

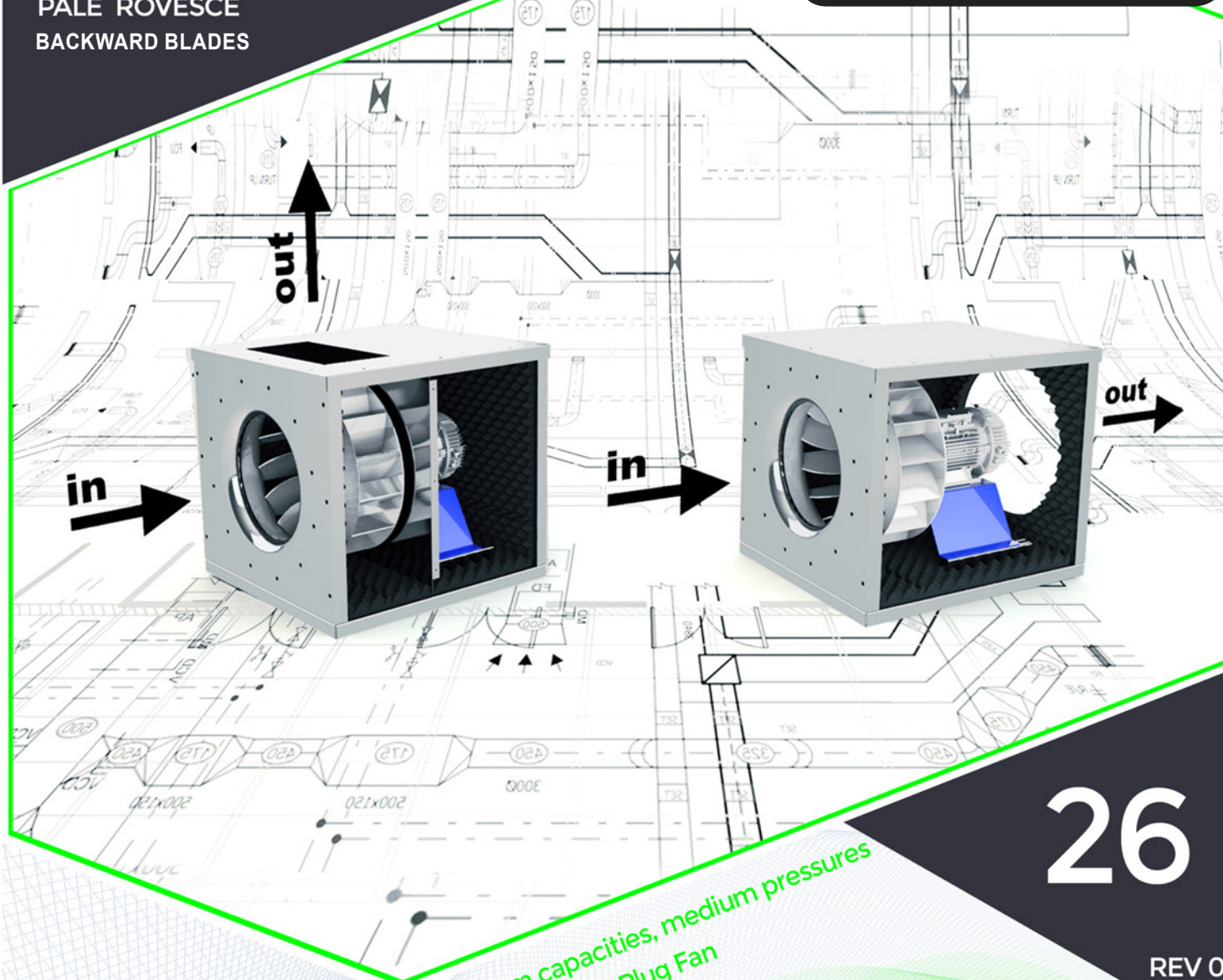
SERIE **PLAY FUN**

PALE ROVESCE
BACKWARD BLADES

TECHVITAS

POLSKA

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Medium capacities, medium pressures
Plug Fan

26

REV 0

VENTILATORI CENTRIFUGHI
CENTRIFUGAL FANS

VENTILATORI ASSIALI
AXIAL FANS

VALVOLE STELLARI
ROTARY VALVES



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Plug Fan - Portate medie, prevalenze medie



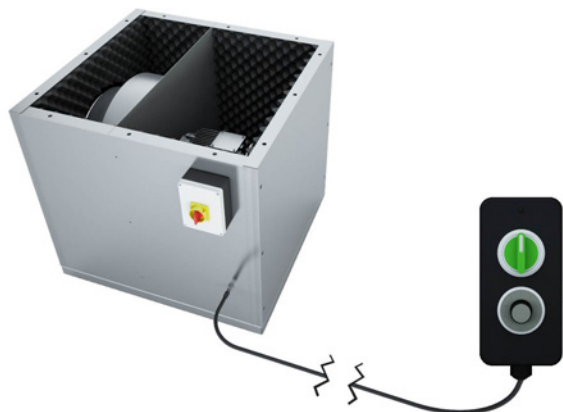
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Box con ventilatore plug fan con due versioni di comando:
Box with plug fan with two control versions:

Comando analogico.
Analog control.



Comando digitale.
Digital control.



Pronto per industria 4.0 e 5.0 / Ready for industry 4.0 and 5.0

Caratteristiche / Features

- Motori Brushless con azionamento integrato fino a 3 kW.
- Motori Brushless con azionamento esterno fino a 22 kW.
- Bassa rumorosità, dimensioni ridotte, prevalenze superiori allo standard, Modbus RTU.
- Campo di lavoro dinamico più esteso 0-1850rpm/0-3600rpm.
- Brushless motors with integrated drive up to 3 kW.
- Brushless motors with external drive up to 22 kW.
- Low noise, small size, head higher than standard, Modbus RTU.
- Wider dynamic working range 0-1850rpm/0-3600rpm.

Opzioni / Options

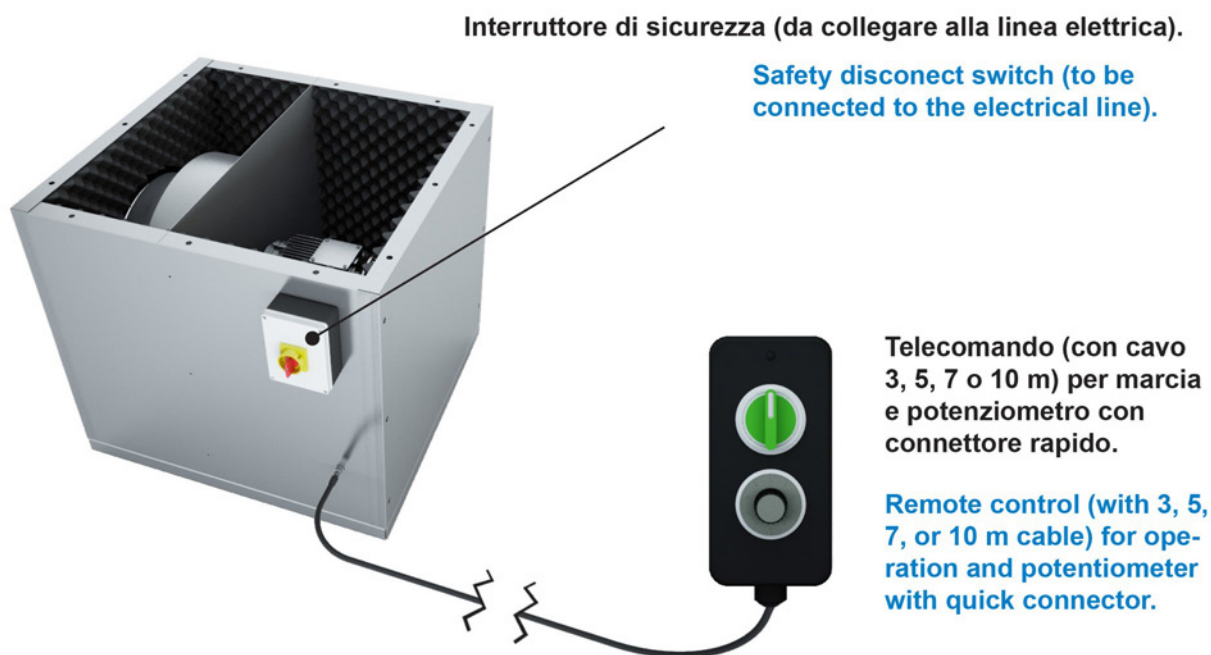
- Comando remoto marcia/arresto e velocità.
- Display touchscreen.
- Remote start/stop and speed control.
- Display touchscreen.



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Caratteristiche versione analogica / Analog version features



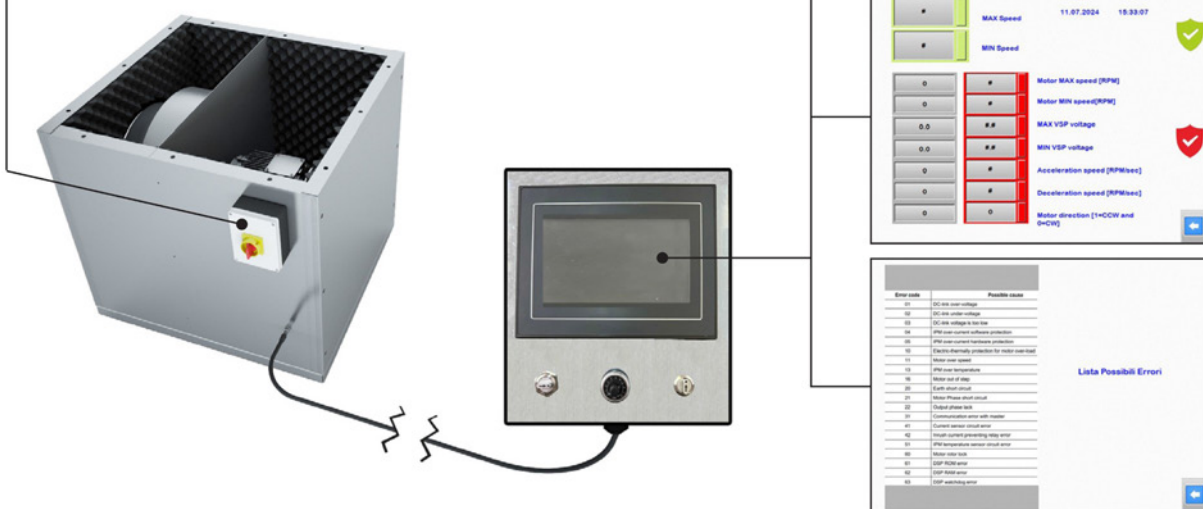
Caratteristiche versione digitale / Digital version features

Opzioni / Options:

- Controllo pressione/portata
- Pressure/flow rate control
- PID
- MODBUS

Interruttore di sicurezza (da collegare alla linea elettrica).

Safety disconnect switch (to be connected to the electrical line).





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PLAY FUN

Codifica del prodotto / Product coding

PLF 310 RB S A



■ Modello ventilatore / Fan model

- Play Fun = PLF

■ Taglia ventilatore / Fan size

- 310 ÷ 560

■ Tipologia girante / Type of impeller

- RB = aria pulita / clean air
- RA = aria con fumo e polveri fini / air with smoke and fine dust

■ Posizione uscita / Discharge position

- S = funzionamento radiale con uscita in alto / radial operation with discharge at the top
- L = funzionamento radiale con uscita in laterale / radial operation with lateral discharge
- X = funzionamento assiale con uscita in linea / axial operation with in-line discharge

■ Tipo di comando / Type of command

- A = comando analogico / analog control
- D = comando digitale / digital control



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PLF 310 RB

Dimensioni d'ingombro e posizione uscita / Overall dimensions and discharge position

Modello / Model	A	B	C	øD
PLF 310 RB	500	600	550	320

Posizione uscita / Discharge position

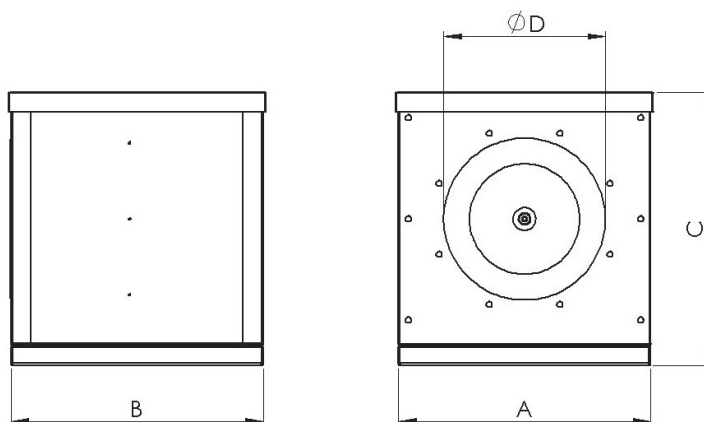
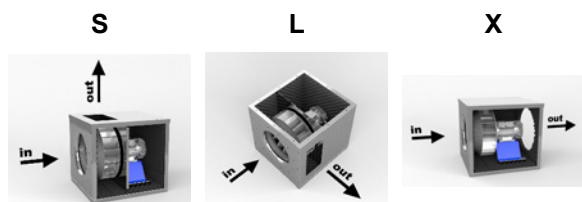
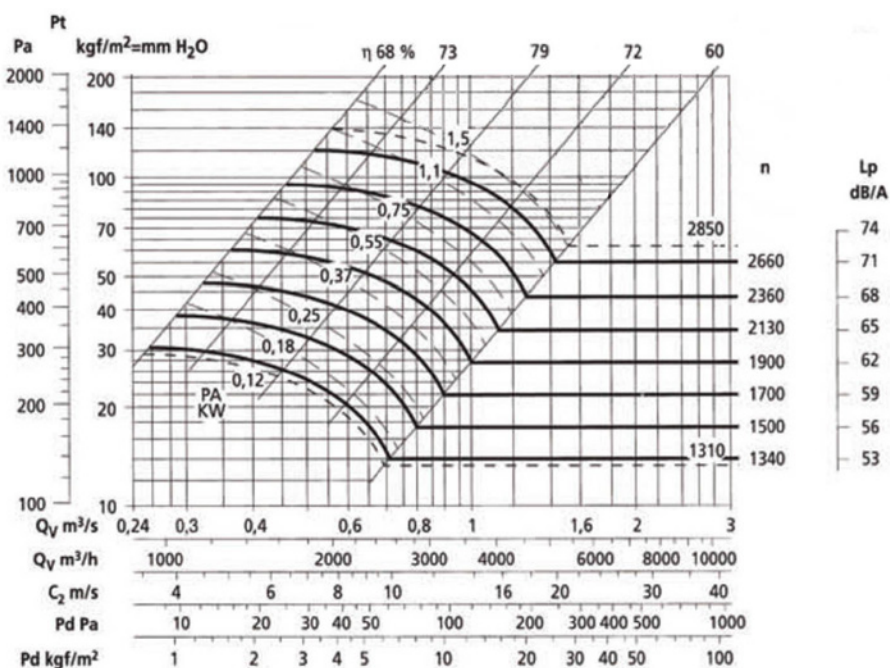


Grafico prestazioni / Performance graph PLF 310 RB

Grafico riferito ad aria a 15°C
Graph referring to air at 15°C

Tolleranza potenza assorbita ±3%
Absorbed power tolerance ±3%

Tolleranza sulla rumorosità ±3dB
Noise tolerance ±3dB





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PLF 350 RB

Dimensioni d'ingombro e posizione uscita / Overall dimensions and discharge position

Modello / Model	A	B	C	øD
PLF 350 RB	500	600	550	360

Posizione uscita / Discharge position

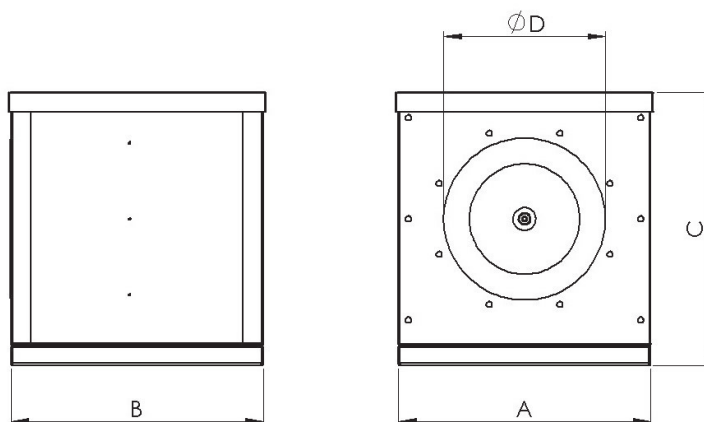
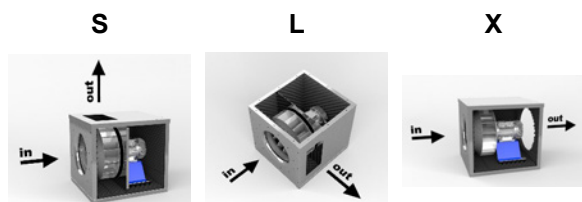
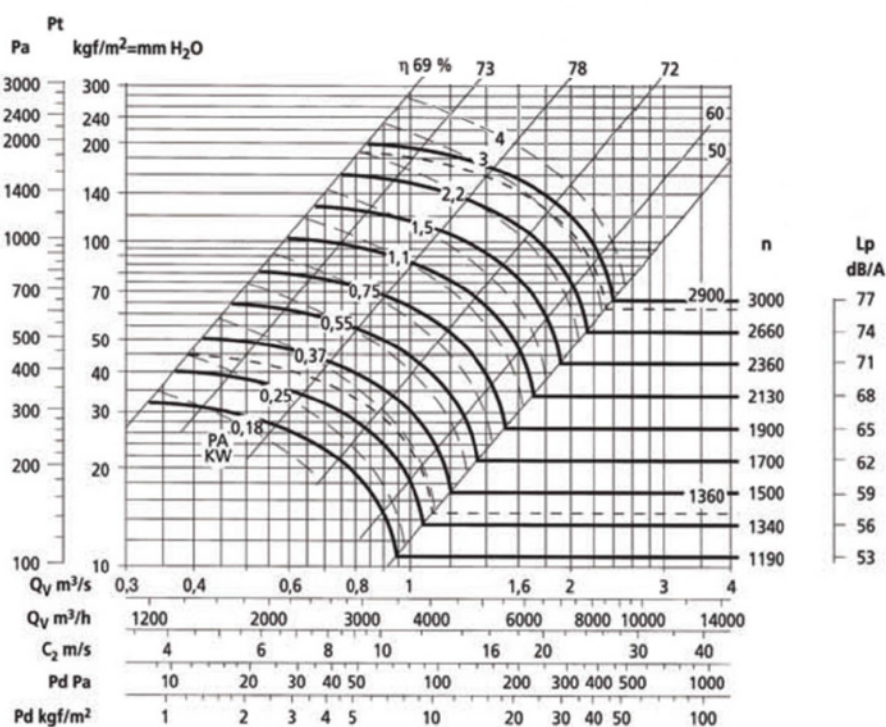


Grafico prestazioni / Performance graph PLF 350 RB

Grafico riferito ad aria a 15°C
Graph referring to air at 15°C

Tolleranza potenza assorbita ±3%
Absorbed power tolerance ±3%

Tolleranza sulla rumorosità ±3dB
Noise tolerance ±3dB





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PLF 400 RB

Dimensioni d'ingombro e posizione uscita / Overall dimensions and discharge position

Modello / Model	A	B	C	øD
PLF 400 RB	650	700	650	405

Posizione uscita / Discharge position

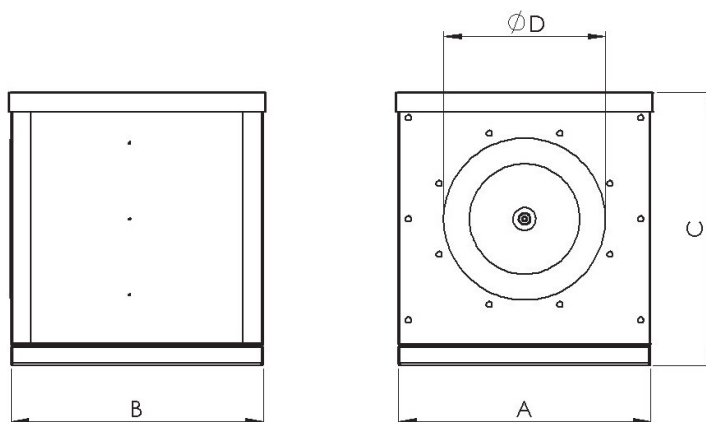
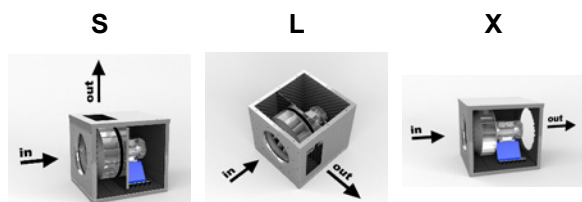
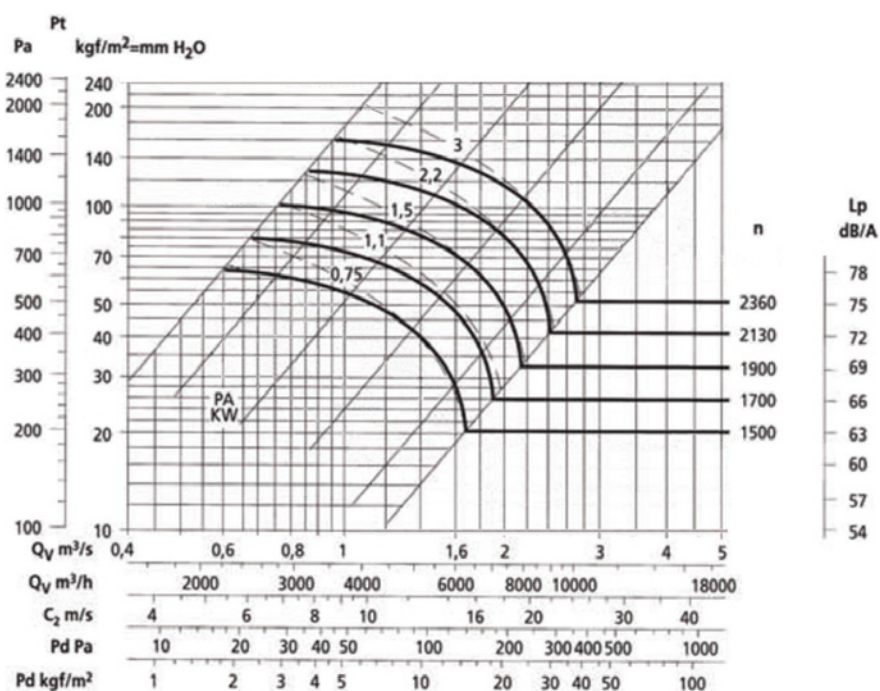


Grafico prestazioni / Performance graph PLF 400 RB

Grafico riferito ad aria a 15°C
Graph referring to air at 15°C

Tolleranza potenza assorbita ±3%
Absorbed power tolerance ±3%

Tolleranza sulla rumorosità ±3dB
Noise tolerance ±3dB





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PLF 450 RB

Dimensioni d'ingombro e posizione uscita / Overall dimensions and discharge position

Modello / Model	A	B	C	øD
PLF 450 RB	650	700	650	455

Posizione uscita / Discharge position

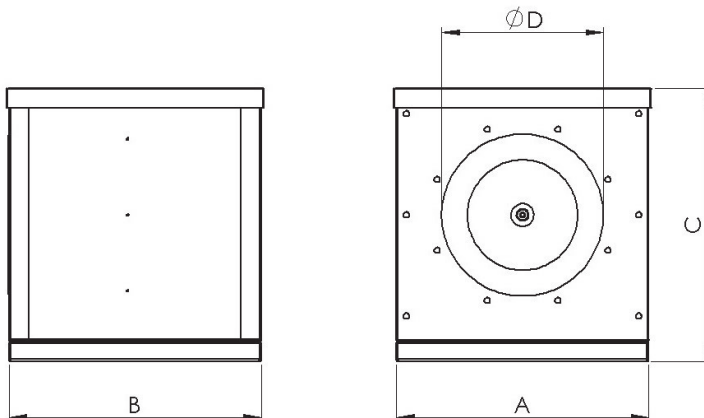
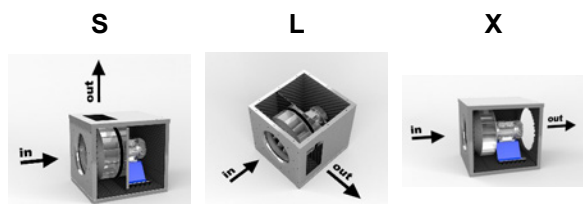
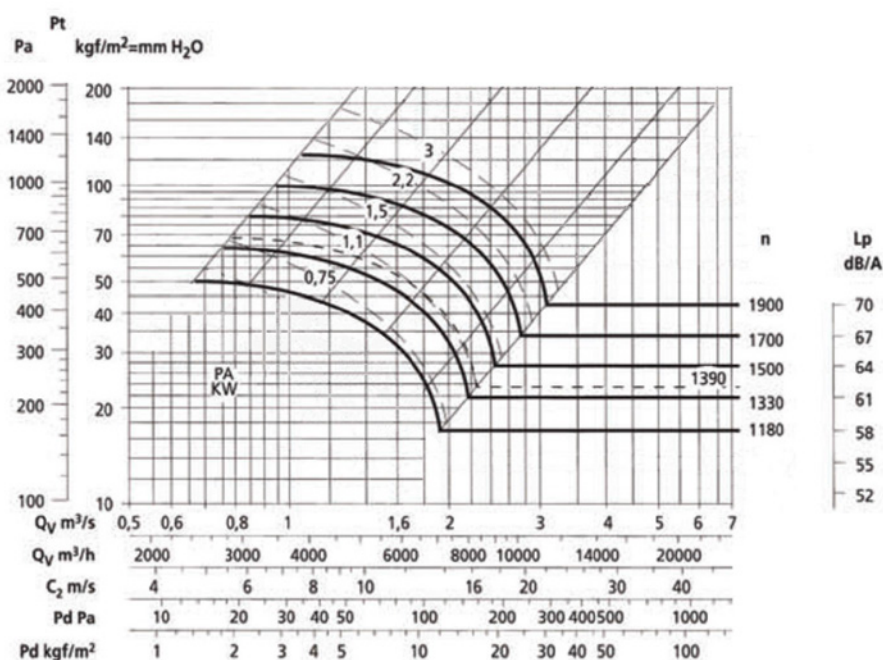


Grafico prestazioni / Performance graph PLF 450 RB

Grafico riferito ad aria a 15°C
Graph referring to air at 15°C

Tolleranza potenza assorbita ±3%
Absorbed power tolerance ±3%

Tolleranza sulla rumorosità ±3dB
Noise tolerance ±3dB





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PLF 500 RB

Dimensioni d'ingombro e posizione uscita / Overall dimensions and discharge position

Modello / Model	A	B	C	øD
PLF 500 RB	700	750	700	505

Posizione uscita / Discharge position

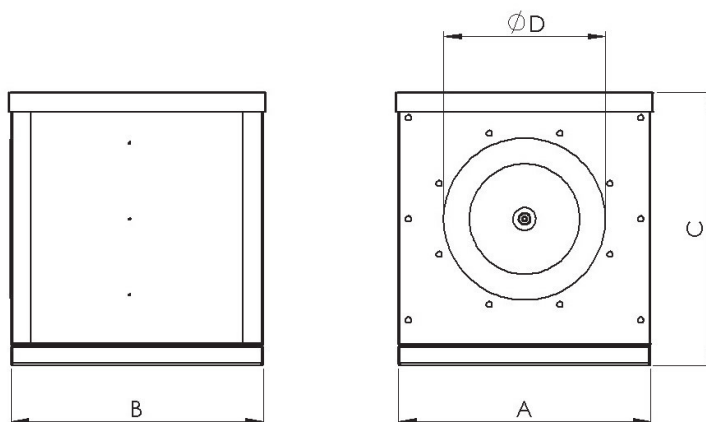
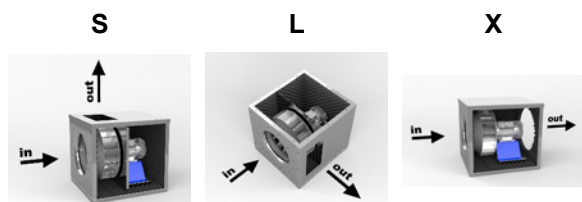
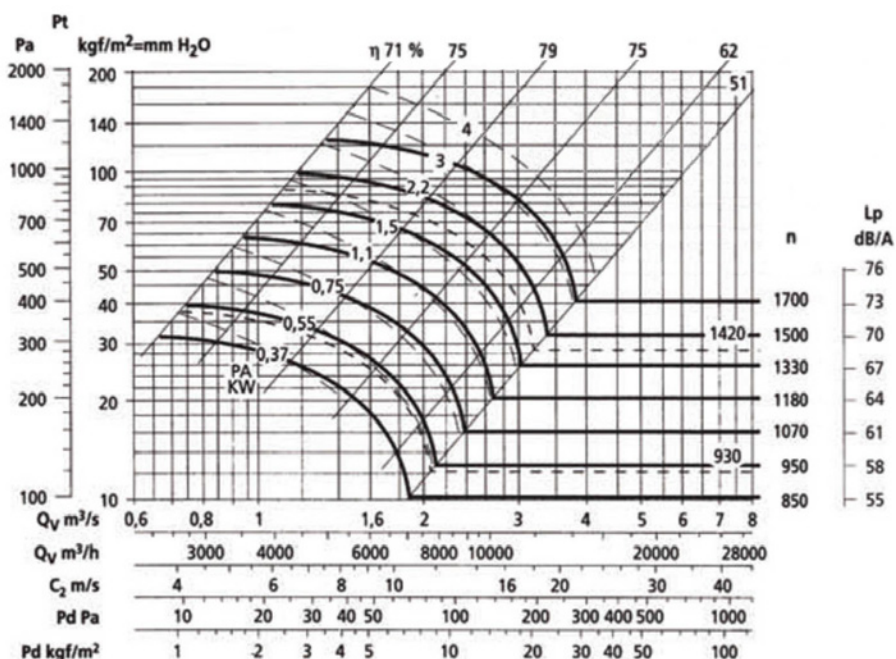


Grafico prestazioni / Performance graph PLF 500 RB

Grafico riferito ad aria a 15°C
Graph referring to air at 15°C

Tolleranza potenza assorbita ±3%
Absorbed power tolerance ±3%

Tolleranza sulla rumorosità ±3dB
Noise tolerance ±3dB





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PLF 310 RA

Dimensioni d'ingombro e posizione uscita / Overall dimensions and discharge position

Modello / Model	A	B	C	øD
PLF 310 RA	500	600	550	255

Posizione uscita / Discharge position

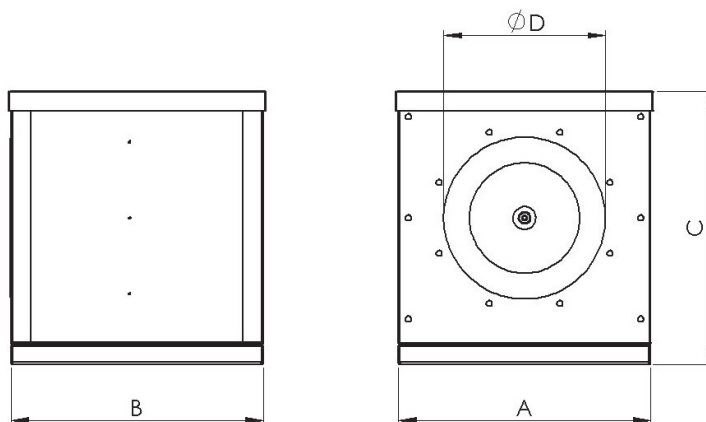
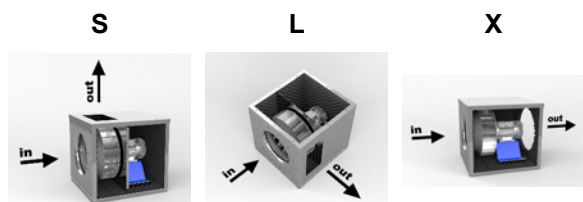
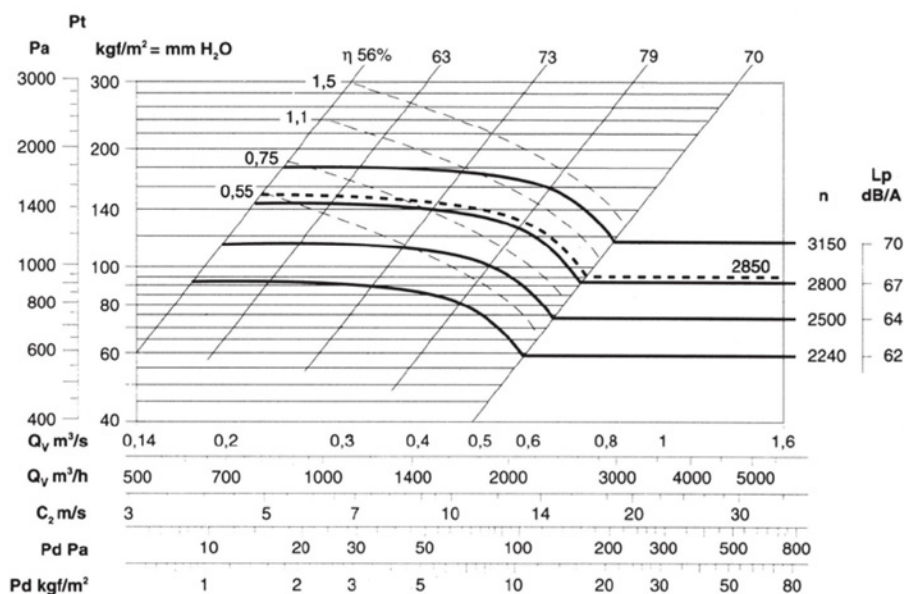


Grafico prestazioni / Performance graph PLF 310 RA

Grafico riferito ad aria a 15°C
Graph referring to air at 15°C

Tolleranza potenza assorbita ±3%
Absorbed power tolerance ±3%

Tolleranza sulla rumorosità ±3dB
Noise tolerance ±3dB





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PLF 350 RA

Dimensioni d'ingombro e posizione uscita / Overall dimensions and discharge position

Modello / Model	A	B	C	øD
PLF 350 RA	500	600	550	287

Posizione uscita / Discharge position

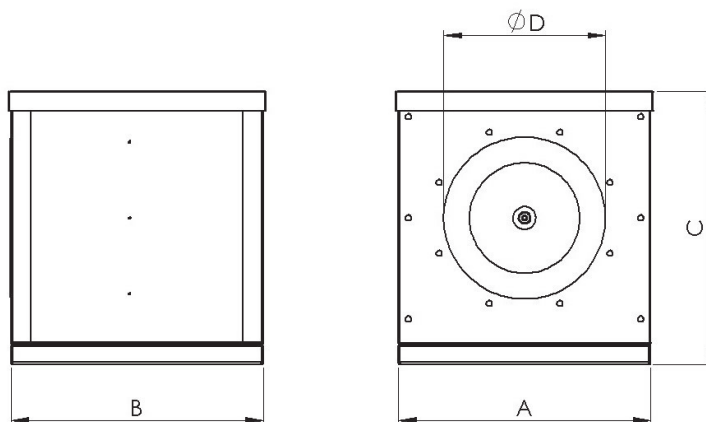
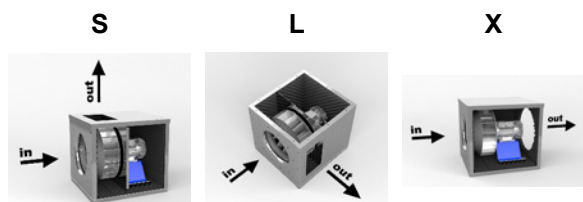
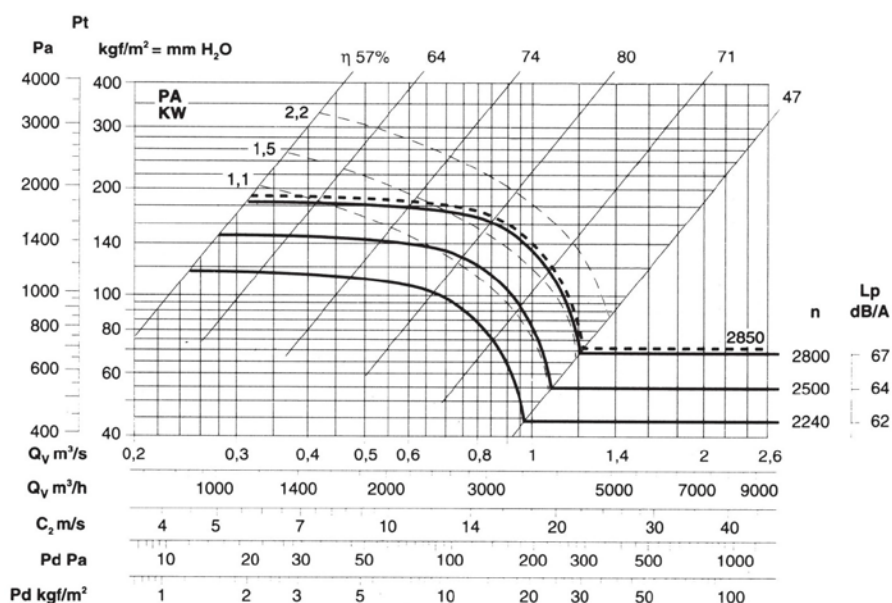


Grafico prestazioni / Performance graph PLF 350 RA

Grafico riferito ad aria a 15°C
Graph referring to air at 15°C

Tolleranza potenza assorbita ±3%
Absorbed power tolerance ±3%

Tolleranza sulla rumorosità ±3dB
Noise tolerance ±3dB





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PLF 400 RA

Dimensioni d'ingombro e posizione uscita / Overall dimensions and discharge position

Modello / Model	A	B	C	øD
PLF 400 RA	650	700	650	320

Posizione uscita / Discharge position

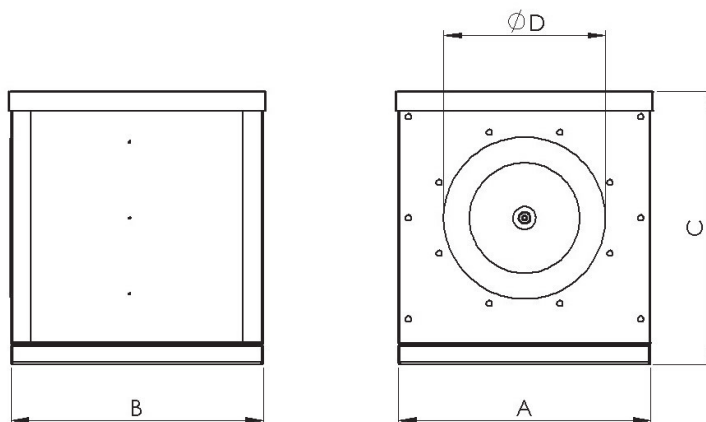
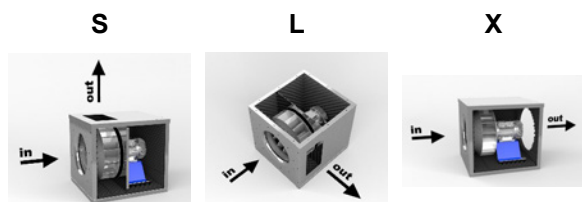
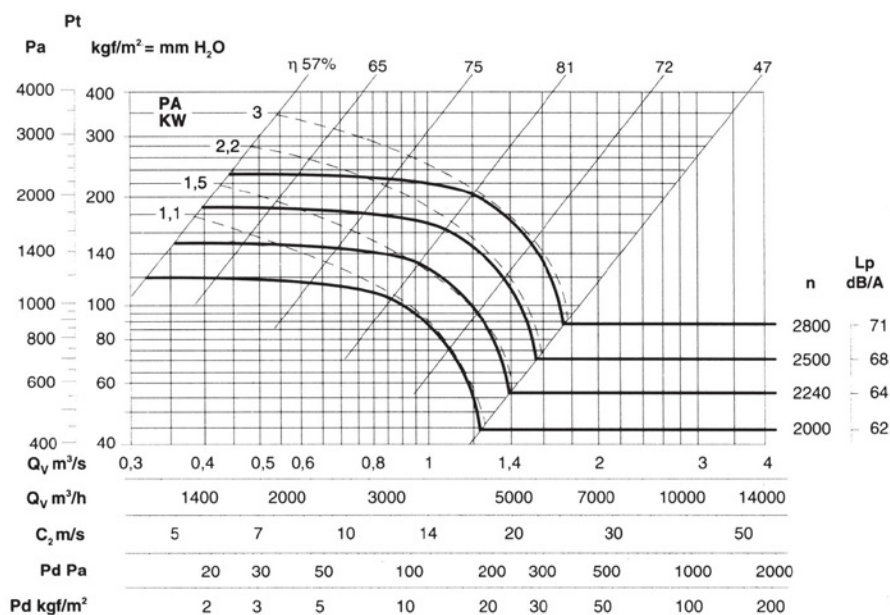


Grafico prestazioni / Performance graph PLF 400 RA

Grafico riferito ad aria a 15°C
Graph referring to air at 15°C

Tolleranza potenza assorbita ±3%
Absorbed power tolerance ±3%

Tolleranza sulla rumorosità ±3dB
Noise tolerance ±3dB





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PLF 450 RA

Dimensioni d'ingombro e posizione uscita / Overall dimensions and discharge position

Modello / Model	A	B	C	øD
PLF 450 RA	650	700	650	360

Posizione uscita / Discharge position

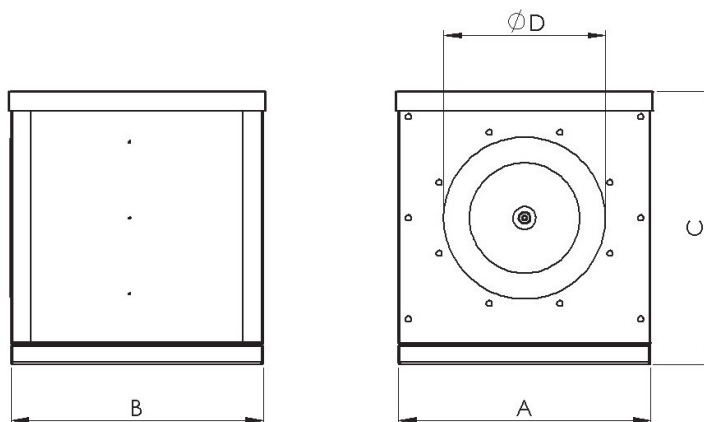
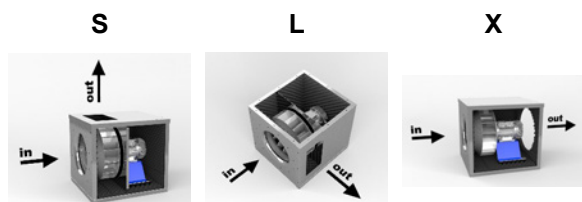
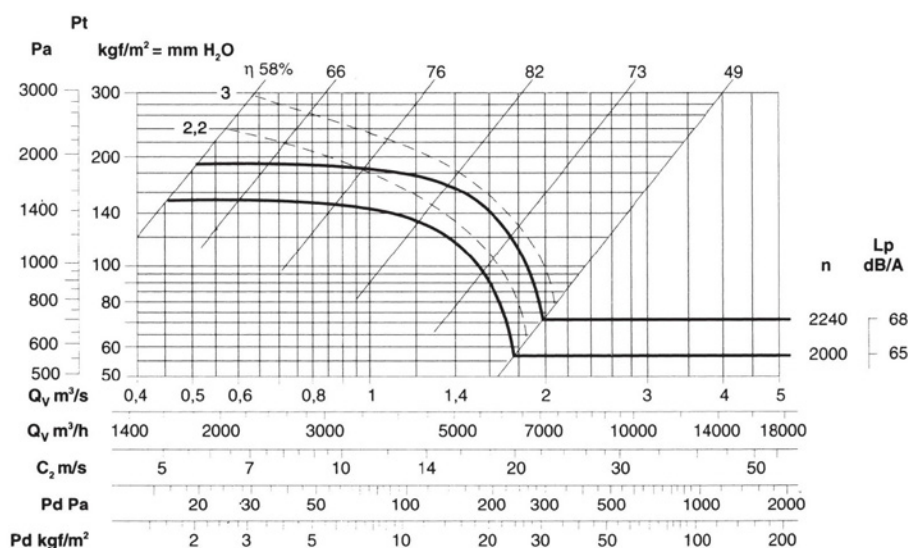


Grafico prestazioni / Performance graph PLF 450 RA

Grafico riferito ad aria a 15°C
Graph referring to air at 15°C

Tolleranza potenza assorbita ±3%
Absorbed power tolerance ±3%

Tolleranza sulla rumorosità ±3dB
Noise tolerance ±3dB





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PLF 500 RA

Dimensioni d'ingombro e posizione uscita / Overall dimensions and discharge position

Modello / Model	A	B	C	øD
PLF 500 RA	700	750	700	405

Posizione uscita / Discharge position

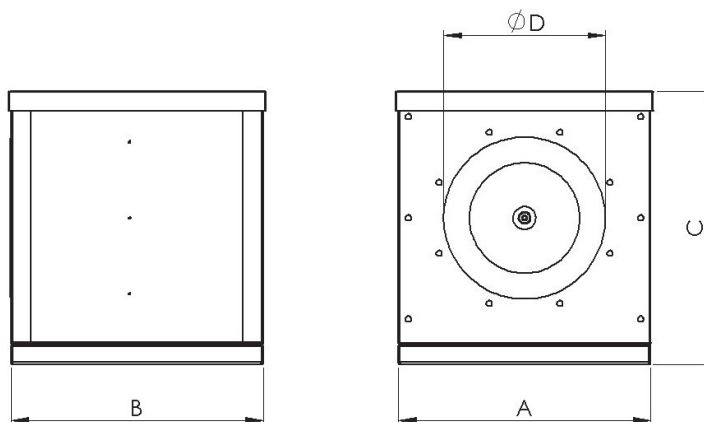
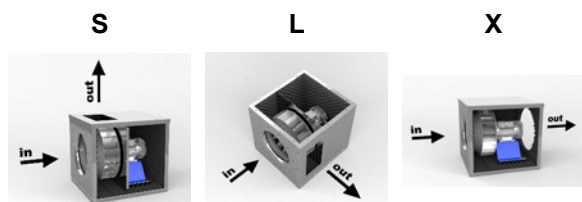
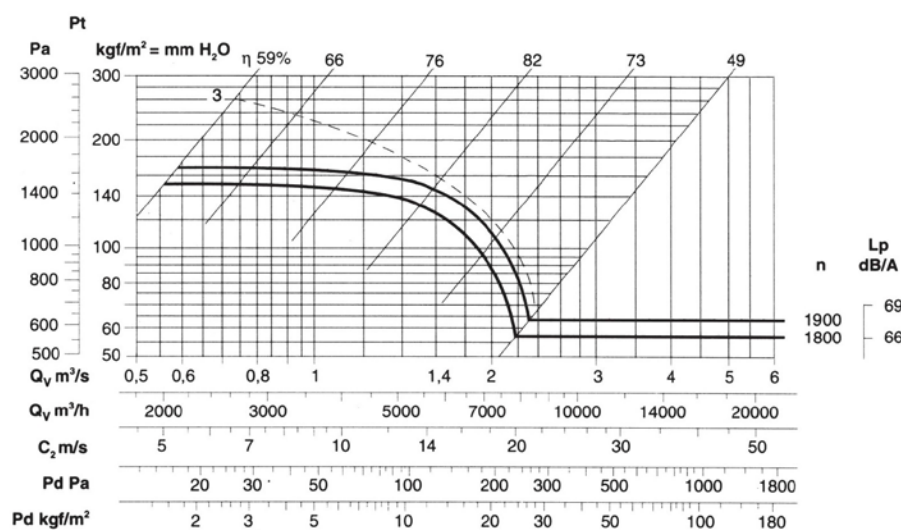


Grafico prestazioni / Performance graph PLF 500 RA

Grafico riferito ad aria a 15°C
Graph referring to air at 15°C

Tolleranza potenza assorbita ±3%
Absorbed power tolerance ±3%

Tolleranza sulla rumorosità ±3dB
Noise tolerance ±3dB





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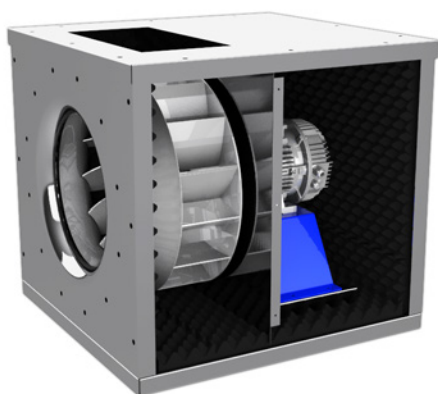
PLAY FUN

Esempi applicativi / Application examples

Plug fan cassonato e insonorizzato, ideale per vari utilizzi, tra cui l'applicazione diretta in filtri in depressione.

Questa configurazione consente un notevole risparmio di spazio e una maggiore efficienza del filtro con una riduzione significativa di ingombri e rumorosità.

A boxed and soundproofed plug fan, perfect for a wide range of applications, including direct use in negative pressure filters. This design offers substantial space savings, enhances filter efficiency, and minimizes both size and noise.



Plug fan cassonato ed insonorizzato pronto per vari utilizzi con moduli:

Plug fan with box and soundproofing ready for various uses with modules:



Modulo con filtro G4, filtro ondulato e cartucce con carbone attivo.

Module with G4 filter, corrugated filter and activated carbon cartridges.



Modulo con celle elettrostatiche in grado di trattenere fumi untì e polveri e particelle organiche.

Module with electrostatic cells capable of retaining greasy fumes, dust and organic particles.



Modulo con filtro cella metallico, filtro a tasca, filtro cella assoluto e cartucce con carbone attivo.

Module with metal cell filter, pocket filter, absolute cell filter and cartridges with activated carbon.

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