Axis-QA

Axial wall fans



Use

- Supply and extract ventilation systems installed in various premises.
- Mounting in ventilation systems with low static pressure requiring high air capacity.
- Direct air extract.

Air flow:
up to 1700 m³/h
472 l/s

Power:
from 24 W

Noise level:
from 33 dBA

Design

- Compact steel casing covered with special polymer coating.
- Aluminium impeller.
- The casing is equipped with a square mounting plate and flange for easy surface wall mounting.
- The fan is equipped with a power cord and external terminal box for connection to power mains.

Motor

- Single-phase asynchronous motor with an internal rotor and an axial impeller.
- Motor with slide bearings.
- Integrated overheating protection with automatic restart.

Speed control

- Step speed control with an external auto transformer (available upon separate order).

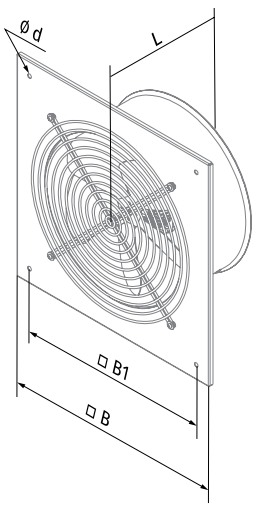
Mounting

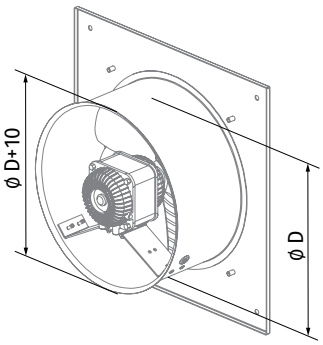
- Wall surface mounting with a square connecting frame.
- Horizontal installation with respect to air flow direction in the system.
- Power supply through an external terminal box with electric lead-in.

Designation key	
Series	**Dimension type**
Axis-QA	**150:** branch pipe ∅ 162 mm **200:** branch pipe ∅ 208 mm **250:** branch pipe ∅ 262 mm **315:** branch pipe ∅ 312/315 mm

Dimensions [mm]

Type	∅ D	∅ d	B	B1	L	Weight [kg]
Axis-QA 150	162	7	250	210	120	2.10
Axis-QA 200	208	7	312	260	120	2.82
Axis-QA 250	262	7	370	320	140	4.88
Axis-QA 315	312	9	430	380	170	5.46





Accessories
Speed controllers



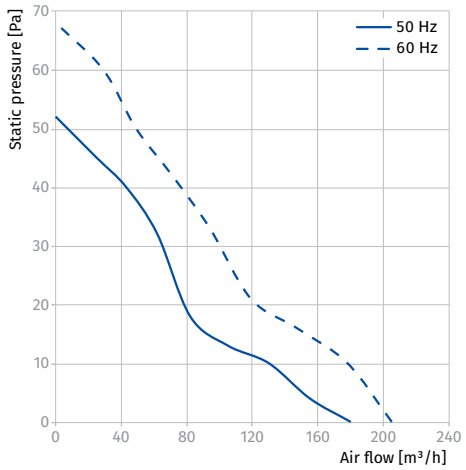
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Technical data

Parameters	Axis-QA 150		Axis-QA 200		Axis-QA 250		Axis-QA 315	
Voltage [V]	1 ~ 220-240		1 ~ 220-240		1 ~ 220-240		1 ~ 220-240	
Frequency [Hz]	50	60	50	60	50	60	50	60
Power [W]	26	24	33	36	68	76	110	104
Current [A]	0.19	0.17	0.23	0.23	0.48	0.51	0.75	0.7
Maximum air flow [m³/h (l/s)]	180 (50)	205 (57)	390 (108)	450 (125)	1070 (297)	1050 (292)	1700 (472)	1650 (458)
RPM [min⁻¹]	1432	1590	1410	1654	1300	1450	1300	1365
Sound pressure at 3 m [dBA]	33	33	33	33	37	37	42	43
Max. transported air temperature [°C]	-30 ... +40		-30 ... +40		-30 ... +40		-30 ... +40	
IP rating	IPX4		IPX4		IPX4		IPX4	
Motor IP rating	IP44		IP44		IP44		IP44	

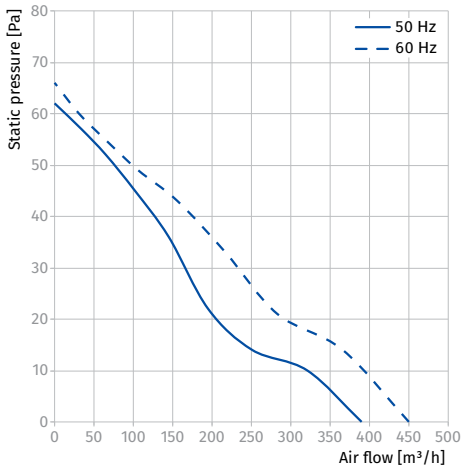
AXIS-QA 150

Sound power level, A-weighted	Total	Octave frequency bands [Hz]								LpA 3 m	LpA 1 m
		63	125	250	500	1000	2000	4000	8000		
L_{WA} to environment [dBA]	**54**	22	35	39	45	49	49	45	39	**33**	**43**



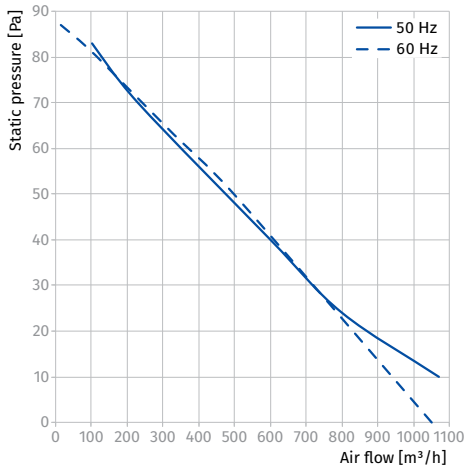
AXIS-QA 200

Sound power level, A-weighted	Total	Octave frequency bands [Hz]								LpA 3 m	LpA 1 m
		63	125	250	500	1000	2000	4000	8000		
L_{WA} to environment [dBA]	**53**	22	34	38	44	48	48	44	38	**32**	**42**



AXIS-QA 250

Sound power level, A-weighted	Total	Octave frequency bands [Hz]								LpA 3 m	LpA 1 m
		63	125	250	500	1000	2000	4000	8000		
L_{WA} to environment [dBA]	**58**	24	38	42	48	53	53	48	42	**37**	**47**



AXIS-QA 315

Sound power level, A-weighted	Total	Octave frequency bands [Hz]								LpA 3 m	LpA 1 m
		63	125	250	500	1000	2000	4000	8000		
L_{WA} to environment [dBA]	**62**	39	49	44	50	56	49	42	60	**42**	**52**

