

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 26 W



Noise level:
from 31 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

- 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.
- 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 ø 162 mm
	200 – branch pipe ø 208 mm
	250 – branch pipe ø 262 mm
	315 – branch pipe ø 312/315 mm

Overall dimensions [mm]

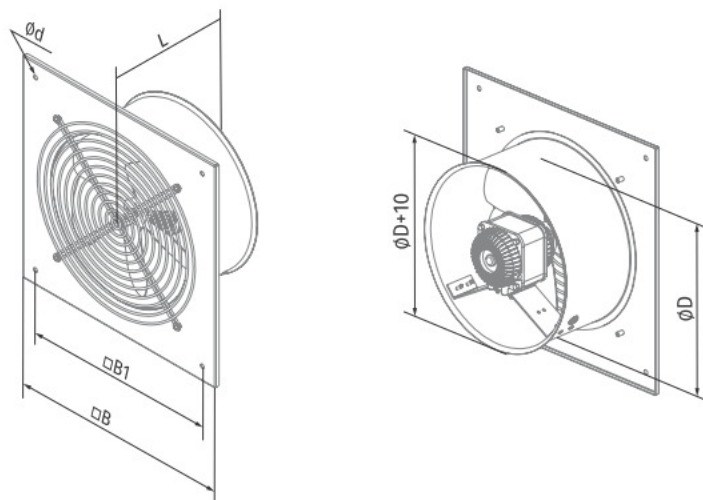
Type	ØD	Ød	B	B1	L	Weight [kg]
Axis-QA 150	162	7	250	210	120	2.10
Axis-QA 200	208	7	312	260	120	2.82
Axis-QA 250	262	7	370	320	140	4.88
Axis-QA 315	312	9	430	380	170	5.46

Accessories

Speed controller



CDT E1.8

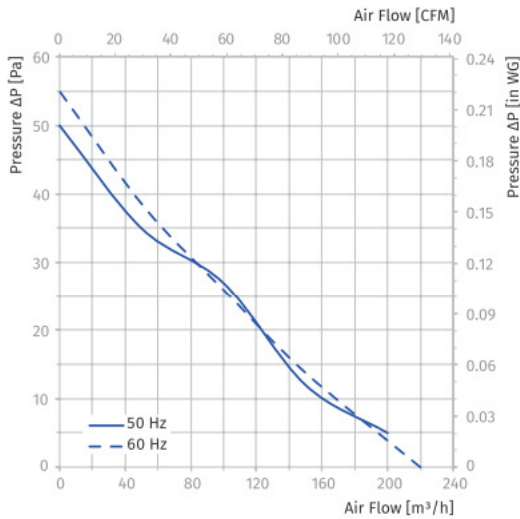


Technical data

Parameters	Axis-QA 150		Axis-QA 200		Axis-QA 250		Axis-QA 315	
Voltage [V]	230		230		230		230	
Frequency [Hz]	50	60	50	60	50	60	50	60
Power [W]	36	26	43	33	68	76	110	104
Current [A]	0.26	0.26	0.28	0.21	0.48	0.51	0.75	0.7
Maximum air flow [m³/h (l/s)]	200 (56)	205 (57)	405 (113)	470 (131)	1070 (297)	1050 (292)	1700 (472)	1650 (458)
RPM [min ⁻¹]	1300	1590	1300	1615	1300	1450	1300	1365
Sound pressure at 3 m [dBA]	33	34	32	31	48	48	54	54
Max. transported air temperature [°C]	40	40	40	40	40	40	40	40
SEC class	-		-		-		-	
Ingress protection rating	IP24		IP24		IP24		IP24	
Motor IP rating	IP44		IP44		IP44		IP44	
ErP	-		-		-		-	

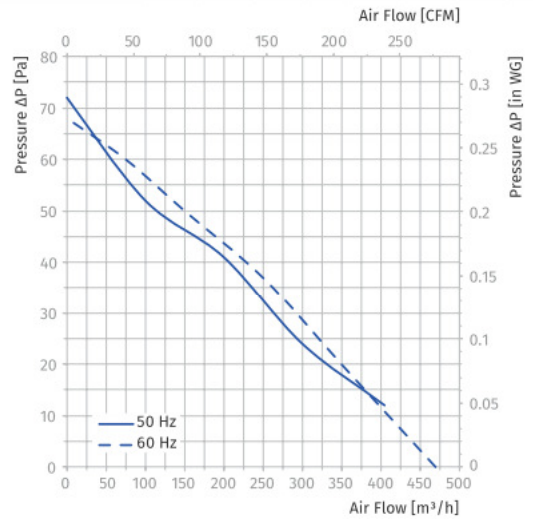
AXIS-QA 150

Sound power level, A-weighted	Octave frequency bands [Hz]								
	Gen.	63	125	250	500	1000	2000	4000	8000
L _{WA} to environment [dBA]	46	47	56	45	35	30	31	31	20



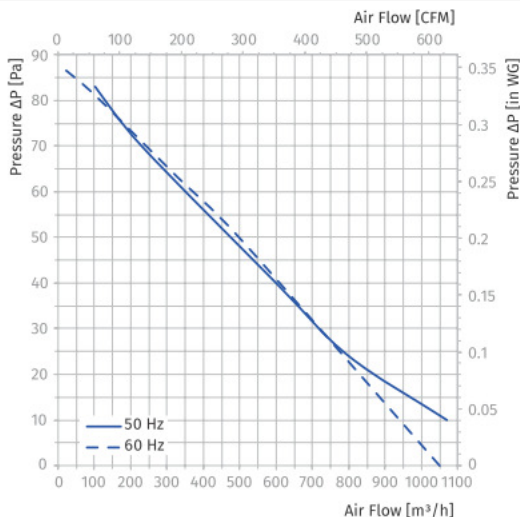
AXIS-QA 200

Sound power level, A-weighted	Octave frequency bands [Hz]								
	Gen.	63	125	250	500	1000	2000	4000	8000
L _{WA} to environment [dBA]	53	55	63	56	44	42	36	30	15



AXIS-QA 250

Sound power level, A-weighted	Octave frequency bands [Hz]								
	Gen.	63	125	250	500	1000	2000	4000	8000
L _{WA} to environment [dBA]	59	61	70	60	43	46	41	34	19



AXIS-QA 315

Sound power level, A-weighted	Octave frequency bands [Hz]								
	Gen.	63	125	250	500	1000	2000	4000	8000
L _{WA} to environment [dBA]	62	65	67	58	45	51	48	41	30

