



**FIRE CURTAIN
TECHNOLOGIES**

Smoke and Fire Curtains

Parking Garage Ventilation **LOW PROFILE INDUCTION FAN**

Low profile, high velocity induction fan intended to control air movement in underground parking lots and underground service areas.

Our induction fans use tunnel ventilation technology to eliminate the need for costly and bulky ductwork. Compared to ductwork systems, this may save underground-parking spaces, reduce running costs and noise, making the parking lot a lighter and less cluttered environment.



PRODUCT DATA SHEET | INDUCTION FAN

Suitable for temperatures up to 40°C continuously (S1) and 300°C for 120 minutes (S2) with build-in switch or 400°C with build-on switch. Also ambient execution possible.

Features

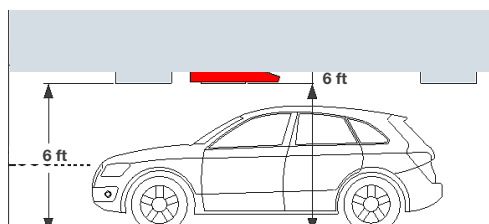
- Standard RAL coating possible
- Steel cable glands
- Backward curved impeller
- F300, F400 and Ambient execution
- Different speeds
- Low build-in height
- Balanced packaging standard on ISPM15 pallets

Advantages

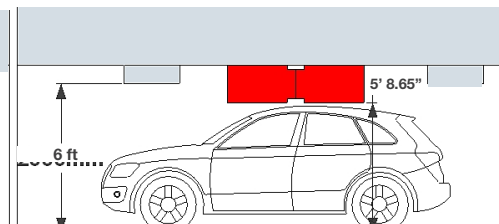
- Certified to EN 12101-3
- Total installation costs are $\pm 30\%$ lower compared to impulse parking systems
- The possibility of a lower height of the parking level (lower construction costs)
- Savings on cables and cable gutters
- Large savings on installation time
- Reduced maintenance costs
- Smaller control equipment
- Significant lower energy costs because of a lower absorbed power
- The reduced height of the units makes it possible to mount directly above parked cars or above driving lanes
- Small units with high thrust
- Lower costs of emergency power supply
- Smaller packaging reduces fees for transport and (temporary) storage
- Motor/impeller are easily accessible for maintenance



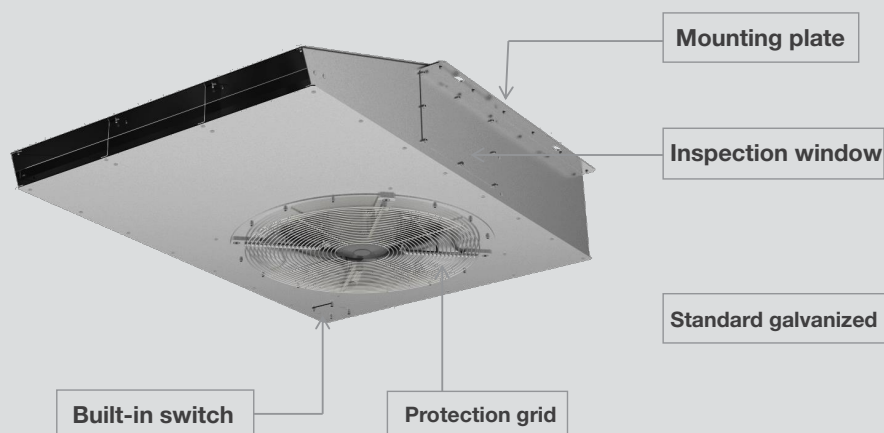
Height Comparison



Low Profile
Induction Fan



Impulse Fan



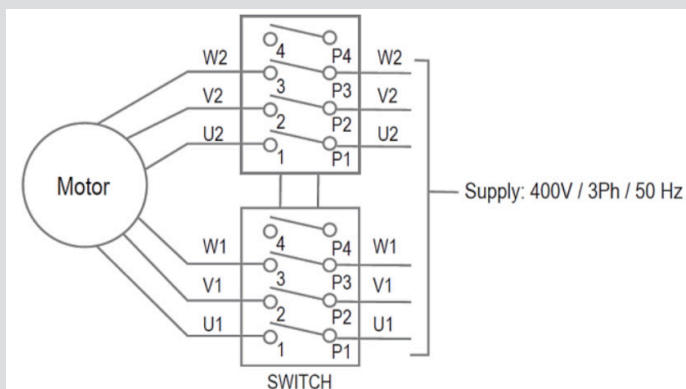
Types :

- PV 200 S2 – 20 N
- PV 220 S2 – 41 N
- PV 250 S2 – 50 N
- PV 300 S2 – 100 N
- PV 300 S – 100 N (F400)

PRODUCT DATA SHEET | INDUCTION FAN



Connection model 200 - 300



Technical Specifications

Model	Thrust (N)	Flow M ³ /h	Pm motor (kW)	Air speed (m/s)	In max (A)	Speed rpm	kg
200 S2	20 / 5	3400 / 1700	0,8 / 0,2	19,1 / 9,7	2,6 / 0,9	1400 / 700	45
220 S2	41 / 10	5200 / 2800	0,8 / 0,2	22,0 / 11,7	2,6 / 0,9	1400 / 700	70
250 S2	50 / 13	5800 / 2900	1,2 / 0,3	25,4 / 12,7	3,3 / 1,5	1400 / 700	75
300 S2	100 / 25	8800 / 4300	2,2 / 0,55	32,6 / 16,1	5,6 / 2,2	1400 / 700	99
ECP 150*	7.5	N/A	0,25	20,2	1,1	2750	12,5

* Can supply units that operate on: 460 V / 3 Ph / 60 Hz

Low speed

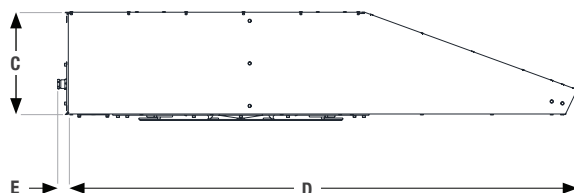
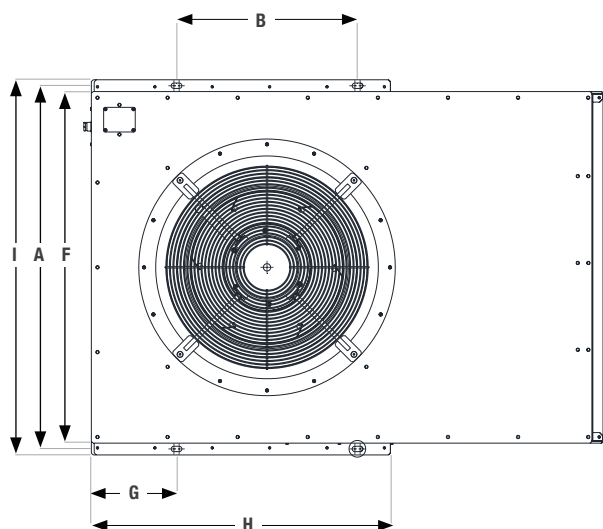
Supply: 400 V / 3Ph / 50 Hz

High speed

Supply: U2, V2, W2

Link: U1, V1, W1

P4 - 4: Free connection



Dimensions

Model	A	B	C	D	E	F	G	H	I
200 S2	643	338	227	927	25	610	136	521	677
220 S2	863	458	221	1206	25	830	186	705	900
250 S2	870	515	250	1206	25	830	186	740	900
300 S2	1030	460	305	1450	25	1000	240	850	1070
300 S	1074	578	314	1907	-	1000	216	830	1124
ECP 150	373	220	158	697	25	360	84,5	380	407