

AXUS RUN & STANDBY AXIAL FANS

GUARANTEED VENTILATION FOR
HIGH TEMPERATURE APPLICATIONS.



BENEFITS

GUARANTEED EMERGENCY VENTILATION

Run and standby fan ensures emergency ventilation in the case of fan failure.

HIGH PERFORMANCE

Developed to provide optimum performance for each case size.

16 Case diameters 315 - 1600mm.

Airflow - up to 45m³/s.

Static pressure - up to 780 Pa.

Operating temperature, 300°C for 2 hours,

400°C for 2 hours.

HIGH TEMPERATURE

Units are suitable for smoke reservoir and non smoke reservoir applications - EN 12101-3 2015.

Units are dual purpose for day to day plus 'one off' emergency use.

TESTED TO THE HIGHEST STANDARDS

Air performance to BS848 (part 1) 2007 and ISO5801 (Part 1) 2007.

ACOUSTIC PERFORMANCE

AMCA300.

FLEXIBLE SOLUTION

Units can be installed at any angle.

MATCHING ATTENUATORS & ANCILLARIES

AV mounts, flexible connectors, mounting Brackets, Matching Flanges, Inlet Cones, Guard, backdraught damper.

AVAILABLE OPTIONS

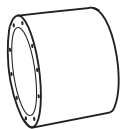
AXUS units suitable for two speed operation (full and half speed). AXUS units available with access doors suitable for cleaning and observation.

WARRANTY

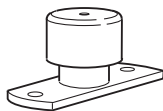
Axus Run and Standby have a 3 year warranty.

Units suitable for continuous operation at temperatures up to 60°C and a 1 off operation in smoke mode.

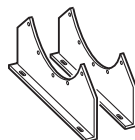
MATCHING ANCILLARIES



Attenuators - Standard and Long options available.



Anti Vibration Mounts



Mounting Brackets.



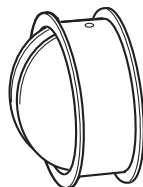
Flexible Connectors.



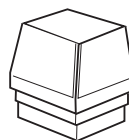
Matching Flanges.



Inlet Cones.



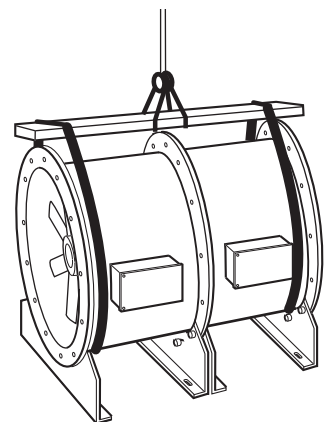
Anti-backdraft Damper.



Arc Cowl.

See page 360 for further details on ancillaries.

LIFTING METHOD



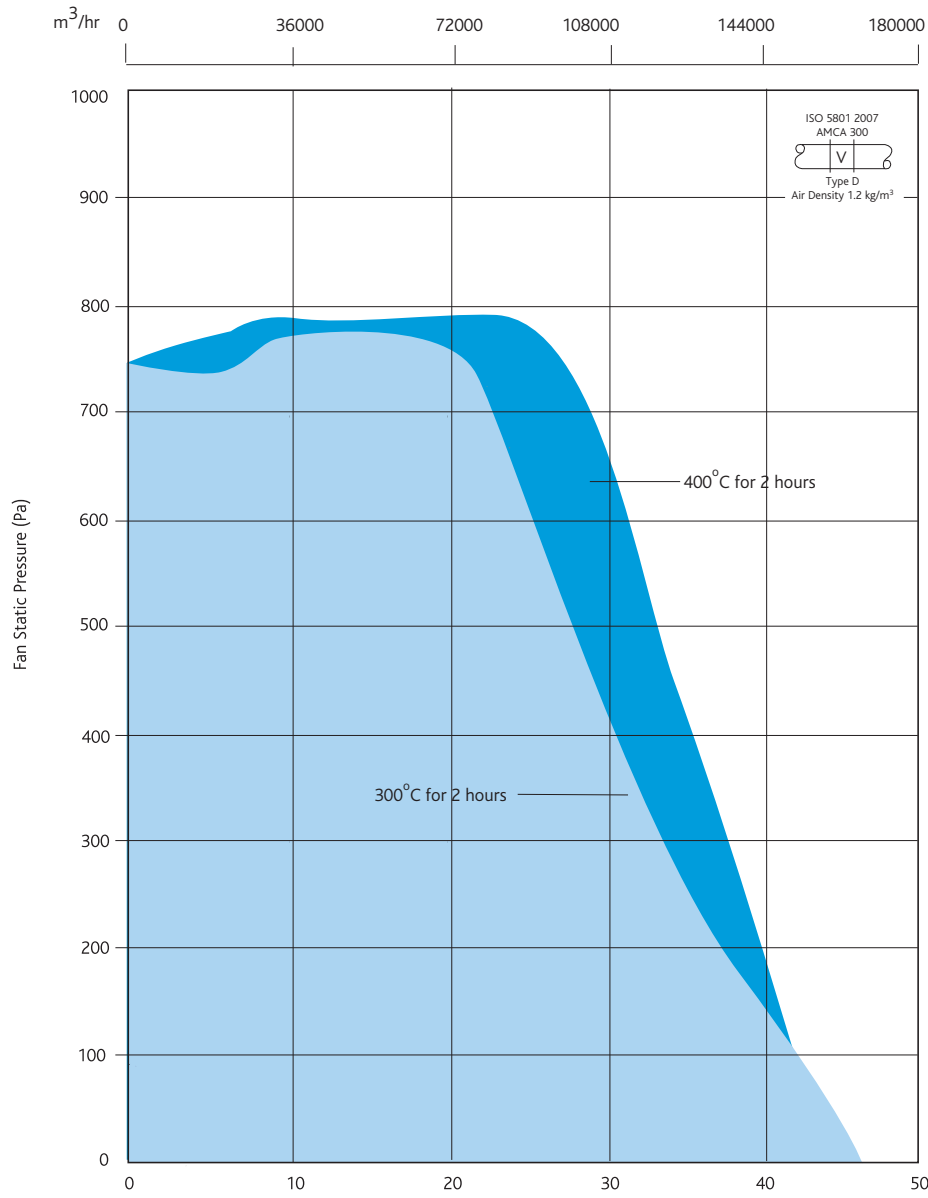
See installation & maintenance documents for full details.

SMOKE FANS

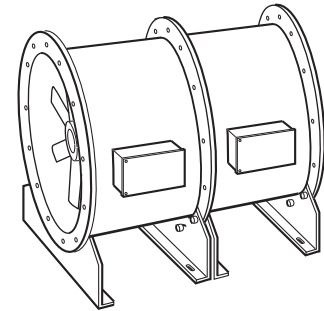
AXUS RUN & STANDBY AXIAL FANS

TECHNICAL INFORMATION

PERFORMANCE - AXUS HIGH TEMPERATURE RUN & STANDBY FANS



Casing



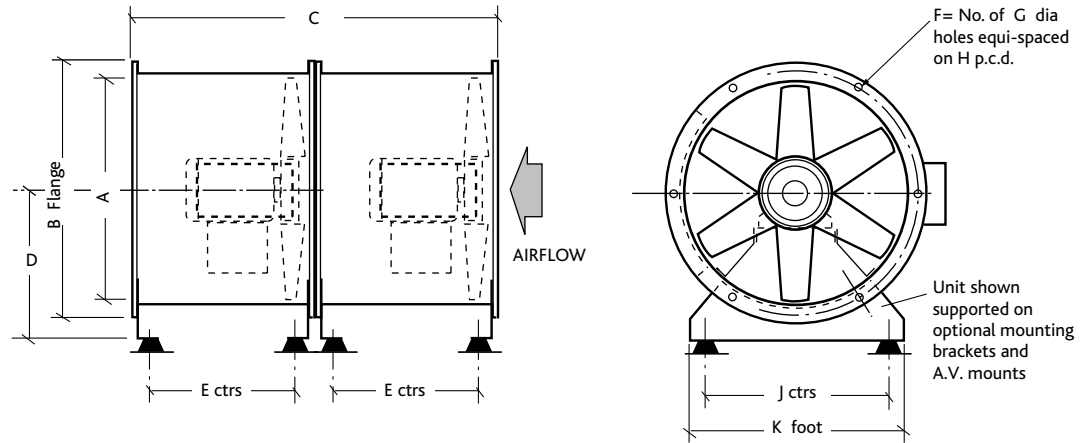
Code descriptions

AXT 100 AA - 4 1 3 A 7 T

1 2 3 4 5 6 7 8 9

1. Axus Run & Standby axial
2. Case diameter in cm
3. Impeller specification reference
4. Motor speed in poles
5. Impeller blade angle reference
6. Electrical supply in phase
3 = 400V, 50Hz three phase
7. Impeller material
A = Aluminium
S = Steel
8. Operating Temperature
7 = 300°C for 2 hours
8 = 400°C for 2 hours
9. Other options (combinations possible)
T = Two speed (full and half)
Z = Access Door
T6 = Full and 2/3rds

DIMENSIONS - AXUS HIGH TEMPERATURE RUN & STANDBY FANS



DIMENSIONS (mm)

Code	Frame	A	B	C	D	E	F	G	H	J	K
AXT31	63-71	315	400	730	210	620	8	12	355	220	270
AXT35	63-90	350	430	760	240	620	8	12	395	250	300
AXT40	63-100	400	490	880	270	810	8	12	450	290	340
AXT45	63-112	450	540	900	300	800	8	12	500	330	380
AXT50	63-112	500	608	930	340	800	12	12	560	380	430
AXT50	132	500	608	1230	340	1120	12	12	560	380	430
AXT56	71-100	560	670	880	370	800	12	12	620	420	470
AXT56	132	560	670	1230	370	1120	12	12	620	420	470
AXT63	63-112	630	740	960	430	800	12	12	690	500	550
AXT63	132-180	630	740	1200	430	1120	12	12	690	500	550
AXT71	80-112	710	814	910	470	800	16	12	770	540	600
AXT71	132	710	814	1400	470	1320	16	12	770	540	600
AXT80	80-112	800	910	880	540	800	16	12	860	590	650
AXT80	132-160	800	910	1680	540	1320	16	12	860	590	650
AXT90	90-180	900	1016	1480	600	1400	16	15	970	670	750
AXT100	90-180	1000	1128	1480	670	1370	16	15	1070	770	850
AXT100	200	1000	1128	1700	670	1590	16	15	1070	770	850
AXT112	100-160	1120	1240	1460	750	1350	20	15	1190	870	950
AXT112	180-200	1120	1240	1730	750	1620	20	15	1190	870	950
AXT112	225-250	1120	1240	2020	750	1910	20	15	1190	870	950
AXT125	100-200	1250	1365	1730	830	1620	20	15	1320	920	1000
AXT125	225-280	1250	1365	2020	830	1910	20	15	1320	920	1000

For unit weights and pressure drops above 2500 pascals, please call our technical team on 029 2085 8200.
 1800 & 2000 are available with standard motors (ambient 55°C).
 Unit sizes 1400 - 1600mm call Nuair for details.