076
(l) Reference pressure difference (Pa)		155	185	270
(m) SPI (W/(m ³ /h))		0,284	0,233	0,276
(n) Control factor		1	1	1
(n) Control typology		Manual control (no DCV)	Manual control (no DCV)	Manual control (no DCV)
(o) Internal leakage rate (%)		6,7	5,2	5,1
(o) External leakage rate (%)	+250(Pa)	20,9	12,6	9,5
	-250(Pa)	20,0	12,4	8,6
(p) Mixing rate		-	-	-
(q) Position and description of visual filter warning		-	-	-
(r) Instructions to install regulated supply/exhaust grilles		-	-	-
(s) Internet address for pre-/dis-assembly instructions		http://www.toshiba-carrier.co.jp/global/		
(t) The airflow sensitivity		-	-	-
(u) The indoor/outdoor air tightness (m ³ /h)		-	-	-
(v) AEC (kWh electricity/a)	Cold	9,3	8,7	9,2
	Average	4,0	3,3	3,9
	Warm	3,5	2,9	3,4
(w) AHS (kWh primary energy/a)	Cold	84	83	83
	Average	43	42	42
	Warm	19	19	19