

## HV-AIRJET AJU/AJR F300 Jetfan Series

## جت فن آکسیال F300

Jetfan (300°C / 120min), or normal  
AIRJET nominal sizes: 280, 315, 355, 400 mm  
Tested and certificated according to EN 12101-3, class F300.

### Description:

In unidirection (AJU) or reversieble (AJR) execution. Insists of an in middle situated axial - flow fan and both sides silencers in a high - sparing oval design. The interior set of fan - motor may be easaly pulled out throught the silencers. Direction of the outlet air may be regulated by using the outel - louvres. Impeller with airfoil aluminium cast alloy blades and aluminium cast alloy hub and with a taperlock hub connection on motor shaft. Pitch angle is infinitely adjustable at rest.

Impeller is dynamically balanced according to EN ISO 1940-1, balance quality class G 6.3.

Three-phase alternating current motor spicial F300 or normal motor in B3 mounting, protection type IP 55 / insulation class H or F. Motor power selested for a cold start at pure air with a density of  $\rho = 1.2 \text{ kg/m}^3$ . Optinal electrical wiring on the externally located terminal box.

AJR / AJU jetfans are tested and certificated.

According to EN 12101-3:2002 / EN 121013:2002 / AC: 2005 in classes of F200 (120) and F300 (120) temperature (time)

Performance curves are according to EN 24163 and EN ISO 5801 in a chamber testing station.

## Technical Specification

## مشخصات فنی

Nominal size D (mm)	400	355	315	280
Sizes L x M (mm)	2300 x 470	2300 x 430	2300 x 395	1800 x 320
IP protection	IP55	IP55	IP55	IP55
Weight m (kg)	70	60	50	40
Rated speed nrat. (1/min)	2890 / 1435	2855 / 1420	2900 / 1430	2900 / 1430
Rated current I <sub>rat</sub> ... (A)	5.18 / 1.66	4.28 / 1.45	3.54 / 1.27	3.57 / 1.27
Frequency f (herz)	50	50	50	50
Rated power P (kw)	2.5 / 0.65	2.0 / 0.5	1.5 / 0.4	1.5 / 0.4
Voltage U (V)	400	400	400	400
AJU Trust F (N)	83	49	24	12
AJR Trust F (N)	67	31	14	6

## Dimension

## ابعاد

Nominal sizes (mm)	∅D (mm)	A (mm)	B (mm)	C (mm)	S (mm)	T (mm)	E1 (mm)	E2 (mm)	L (mm)	I (mm)	∅d1 (mm)
280	280	404	309	320	325	190	370	275	1800	330	11
315	315	445	385	395	325	190	370	275	2300	330	11
355	355	485	420	430	355	190	370	305	2300	330	11
400	400	530	460	470	400	190	370	350	2300	330	11

Optional accessories:

- Terminal box
- Wire guard
- Guiding Vanes

