



Smoke and Fire Curtains

LOW PROFILE TWIN INDUCTION FAN

Parking Garage Fan for Ambient use

Twin Induction Parking Fan with two parallel integrated high efficient, low noise, backward curved centrifugal impellers direct driven by EC, 230/1/50, built-in motors.

The fans are suitable for day-to-day ventilation, CO monitoring and cold smoke extraction in underground parkings with low ceilings,

where compact and strong induction fans are required.

The use of integrated green EC technology keeps the installation and operation low-cost. The fan motors can be controlled by an external 0-10V signal or used direct online.

Low profile induction parking fan with double impeller/motor combination with EC technology.

Suitable for temperatures up to 50°C continuously (S1). Double speed and single speed with AC motors.

Features

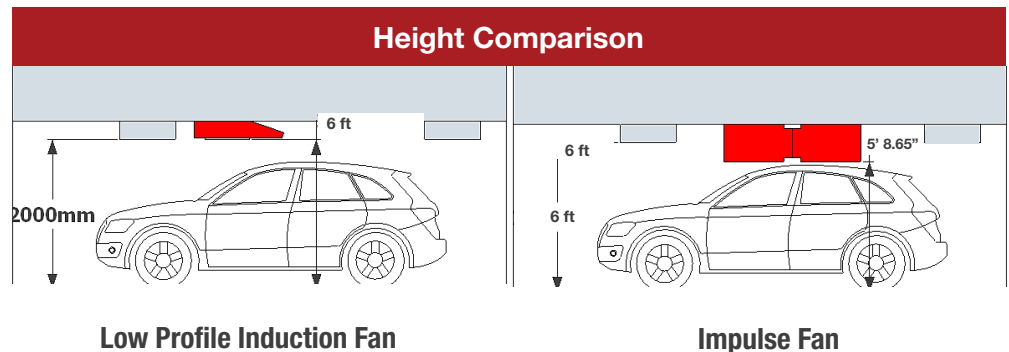
- Standard RAL coating possible
- Backward curved impeller(s)
- Easily control with EC technology
- Energy saving by EC motor
- Low build-in height
- Balanced packaging standard on ISPM15 pallets

Types :

- PV 200 A2 – 20 N
- PV 220 A2 – 41 N
- PV 250 A2 – 50 N
- PV 300 A2 – 100 N

Advantages

- Certified to EN 12101-3
- Total installation costs are 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
- Big savings on installation time
- Reduced maintenance costs
- Smaller control equipment
- Significantly lower energy costs due to lower absorbed power
- The reduced height of the units allows mounting 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



Green EC technology for low-cost installation and operation. Easily connection and control.

Types :

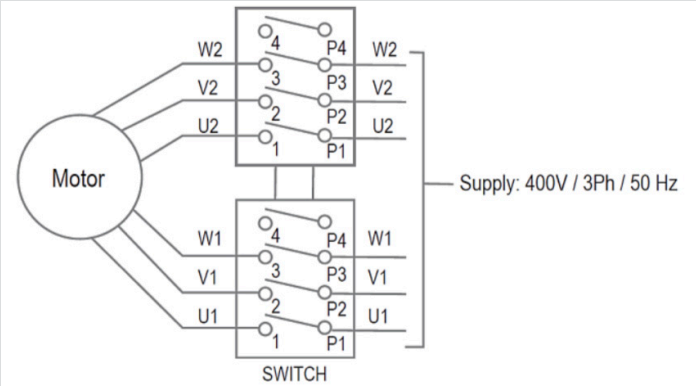
- EC-PV 125 A – 7N** Single impeller
- EC-PV 120 A – 12N** Double impeller

PRODUCT DATA SHEET | LOW PROFILE TWIN INDUCTION FAN



Standard galvanized

Connection model 200 - 300



* 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

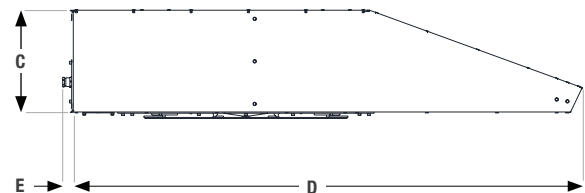
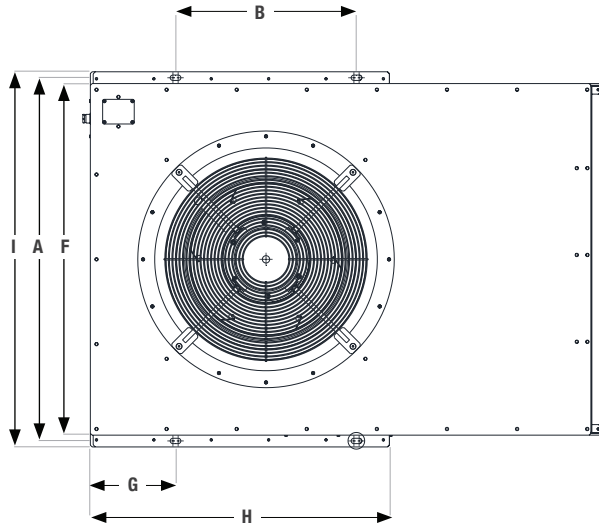
Link: U1, V1, W1

P4 - 4: Free connection

Technical Specifications

Model	Thrust (N)	Pm motor (kW)	Air speed (m/s)	In max (A)	Speed rpm	kg
200 A2/S2	20 / 5	0,8 / 0,2	19,1 / 9,7	2,6 / 0,9	1400 / 700	45
220 A2/S2	41 / 10	0,8 / 0,2	22,0 / 11,7	2,6 / 0,9	1400 / 700	70
250 A2/S2	50 / 13	1,2 / 0,3	25,4 / 12,7	3,3 / 1,5	1400 / 700	75
300 A2/S2	100 / 25	2,2 / 0,55	32,6 / 16,1	5,6 / 2,2	1400 / 700	99

EC-PV 125 A*	7	0,17	18	1,4	2510	12,5
EC-PV 120 A*	12	0,34	14	2,8	2510	15



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