



ARMO-JP

By providing jet flow in the outlet of the device, they are high temperature resistant fans which add toxic gases around the flow line to their own flow area and give momentum to the toxic gases and thus direct them to the exhaust points.

General Features

EN 12101-3 and CE certificates,
 Motor and fan system are coupled to the muffler system,
 It can operate continuously for 2 hours at 400°C and 300°C,
 Products with diameters of 315, 355 and 400 mm,
 Special deflector design,
 Has an aesthetic appearance.

Rotor Features

Fire resistant aluminum alloy casting blades and fan hub.
 Ability to work in single direction and double-gauge.
 In the case of reversible wing type, it is not subject to any loss of aerodynamic loss.
 The wings are aerofoil-shaped and have high aerodynamic performance in both unidirectional and bi-directional fins.
 The fan part of the fan is dynamically balanced according to ISO 1940 and there is no eccentricity during fan operation.
 Specially designed fan hub.

Body Features

Compact design with convenient and easy installation.

Motor Features

It has 2 and 4 pole motor options.
 Motors are in IP55 class and Class H insulation.

Fan Inlet Cone

Special design fan inlet cone for minimizing noise levels to a minimum by maximizing aerodynamic characteristics and performance.

Stator

It has a special design status to minimize sound levels by maximizing aerodynamic characteristics and performance.

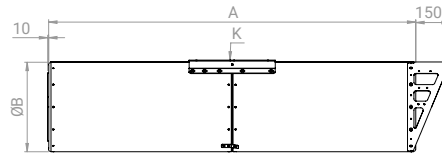
Input Cone

It has a special design inlet cone for minimizing the sound levels by minimizing the aerodynamic characteristics and performance.

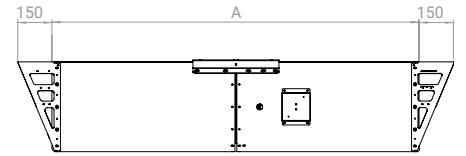
Nominal parameters

Measured thrust	F_{MAX}	45/11.3 N
Nominal flow rate	Q	6900/3450 m ³ /h
Nominal speed	n_{MAX}	2900/1435 rpm
Nominal voltage	I_{NOM}	400 V
Number of phases	~	3
Nominal frequency	f_{NOM}	50 Hz
Duct diameter	Ø	355 mm
Unit weight	m	98 kg
Nominal motor power	P_{MOT}	1.1/0.25 kW
Number of motor poles	p	2/4
Nominal current	I_{MAX}	2.2/0.55 A
Minimum operating temperature	t_{OPmin}	-20 °C
Maximum temperature of the medium at smoke removal / 2h	t_{FUM}	300 °C
Motor type		AC
Type of motor control		2-1
Motor insulation class		H
Motor protection class		IP55

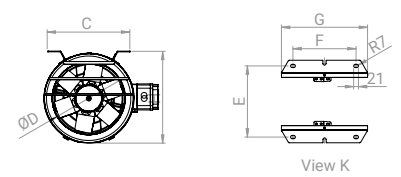
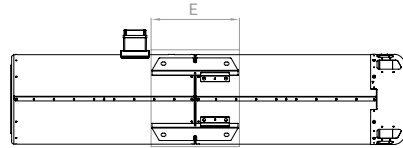
Dimensions [mm]



TEK YÖNLÜ JET FAN



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View K

A	B	C	D	E	F	G	K
1700	455	410	355	360	275	375	465

Support/Files

- <https://app.cloudair.tech/data/bvn/files/revit/ARMO-JP.rfa>
- https://app.cloudair.tech/data/bvn/files/certificate/CE_AXIALFAN_ARMO_F300_3435-CPR.pdf
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