



Axial wall fan

Axis-Q

Air capacity — up to 11900 m³/h

Use

- Supply and exhaust ventilation systems installed in various premises.
- Ideal solution for boosting large air volumes at low aerodynamic resistance in the ventilation system.
- Refrigerating technologies for cooling of compressor condensing units.
- Direct air exhaust.
- For positive pressure ventilation in fire-fighting systems.

Design

- Steel casing and impeller with a special polymer atmospheric resistant coating.
- Casing is equipped with a square mounting plate and a round flange to facilitate wall mounting.
- The fan is equipped with a terminal block for connection to power mains.

Motor

- Two- or four-pole asynchronous motor with external rotor and axial impeller.
- Single-phase (**E**) or three-phase (**D**) motor modifications.
- Equipped with ball bearings for longer service life.
- Integrated thermal protection with automatic restart.

Speed control

- Smooth speed control with an external thyristor controller or step speed control with an external auto transformer (both available upon separate order).

Mounting

- Wall surface mounting with a square connecting frame.
- Any mounting position with respect to air flow direction in the system.
- Power is supplied through an external terminal box.

Specifications

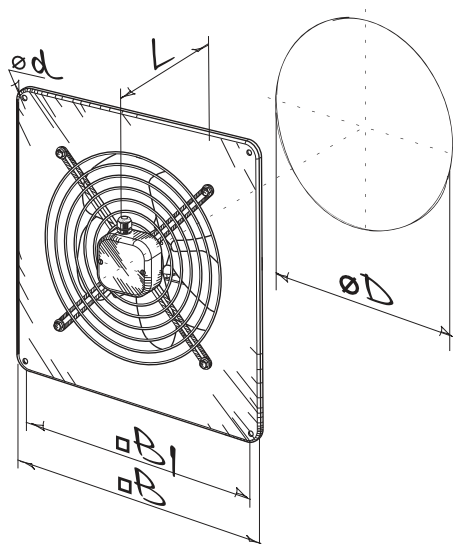
Parameters	Axis-Q 200 2E	Axis-Q 250 2E	Axis-Q 250 4E	Axis-Q 300 2E	Axis-Q 300 4E	Axis-Q 350 4E
Voltage [V / 50 Hz]	230	230	230	230	230	230
Power [W]	55	80	50	145	75	140
Current [A]	0,26	0,4	0,22	0,66	0,35	0,65
Maximum air capacity [m ³ /h]	860	1050	800	2230	1340	2500
RPM [min ⁻¹]	2300	2400	1380	2300	1350	1380
Sound pressure level at 3 m distance [dBA]	50	60	55	60	58	62
Max. operating temperature [°C]	-30 +60	-30 +60	-30 +60	-30 +60	-30 +60	-30 +60
Ingress protection rating	IP 24	IP 24	IP 24	IP 24	IP 24	IP 24

■ Specifications

Parameters	Axis-Q 400 4E	Axis-Q 450 4E	Axis-Q 500 4E	Axis-Q 550 4E	Axis-Q 630 4E	Axis-Q 250 2D
Voltage [V / 50 Hz]	230	230	230	230	230	400
Power [W]	180	250	420	550	750	80
Current [A]	0,82	1,2	1,95	2,55	3,5	0,22
Maximum air capacity [m ³ /h]	3580	4680	7060	8800	11900	1060
RPM [min ⁻¹]	1380	1350	1300	1300	1360	2600
Sound pressure level at 3 m distance [dBA]	63	64	69	70	75	60
Max. operating temperature [°C]	-30 +60	-30 +60	-30 +60	-30 +60	-30 +60	-30 +60
Ingress protection rating	IP 24	IP 24	IP 24	IP 24	IP 24	IP 24

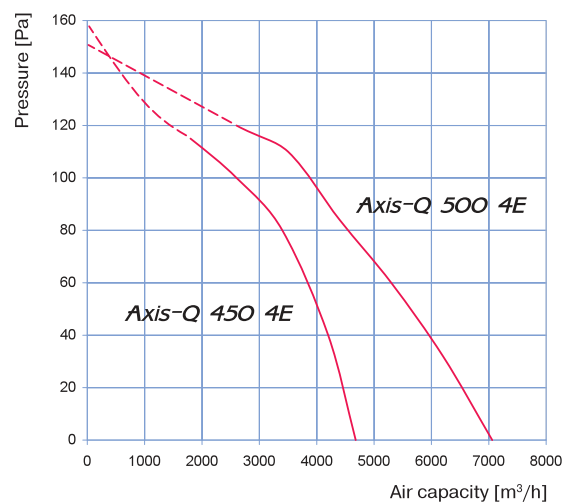
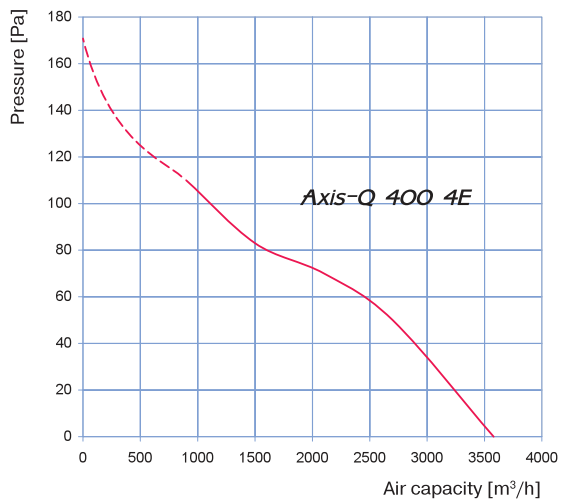
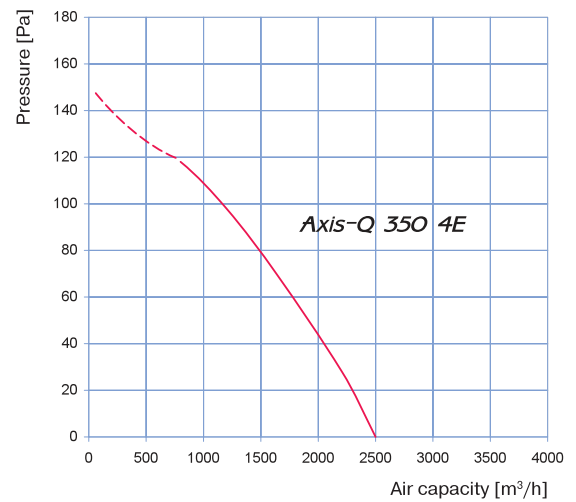
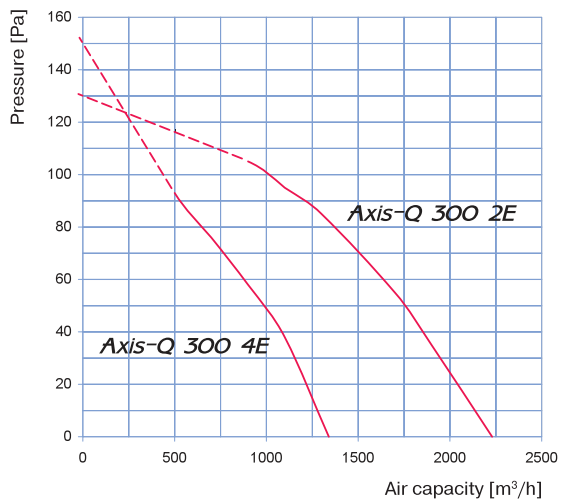
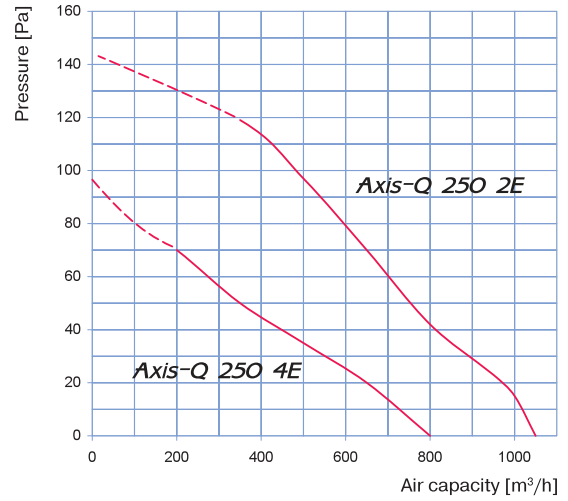
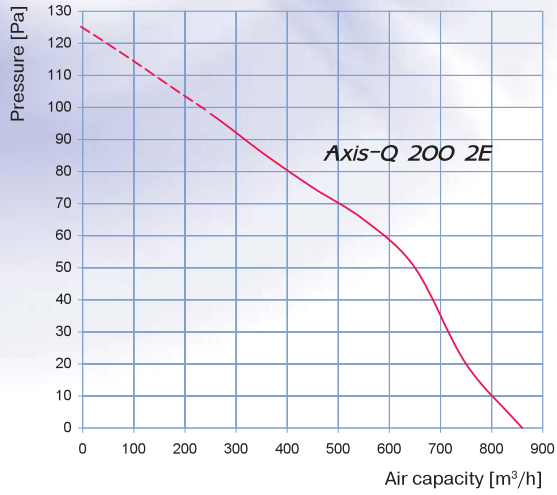
Parameters	Axis-Q 250 4D	Axis-Q 300 2D	Axis-Q 300 4D	Axis-Q 350 4D	Axis-Q 400 4D	Axis-Q 450 4D
Voltage [V / 50 Hz]	400	400	400	400	400	400
Power [W]	60	145	75	140	180	250
Current [A]	0,17	0,25	0,22	0,38	0,47	0,6
Maximum air capacity [m ³ /h]	850	2310	1310	2520	3740	5280
RPM [min ⁻¹]	1400	2350	1380	1380	1380	1360
Sound pressure level at 3 m distance [dBA]	55	60	58	62	64	65
Max. operating temperature [°C]	-30 +60	-30 +60	-30 +60	-30 +60	-30 +60	-30 +60
Ingress protection rating	IP 24	IP 24	IP 24	IP 24	IP 24	IP 24

■ Overall dimensions



Type	Dimensions [mm]					Weight [kg]
	øD	ød	B	B1	L	
Axis-Q 200 2E	210	7	312	260	145	3,0
Axis-Q 250 2E	260	7	370	320	155	4,0
Axis-Q 250 4E	260	7	370	320	155	3,5
Axis-Q 300 2E	326	9	430	380	195	6,1
Axis-Q 300 4E	326	9	430	380	195	5,0
Axis-Q 350 4E	388	9	485	435	200	7,8
Axis-Q 400 4E	417	9	540	490	240	8,8
Axis-Q 450 4E	465	11	576	535	250	10,5
Axis-Q 500 4E	520	11	655	615	260	14,0
Axis-Q 550 4E	570	11	725	675	280	16,5
Axis-Q 630 4E	650	11	800	710	295	20,0
Axis-Q 250 2D	260	7	370	320	155	4,0
Axis-Q 250 4D	260	7	370	320	155	3,5
Axis-Q 300 2D	326	9	430	380	155	5,4
Axis-Q 300 4D	326	9	430	380	155	5,4
Axis-Q 350 4D	388	9	485	435	200	7,8
Axis-Q 400 4D	417	9	540	490	240	8,8
Axis-Q 450 4D	465	11	576	535	250	10,5

Specifications



■ Specifications

