

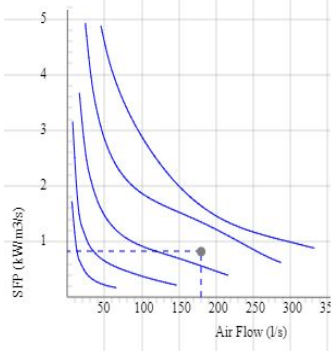
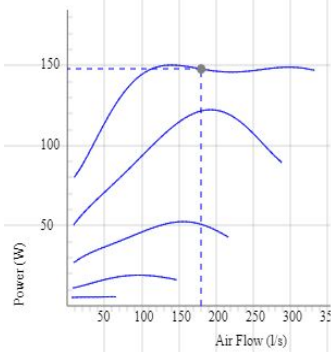
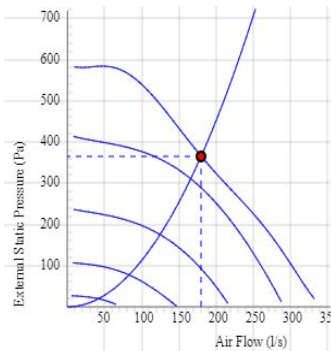


# TKV 400 D1 EC

- Roof fan with square connection.
- Vertical outlet.
- High performance and proven reliability.
- Impeller with backward curved blades.
- The external rotor motor has maintenance-free sealed ball-bearings and is very energy efficient.
- Speed controlling can be done with the built-in potentiometer, 0-10 V alt. external control.
- Integrated motor protection.
- Junction box has enclosure class IP 54.
- Fan housing is manufactured from galvanized sheet steel which is polyester plastic coated in black as standard.
- Swing-up design to simplify maintenance and cleaning of the impeller.
- The easiest way to mount the roof fan is with a roof curb TFU.
- The fan complies with environmental requirement M2.

## Accessories

- Speed controller MS EC
- Controller IQ-Reg EC
- Pressure regulator CALAIR-PR-230V
- Pressure regulator FKP-R
- TFU 400
- Connection plate TFU 400
- Back draught shutter TFU 400



## Voltage steps

1	2	3	4	5
2V	4V	6V	8V	10V

## TECHNICAL DATA

	7340134 TKV 400 D1 EC-y1 Black	7340137 TKV 400 D1 EC-y1 Brick red	7340136 TKV 400 D1 EC-y1 Galv
Voltage	230 V	230 V	230 V
Phase	1 ~	1 ~	1 ~
Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Power	150 W	150 W	150 W
Current	1.21 A	1.21 A	1.21 A
Speed	2960 r.p.m.	2960 r.p.m.	2960 r.p.m.
Max. temperature of transported air	60 °C	60 °C	60 °C
Max. temperature of transported air when speed controlled	60 °C	60 °C	60 °C
Sound pressure level at 3 m	70 dB(A)	70 dB(A)	70 dB(A)
Weight	7.8 kg	7.8 kg	7.8 kg
Enclosure class	44 IP	44 IP	44 IP
Insulation class, motor	F	F	F
Duct connection	400x400 mm	400x400 mm	400x400 mm
Max. flow @ 0Pa	342 l/s	342 l/s	342 l/s
Max. pressure	603 Pa	603 Pa	603 Pa
Voltage range	200-277 V	200-277 V	200-277 V

## SOUND DATA

	Flow (l/s)	L <sub>WA</sub> tot dB (A)	63Hz	125Hz	250Hz	500Hz	1KHz	2KHz	4KHz	8KHz
5. Surrounding Lw dB(A) 10V	183	77	49	53	64	70	69	73	65	56
5. Inlet Lw dB(A) 10V	183	74	57	62	68	68	66	68	64	57
4. Inlet Lw dB(A) 8V	170	73	56	60	67	66	64	67	62	55
3. Inlet Lw dB(A) 6V	125	67	51	55	62	60	58	59	53	45
2. Inlet Lw dB(A) 4V	85	57	41	50	49	52	49	47	41	29
1. Inlet Lw dB(A) 2V	46	41	33	34	35	36	29	21	19	6

## DIMENSIONS

