

ARDY - EX Series

Roof Type Axial
Explosion-Proof Fan



Extremely robust. multi-purpose roof-mounted extractor fans for large air flow with ATEX Certification and CEE ExII2G EX e explosion-proof. CEE ExII2G Ex d. Ex tc or Ex tb non-sparking motor for working in explosive atmospheres containing dust or gas.

FAN

- Painted galvanised sheet steel support base.
- Cast aluminium orientable rotors.
- Anti-contact protective grille pursuant to standard UNE-EN ISO 12499.
- Painted galvanised sheet steel rain cap. with natural air outlet.

MOTOR

- ATEX- Certified. Ex e explosion proof. Ex d. Ex tc or Ex tb non-sparking class F motors with ball bearings.
- Single-phase 230V-50Hz and three-phase 230/400V-50Hz and 400/690V-50Hz (powers higher than 4 Kw).
- Operating temperature -20°C + 55°C.

FINISH

- ATEX corrosion-proof with nonferric paint finish of polyester resin polymerised at 190°C previously degreased with phosphate-free nanotechnological treatment.

ON REQUEST

- Made entirely of stainless steel.
- Made of hot-dip galvanised steel
- Motors with built-in PTC.
- Special windings for different voltages and frequencies.
- ATEX construction for different categories.
- Extractor fans with 2-speed motors.
- Single-phase Ex-d non-sparking motors.

TECHNICAL SPECIFICATIONS

MODEL	MAX. AIR FLOW (m ³ /h)	WATT	SOUND (dBA)	AMPER	RPM (dk)	VOLTAGE
ARDY 31U/4.Ex	2200	0.10	71	0.22	1450	400
ARDY 35U/4.Ex	2800	0.14	73	0.28	1450	400
ARDY 40U/4.Ex	4400	0.23	75	0.46	1450	400
ARDY 45U/4.Ex	6000	0.38	76	0.80	1450	400
ARDY 50U/4.Ex	7900	0.43	77	1.07	1450	400
ARDY 56U/6.Ex	8500	0.37	73	1.00	960	400
ARDY 63U/6.Ex	11800	0.55	75	1.30	960	400

AIR FLOW PERFORMANCE DATA

MODEL	AIR FLOW PERFORMANCE DATA / PA / (m ³ /h)										
	0	10	20	30	40	50	60	70	80	90	100
ARDY 31U/4.Ex	2200	2100	2000	1750	1500	-	-	-	-	-	-
ARDY 35U/4.Ex	2800	2600	2400	2200	2000	-	-	-	-	-	-
ARDY 40U/4.Ex	4400	4200	4000	3750	3500	3250	2800	-	-	-	-
ARDY 45U/4.Ex	6000	5800	5600	5400	5200	5000	4500	4000	3500	3000	2900
ARDY 50U/4.Ex	7900	7700	7500	7300	7100	6800	6300	5800	5100	4800	4500
ARDY 56U/6.Ex	8500	8200	7900	7450	7000	7500	6000	-	-	-	-
ARDY 63U/6.Ex	11800	11000	10500	9800	9300	8600	7000	-	-	-	-

DIMENSIONS

MODEL	DIMENSIONS/ mm			
	□A	□B	C	D
ARDY 31U/4.Ex	440	650	40	350
ARDY 35U/4.Ex	600	700	40	440
ARDY 40U/4.Ex	700	700	50	650
ARDY 45U/4.Ex	800	800	40	600
ARDY 50U/4.Ex	900	900	40	600
ARDY 56U/6.Ex	900	900	50	600
ARDY 63U/6.Ex	1000	1000	50	650

