

DECLARATION OF PERFORMANCE

SPTA0809

1. Product type: Tikli SPTA
2. Intended use: Smoke control in buildings:
smoke exhaust hatch, also suitable for ventilation.
3. Manufacturer: Tikli Group Oy, Yhdystie 40, 62800 Vimpeli, Finland
5. The system of assessment and verification of constancy of performance: AVCP1
- 6a. The harmonized standard: EN 12101-2:2003
The certification body: No 0809
Number of the certificate of conformity: 0809 - CPR - 20003435

7. Declared performances:

Identification:						EN 12101-2:2003						
						Performances						
	Throat length (mm)	Throat width (mm)	Height of upstand (mm)	fire open position (°)	coefficient of discharge, (C _v)	aerodynamic free area, A _a (m ²)	Reliability (RE)*	Snow-load (SL)	Low ambient temperature (T)	Wind load (WL)	Resistance to heat (B)	Reaction to fire
SPTA994	900	900	400	160	0,62	0,50	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA9104	1000	900	400	160	0,62	0,56	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA9124	1200	900	400	160	0,62	0,67	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA9164	1600	900	400	160	0,63	0,91	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA9204	2000	900	400	160	0,64	1,15	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA9244	2400	900	400	160	0,62	1,34	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA10104	1000	1000	400	160	0,62	0,62	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA10124	1200	1000	400	160	0,62	0,74	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA10164	1600	1000	400	160	0,62	0,99	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA10204	2000	1000	400	160	0,63	1,26	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA10244	2400	1000	400	160	0,63	1,51	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA11124	1200	1100	400	160	0,62	0,82	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA11164	1600	1100	400	160	0,62	1,09	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA11204	2000	1100	400	160	0,62	1,36	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA11244	2400	1100	400	160	0,63	1,66	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA12124	1200	1200	400	160	0,62	0,89	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA12164	1600	1200	400	160	0,62	1,19	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA12204	2000	1200	400	160	0,62	1,49	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA12244	2400	1200	400	160	0,62	1,79	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA998	900	900	800	160	0,65	0,53	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA9108	1000	900	800	160	0,65	0,59	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA9128	1200	900	800	160	0,66	0,71	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA9168	1600	900	800	160	0,67	0,96	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA9208	2000	900	800	160	0,68	1,22	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA9248	2400	900	800	160	0,69	1,49	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA10108	1000	1000	800	160	0,66	0,66	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA10128	1200	1000	800	160	0,66	0,79	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA10168	1600	1000	800	160	0,67	1,07	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA10208	2000	1000	800	160	0,67	1,34	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA10248	2400	1000	800	160	0,68	1,63	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA11128	1200	1100	800	160	0,66	0,87	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA11168	1600	1100	800	160	0,67	1,18	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA11208	2000	1100	800	160	0,67	1,47	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA11248	2400	1100	800	160	0,67	1,77	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA12128	1200	1200	800	160	0,67	0,96	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA12168	1600	1200	800	160	0,67	1,29	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA12208	2000	1200	800	160	0,67	1,61	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA12248	2400	1200	800	160	0,67	1,93	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0

Identification:						EN 12101-2:2003						
						Performances						
	Geometric length (mm)	Geometric length (mm)	Height of upstand (mm)	fire open position (°)	coefficient of discharge, (Cv)	aerodynamic free area, Aa (m ²)	Reliability (RE)*	Snow-load (SL)	Low ambient temperature (T)	Wind load (WL)	Resistance to heat (B)	Reaction to fire
SPTA9912	900	900	1200	160	0,68	0,55	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA91012	1000	900	1200	160	0,68	0,61	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA91212	1200	900	1200	160	0,69	0,75	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA91612	1600	900	1200	160	0,71	1,02	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA92012	2000	900	1200	160	0,72	1,30	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA92412	2400	900	1200	160	0,74	1,60	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA101012	1000	1000	1200	160	0,69	0,69	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA101212	1200	1000	1200	160	0,70	0,84	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA101612	1600	1000	1200	160	0,71	1,14	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA102012	2000	1000	1200	160	0,72	1,44	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA102412	2400	1000	1200	160	0,73	1,75	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA111212	1200	1100	1200	160	0,71	0,94	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA111612	1600	1100	1200	160	0,71	1,25	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA112012	2000	1100	1200	160	0,72	1,58	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA112412	2400	1100	1200	160	0,72	1,90	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA121212	1200	1200	1200	160	0,72	1,04	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA121612	1600	1200	1200	160	0,72	1,38	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA122012	2000	1200	1200	160	0,71	1,70	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0
SPTA122412	2400	1200	1200	160	0,71	2,04	RE 1000	SL 500	T (-15)	WL 1500	B600	B-s1,d0

* Before the test, 10,000 opening cycles were performed to the ventilation position (double-acting)

The performance of the product identified above is in conformity with the set of declared performances.

This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed on behalf of the manufacturer:

Vimpeli 31.5.2023



Pasi Arvola, CEO
Tikli Group Oy