



# SUVT-R



**400 °C/2h belt driven extraction fan units and 120 °c continuous operation with high performance and very robust backward curved impeller**

400 °C/2h in-line belt driven extraction fan units and 120 °C continuous operation, equipped with a backward curved impeller, acoustically insulated, aluminium profile and pre-lacquered sheet steel panels. Suitable for professional kitchen applications.

**Characteristics:**

- Self-cleaning backward curved impeller.
- 25 mm rockwool insulation in panels.
- Structure in aluminum profiles and pre-lacquered outer sheet.
- Maintenance inspection door.
- Grease-collection tray.
- Integrated connection box.
- Approved in accordance with standard EN 12101-3, to work outside the fire zone.

**Fan:**

- Very robust double inlet backward curved impeller.
- Maximum temperature of air to be carried: S1 continuous operation -25 °C +120 °C. S2 operation: 400 °C/2h.

**Motor:**

- Class F motors with ball bearings and IP55 protection.
- IE3 efficiency motors.
- Three-phase 230/400 V 50 Hz (up to 4 kW) and 400/690 V 50 Hz (powers greater than 4 kW).
- Working temperature: -25 °C +50 °C.

**On request:**

- Particle sensor for automatic control.
- Possibility of adapting the transmission assembly to the left or right.
- Special windings for different voltages and frequencies.

**KF-CONTROL:**

- Motor speed control by manual selection or by optional external sensors (SP-PM2.5+VOC).
- Integrated control system compatible with MODBUS RTU.
- Built-in temperature sensor.
- Filters condition check.
- WiFi.

## Technical characteristics

Model	Speed (r/min)	Maximum admissible current (A)			Installed power (kW)	Maximum flow rate (m³/h)	Sound pressure level <sup>1</sup> dB(A)		Approx. weight (Kg)
		230V	400V	690V			Inlet		
SUVT-R-450-1 IE3	950	2.82	1.62		0.75	8895	77	250	
SUVT-R-450-1.5 IE3	1105	4.07	2.34		1.10	10335	80	250	
SUVT-R-450-2 IE3	1220	5.41	3.11		1.50	11430	82	250	
SUVT-R-450-3 IE3	1435	7.93	4.56		2.20	13435	86	260	
SUVT-R-450-4 IE3	1535	10.70	6.15		3.00	14380	87	265	
SUVT-R-450-5.5 IE3	1740	13.90	8.00		4.00	16290	90	270	
SUVT-R-500-1.5 IE3	910	4.07	2.34		1.10	11675	72	300	
SUVT-R-500-2 IE3	1030	5.41	3.11		1.50	13215	75	300	
SUVT-R-500-3 IE3	1195	7.93	4.56		2.20	15360	78	310	
SUVT-R-500-4 IE3	1280	10.70	6.15		3.00	16440	79	315	
SUVT-R-500-5.5 IE3	1450	13.90	8.00		4.00	18625	82	320	
SUVT-R-630-3 IE3	805	7.93	4.56		2.20	22030	68	550	
SUVT-R-630-4 IE3	915	10.70	6.15		3.00	25105	71	555	
SUVT-R-630-5.5 IE3	1025	13.90	8.00		4.00	28150	73	560	
SUVT-R-630-7.5 IE3	1115		10.30	5.97	5.50	30535	75	570	
SUVT-R-630-10 IE3	1240		13.90	8.06	7.50	34075	77	585	

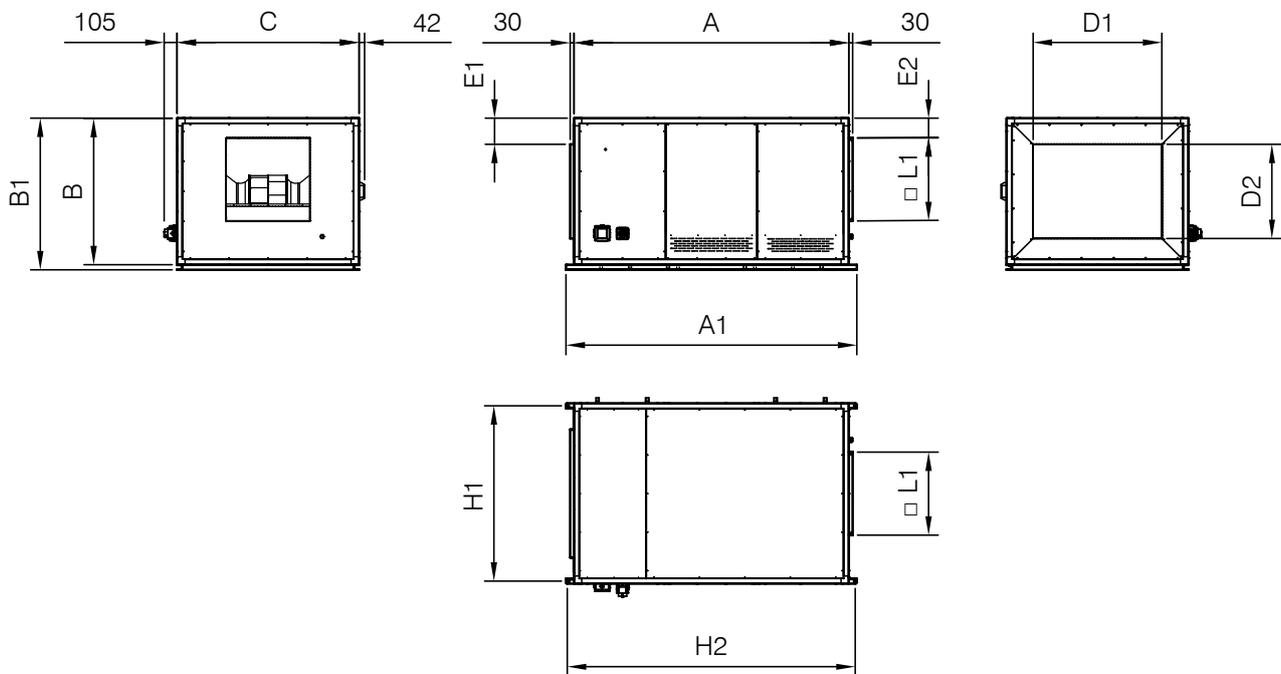
1. Sound pressure level in dB(A) at a distance of 3 m and at maximum flow rate.



### Erp. (Energy Related Products)

Information on Directive 2009/125/EC can be downloaded from the SISTEVEN website or the Selector programme.

### Dimensions mm



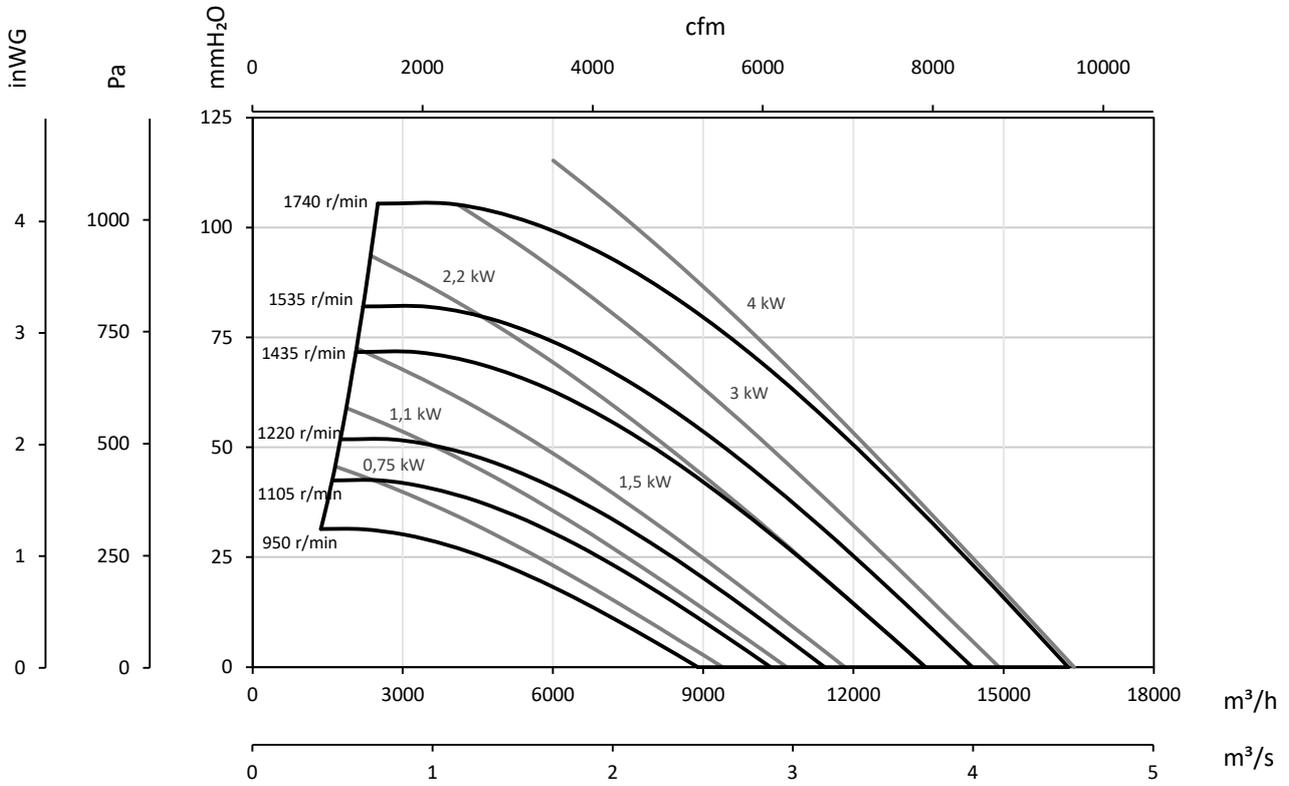
	A	A1	B	B1	C	D1	D2	E1	E2	H1	H2	L1
SUVT-R - 450	1392	1512	951	991	1392	1067.4	629	83.8	161	1352	1479	571.2
SUVT-R - 500	1592	1712	1129	1169	1392	1067.4	807	152.4	161	1352	1679	641.2
SUVT-R - 630	1670	1790	1461	1501	1831	1506.4	1139	240.4	161	1791	1757	801.2

### Characteristic curves

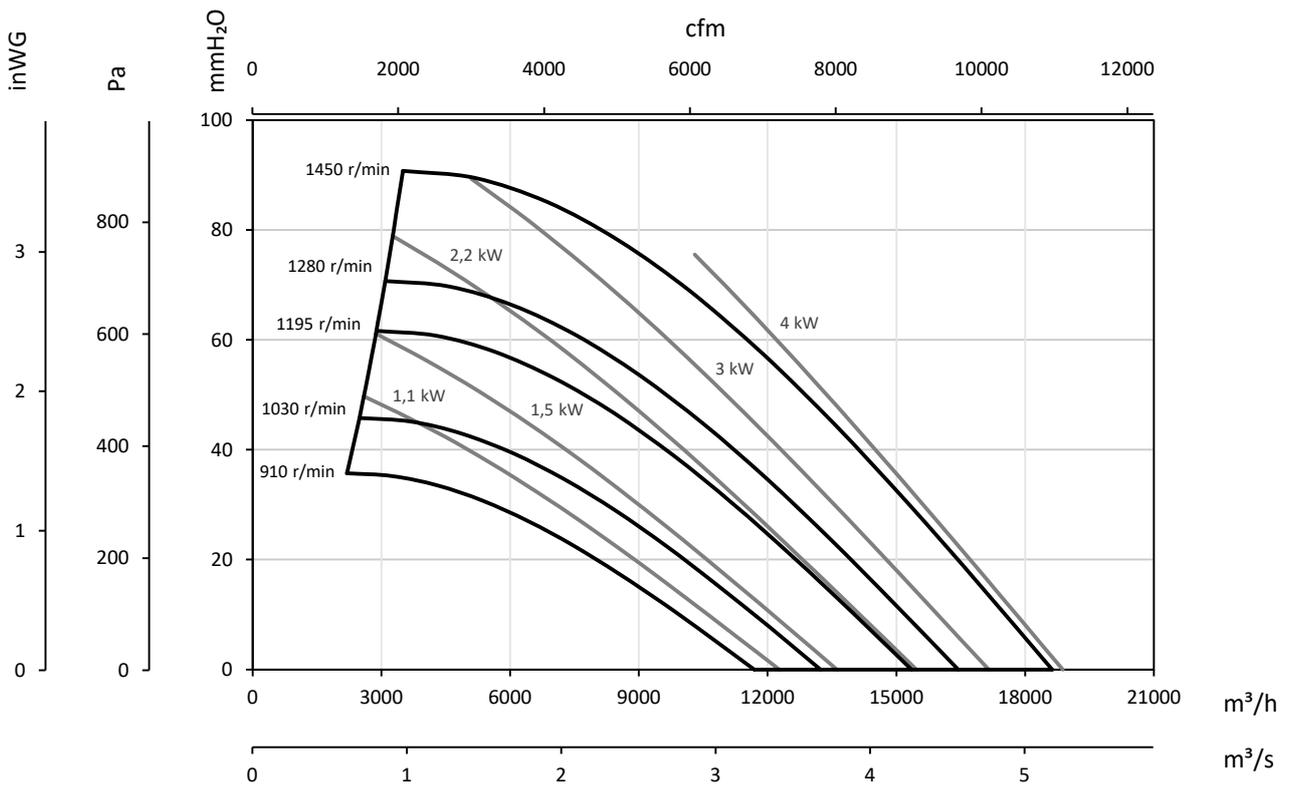
Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm

Pe= Static pressure in mm H<sub>2</sub>O, Pa and inWG

#### SUVT-R-450



#### SUVT-R-500



**Characteristic curves**

Q= Flow rate in m<sup>3</sup>/h, m<sup>3</sup>/s and cfm Pe= Static pressure in mm H<sub>2</sub>O, Pa and inwg

