AIR BLOWER

AP Series | Spa & Hydro-Massage

PRODUCT OVERVIEW

Corex AP series air blowers for hot tubs, hydro-massage baths, spa nozzles and large outdoor pools. The source describes low noise, long life and easy installation.



KEY FEATURES

1. **Engineering plastic casing**
   Reinforced, high-temperature-resistant construction.
2. **Class F insulation**
   Thermal protection specified for the motor.
3. **Continuous-duty life**
   Source states life of at least 1000 hours.
4. **Pneumatic control**
   Pneumatic switch control for easy operation.

AP MODEL FAMILY

400 W / 700 W / 900 W

VERSIONS	POWER	AIR VOLUME	WATER DEPTH
V1 / V2	400–900 W	1.65–2.4 m³/min	0.6–1.0 m

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Model Range & Detailed Specifications

Six models across V2 and V1 versions. Each model rating is reproduced from the original catalog table.

AP400 | V1 / V2



400 W

AP700 | V1 / V2



700 W

AP900 | V1 / V2



900 W

MODEL SPECIFICATIONS

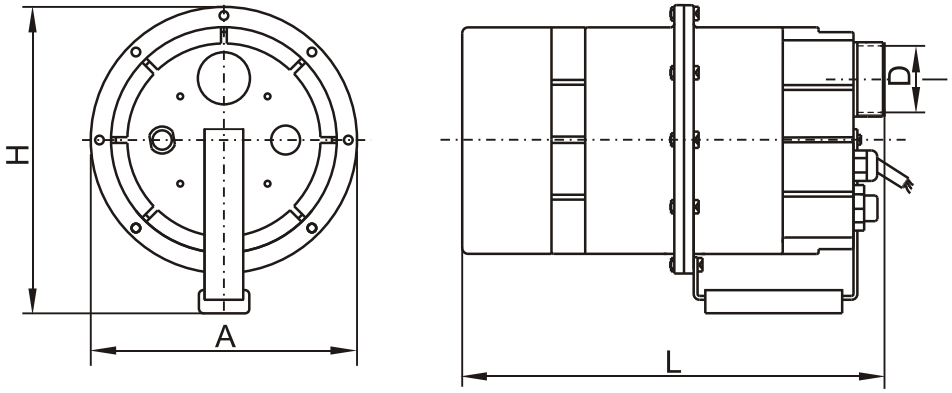
MODEL	Power W	Amps	Max pressure MPa	Air volume m³/min	Noise dB(A)	Jets qty (pc)	Water depth (m)	Weight (kg)
AP400-V2	400	2.5	0.014	1.65	<68	12~24	0.6	2.8
AP700-V2	700	3.3	0.018	2.0	<70	16~32	0.8	2.8
AP900-V2	900	4.5	0.025	2.4	<74	20~40	1.0	2.8
AP400-V1	400	2.5	0.015	1.7	<70	12~24	0.6	2.6
AP700-V1	700	3.3	0.020	2.2	<72	16~32	0.8	2.6
AP900-V1	900	4.5	0.025	2.4	<76	20~40	1.0	2.6

Water depth: recommended water depth. Noise entries retain the source “less than” values. All six models and all source table figures are included.

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Technical Data Sheet

ENGINEERING DRAWINGS



DIMENSION SYSTEM | SHAPE SIZE (mm)

MODEL GROUP	SMOOTH L	SMOOTH A	SMOOTH D	THREADED L	THREADED A	THREADED D	H
AP400/700/900-V2	276	ϕ168	ϕ32	269	ϕ168	G1½	171
AP400/700/900-V1	249	ϕ168	ϕ32	242	ϕ168	G1½	171

DRAWING & CONNECTION NOTES

Smooth outlet and threaded outlet dimensions are listed separately. The original front and side drawings retain the A, D, H and L dimension symbols.

All shape-size dimensions are in mm as stated in the source; G1½ is the source threaded-outlet designation. The source supplies no performance curve or numerical voltage / frequency rating.

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Materials of Construction & Key Benefits



CASING & MOTOR

The casing is made from reinforced, high-temperature-resistant engineering plastic.

A dedicated excitation motor is described for low-noise air-blower operation, with dedicated thermal protection (VDE or UL approval stated in the source).

Insulation class F with thermal protection from T.I.

CONSTRUCTION & CONTROL

Carbon brush
The source describes imported motor carbon-brush material.

Service life
Greater than or equal to 1000 hours (continuous duty).

Protection and operation
Fuse inside the motor; pneumatic switch control for easy operation.

SOURCE CERTIFICATION

CE
European Union mandatory safety certification.

TUV
German safety certification.

RoHS
Restriction of certain hazardous substances in electrical and electronic equipment.

Certifications and service-life statements are reproduced from the supplied catalog.

AIR BLOWER

External Exploded View & Component Identification

Supplied external component illustration. Part labels and leader lines are preserved.



Illustrative external assembly; internal construction and disassembly sequence are not verified.