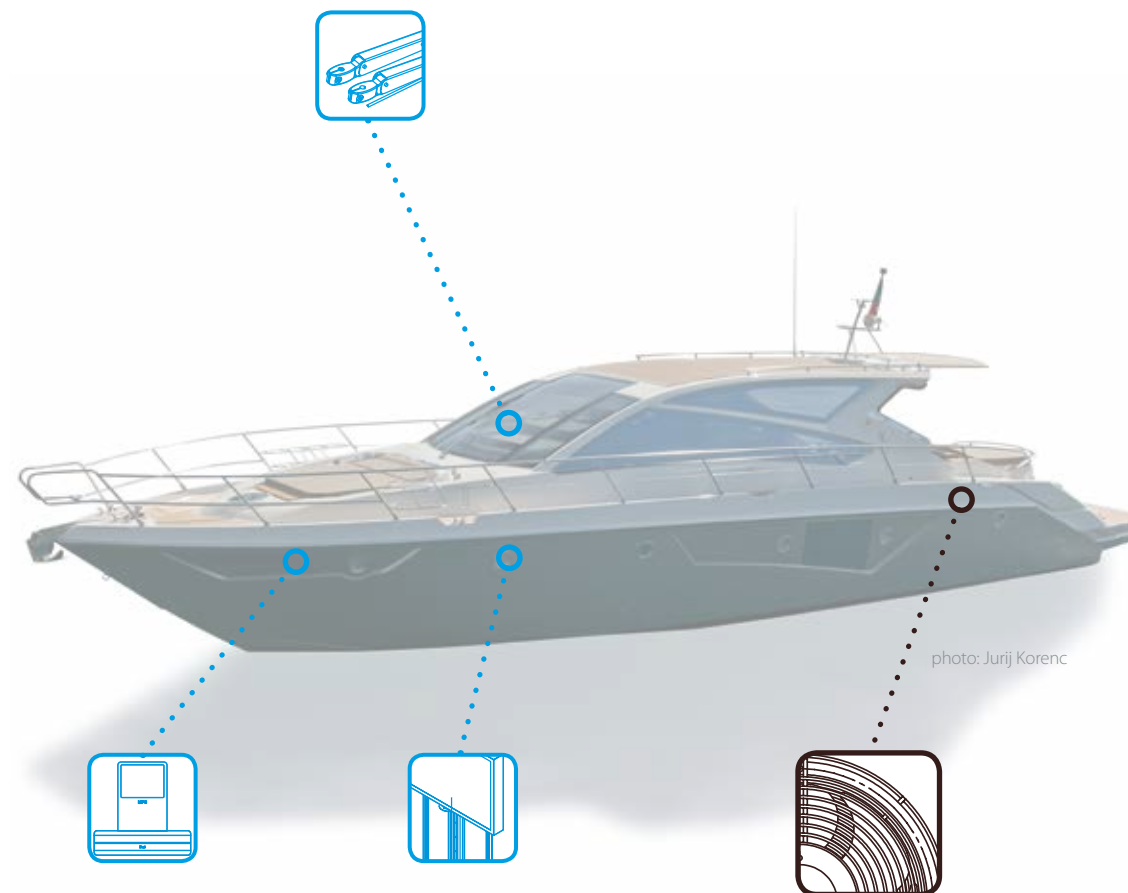




***Fans***

Nautical Parts



**Gallinea**



**iBoat**



**Fans**  
Ventilateurs



**Windscreen Wipers**  
Essuie-glaces



**Movements**  
Mécanismes coulissants

# Ventilatori - Fans

I ventilatori Gallinea sono frutto di un'attenta conoscenza delle problematiche che si riscontrano nel settore nautico. Ogni macchina viene sviluppata partendo dalle effettive condizioni d'uso, ciò è possibile grazie all'utilizzo di un banco prova ove testiamo concretamente i ventilatori. Tutto ciò ci permette di offrire ai nostri clienti non solo delle macchine, ma anche consulenze per ottimizzare la ventilazione della sala motori (es. calcolo della perdita di carico dei condotti).

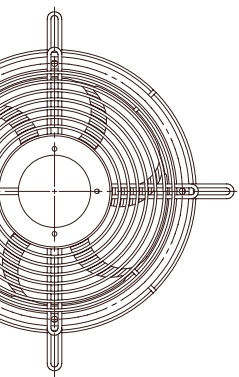
Sono state sviluppate quindi una serie di macchine con delle caratteristiche uniche:

- struttura in materiale plastico (PA66+30%FB) sviluppato per il settore marino
- massima efficienza delle pale
- motore IP68, servizio continuo, di dimensioni compatte
- bassi consumi elettrici
- bassa rumorosità
- estrema leggerezza, circa il 70% in meno rispetto ad una macchina tradizionale

In parallelo sono state sviluppate una serie di flange e di serrande che rendono estremamente veloce l'installazione in barca. Le macchine sono disponibili con il flusso motore girante (FMG) o con il flusso girante motore (FGM) in base alle esigenze del cliente.

Sono disponibile a richiesta anche una serie completa di macchine tradizionali, con telaio in acciaio, alimentazione in bassa o alta tensione. Queste macchine vengono realizzate Custom in base alle richieste dei clienti.

La gamma dei ventilatori centrifughi rappresenta un'ottima alternativa nei casi di aerazione di locali chiusi come bagni, cucine, piccole sale macchina ...



Gallinea fans are the result of a careful knowledge of the problems found out in nautical field. Each fan is developed starting from the effective use conditions. This is possible thanks to a cooperation with the use of a test bench where fans are tested. This permits us to offer our customers not only machines, but also expert advices to optimize engine room ventilation (for example calculation of charge loss in channels).

So we have developed a range of machines with singular features :

- structure in plastic material (PA66+30%FB) developed especially for marine field
- maximal blades' efficiency
- IP68 engine, continuous service, compact dimensions
- low electrical consumption
- low noise
- extreme lightness, more or less 70 % lighter than a traditional machine

In the meantime we have developed also a range of flanges and shutters which permits a speedy installation on the boat.

Machines are available with both flows (FMG and FGM) according to customers' needs .

On demand we have also a complete range of traditional machines, with steel frame and feeding in low or high tension. These machines are Custom realized according to customers' needs.

Centrifugal fans range represents an optimal alternative in case of ventilation for closed rooms (for example bathrooms, kitchens, small engine rooms and so on...)

# Ventilateurs

Les ventilateurs Gallinea sont le résultat d'une connaissance approfondie des problématiques rencontrées sur les yachts.

Chaque appareil est développé à partir des conditions d'utilisation réelles, ce qui est possible grâce à la collaboration avec la société Bcool, qui utilise un banc d'essai équipé pour effectuer les tests fonctionnels. Tout cela nous permet d'offrir à nos clients non seulement des appareils fiables, mais aussi de précieux conseils pour optimiser l'aération des cales moteurs (comme par exemple, le calcul de la perte de pression des canalisations).

Nous avons donc développé une gamme de ventilateurs ayant les caractéristiques uniques:

- structure réalisée en matériau plastique (PA66+30%FB) conçu spécifiquement pour le milieu marin
- efficacité maximale des aubes

- moteur IP68, à usage continu et très compact
- faible consommation électrique
- faible niveau de bruit
- légèreté extrême, environ 70% moins lourd qu'un appareil traditionnelle

Nous avons développé parallèlement des brides et volets qui rendent l'installation à bord très rapide. Nos appareils sont disponibles avec flux moteur/turbine (FMG) ou avec flux turbine/moteur (FGM) selon les exigences d'installation. Sur demande nous proposons également une gamme de ventilateurs traditionnels, avec cadre en acier, alimentation en basse tension ou haute tension. Ces appareils sont customisés sur la base des exigences des clients. La gamme de ventilateurs centrifuges représente une excellente alternative pour l'aération d'espaces clos tels que les salles de bains, cuisines, chambres, petites cales moteur, etc.

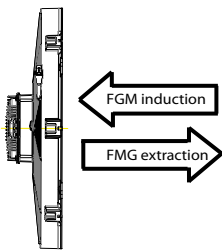


# Blower 225mm

06100015

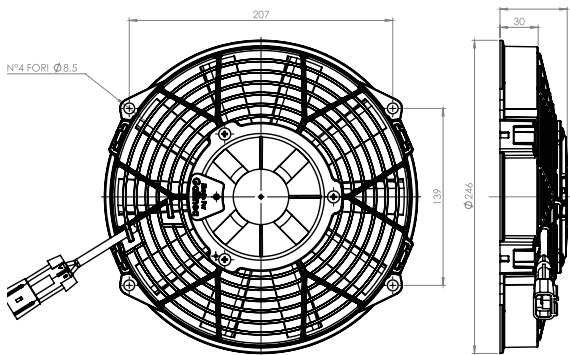
Le elettroventole Gallinea sono marchiate (e13) in conformità alla direttiva 72/245/CEE ed al suo emendamento 2006/96 CE. In particolare il marchio accreditato è (e13)03 9955.

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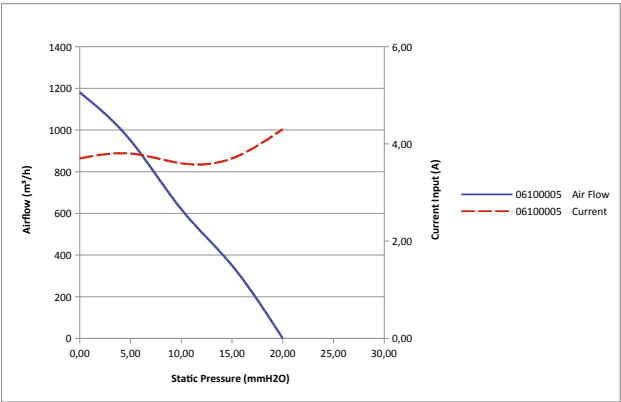
## Product features

Flusso: FMG  
Tensione \ Voltage: 12 volt  
Colore \ Colour: Bianco \ White  
Peso \ Weight: 1,6 kg  
Motore \ Motor: IP68  
Servizio \ Service: S1  
Basso rumore \ Low noise  
N° pale \ N° blades: 10



| Static Pressure<br>mmH2O | 06100005<br>Air Flow | 06100005<br>Current |
|--------------------------|----------------------|---------------------|
| 0,00                     | 1180                 | 3,70                |
| 5,00                     | 950                  | 3,80                |
| 10,00                    | 620                  | 3,60                |
| 15,00                    | 350                  | 3,70                |
| 20,00                    | 0                    | 4,30                |

Current      Amper  
Air Flow      m3h      1 m3h= 0,59 cfm  
Static Pressure: mmH2O      1 mmH2O=9,8 Pa  
                                                 1 mmH2O=0,04 inch H2O

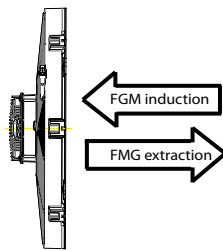


# Blower 225mm

06100005

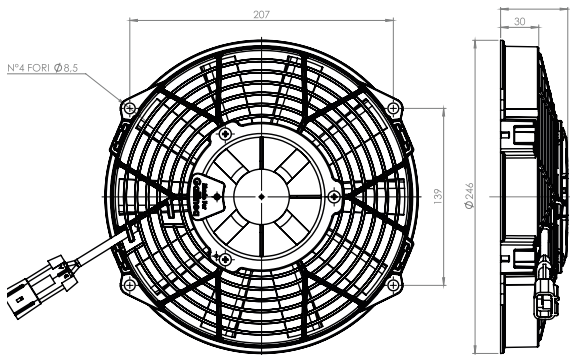
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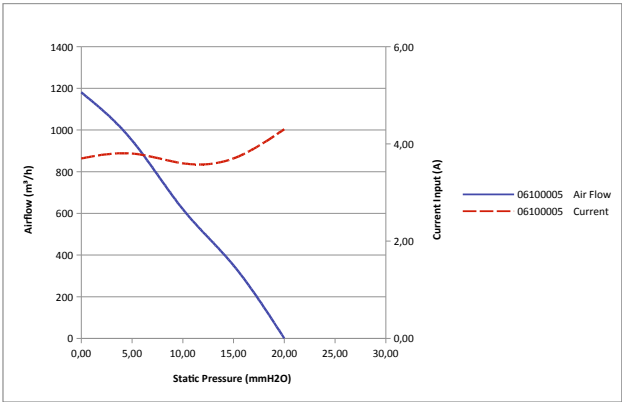
## Product features

Flusso: FMG  
Tensione \ Voltage: 24 volt  
Colore \ Colour: Bianco \ White  
Peso \ Weight: 1,6 kg  
Motore \ Motor: IP68  
Servizio \ Service: S1  
Basso rumore \ Low noise  
N° pale \ N° blades: 10



| Static Pressure<br>mmH2O | 06100005<br>Air Flow | 06100005<br>Current |
|--------------------------|----------------------|---------------------|
| 0,00                     | 1180                 | 3,70                |
| 5,00                     | 950                  | 3,80                |
| 10,00                    | 620                  | 3,60                |
| 15,00                    | 350                  | 3,70                |
| 20,00                    | 0                    | 4,30                |

Current      Amper  
Air Flow      m3h      1 m3h= 0,59 cfm  
Static Pressure: mmH2O      1 mmH2O=9,8 Pa  
                                                 1 mmH2O=0,04 inch H2O

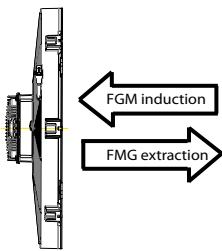


# Blower 305mm

06100002

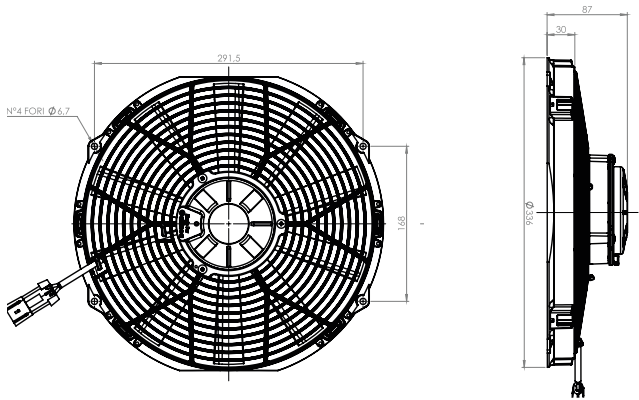
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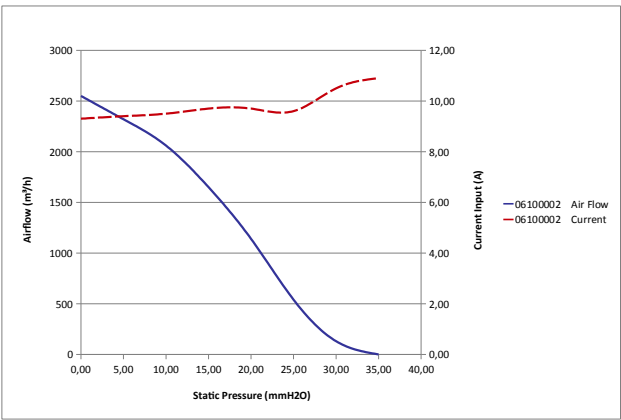
## Product features

Flusso: FMG  
Tensione \ Voltage: 24volt  
Colore \ Colour: Bianco \ White  
Peso \ Weight: 2,4 kg  
Motore \ Motor: IP68  
Servizio \ Service: S1  
Basso rumore \ Low noise  
N° pale \ N° blades: 10



| Static Pressure<br>mmH2O | 06100002<br>Air Flow | 06100002<br>Current |
|--------------------------|----------------------|---------------------|
| 0,00                     | 2550                 | 9,30                |
| 5,00                     | 2320                 | 9,40                |
| 10,00                    | 2060                 | 9,50                |
| 15,00                    | 1650                 | 9,70                |
| 20,00                    | 1140                 | 9,70                |
| 25,00                    | 540                  | 9,60                |
| 30,00                    | 130                  | 10,50               |
| 35,00                    | 0                    | 10,90               |

|                       |       |
|-----------------------|-------|
| Current               | Amper |
| Air Flow              | m3h   |
| Static Pressure:      | mmH2O |
| 1 m3h= 0,59 cfm       |       |
| 1 mmH2O=9,8 Pa        |       |
| 1 mmH2O=0,04 inch H2O |       |

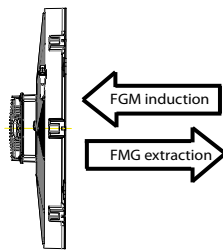


# Blower 305mm

06100018

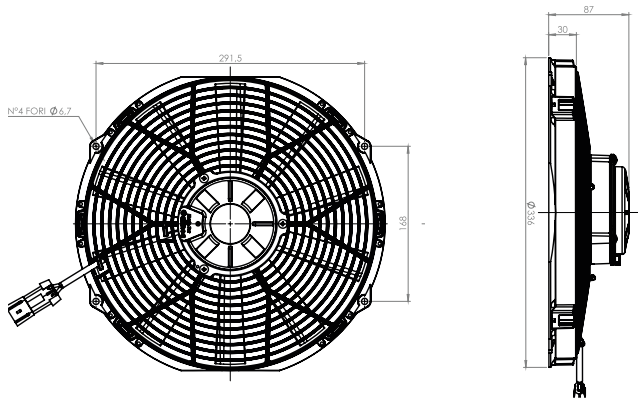
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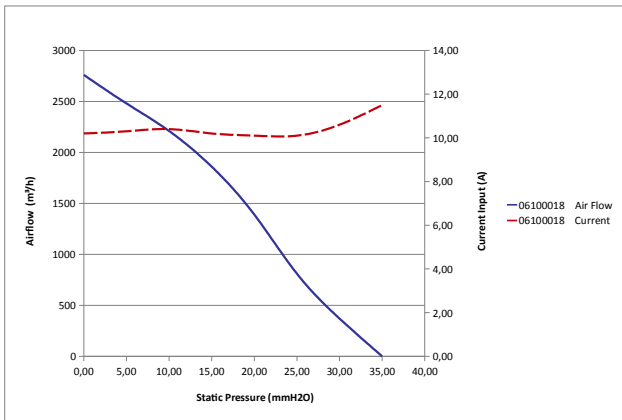
## Product features

Flusso: FMG  
Tensione \ Voltage: 24volt  
Colore \ Colour: Bianco \ White  
Peso \ Weight: 2,4 kg  
Motore \ Motor: IP68  
Servizio \ Service: S1  
Basso rumore \ Low noise  
N° pale \ N° blades: 10



| Static Pressure<br>mmH2O | 06100018<br>Air Flow | 06100018<br>Current |
|--------------------------|----------------------|---------------------|
| 0,00                     | 2760                 | 10,20               |
| 5,00                     | 2480                 | 10,30               |
| 10,00                    | 2210                 | 10,40               |
| 15,00                    | 1860                 | 10,20               |
| 20,00                    | 1390                 | 10,10               |
| 25,00                    | 810                  | 10,10               |
| 30,00                    | 370                  | 10,60               |
| 35,00                    | 0                    | 11,50               |

|                       |       |
|-----------------------|-------|
| Current               | Amper |
| Air Flow              | m3h   |
| Static Pressure:      | mmH2O |
| 1 m3h= 0,59 cfm       |       |
| 1 mmH2O=9,8 Pa        |       |
| 1 mmH2O=0,04 inch H2O |       |

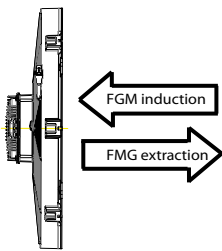


# Blower 385mm

06100004

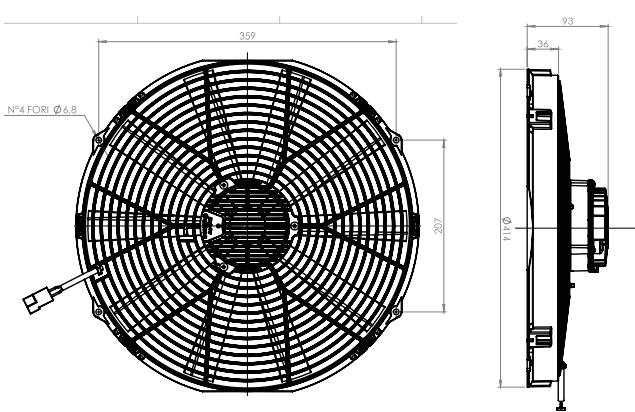
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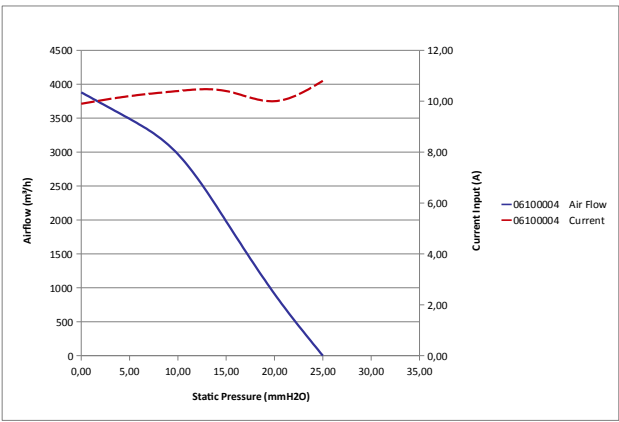
## Product features

- Flusso: FGM
- Tensione \ Voltage: 24volt
- Colore \ Colour: Bianco \ White
- Peso \ Weight: 3,4 kg
- Motore \ Motor: IP68
- Servizio \ Service: S1
- Basso rumore \ Low noise
- N° pale \ N° blades: 10



| Static Pressure<br>mmH2O | 06100004<br>Air Flow | 06100004<br>Current |
|--------------------------|----------------------|---------------------|
| 0,00                     | 3880                 | 9,90                |
| 5,00                     | 3490                 | 10,20               |
| 10,00                    | 2970                 | 10,40               |
| 15,00                    | 1980                 | 10,40               |
| 20,00                    | 910                  | 10,00               |
| 25,00                    | 0                    | 10,80               |
| 30,00                    |                      |                     |

|                  |       |                                         |
|------------------|-------|-----------------------------------------|
| Current          | Amper |                                         |
| Air Flow         | m3h   | 1 m3h= 0,59 cfm                         |
| Static Pressure: | mmH2O | 1 mmH2O=9,8 Pa<br>1 mmH2O=0,04 inch H2O |

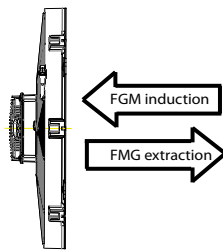


# Blower 385mm

06100024

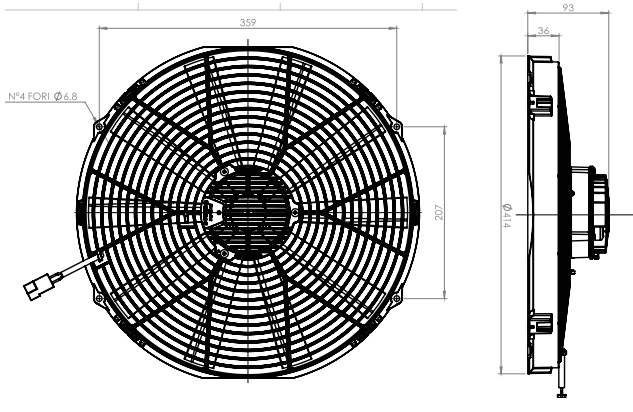
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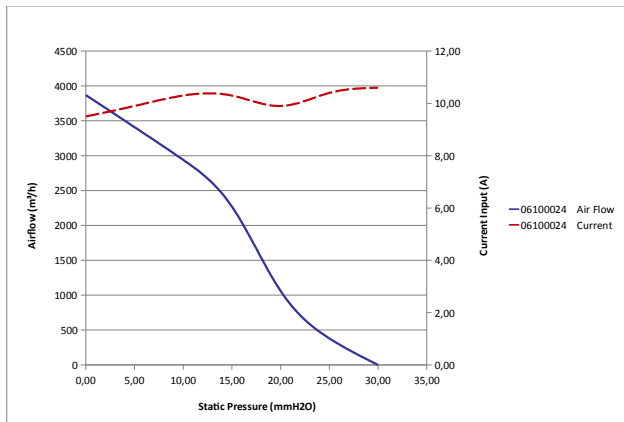
## Product features

- Flusso: FGM
- Tensione \ Voltage: 24volt
- Colore \ Colour: Bianco \ White
- Peso \ Weight: 3,4 kg
- Motore \ Motor: IP68
- Servizio \ Service: S1
- Basso rumore \ Low noise
- N° pale \ N° blades: 10



| Static Pressure<br>mmH2O | 06100024<br>Air Flow | 06100024<br>Current |
|--------------------------|----------------------|---------------------|
| 0,00                     | 3870                 | 9,50                |
| 5,00                     | 3410                 | 9,90                |
| 10,00                    | 2940                 | 10,30               |
| 15,00                    | 2270                 | 10,30               |
| 20,00                    | 1060                 | 9,90                |
| 25,00                    | 380                  | 10,40               |
| 30,00                    | 0                    | 10,60               |

|                  |       |                                         |
|------------------|-------|-----------------------------------------|
| Current          | Amper |                                         |
| Air Flow         | m3h   | 1 m3h= 0,59 cfm                         |
| Static Pressure: | mmH2O | 1 mmH2O=9,8 Pa<br>1 mmH2O=0,04 inch H2O |

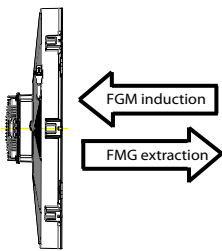


# Blower DPM 440

06100026

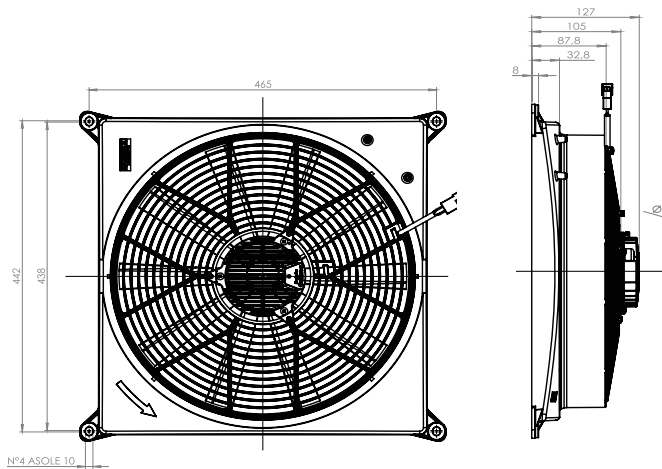
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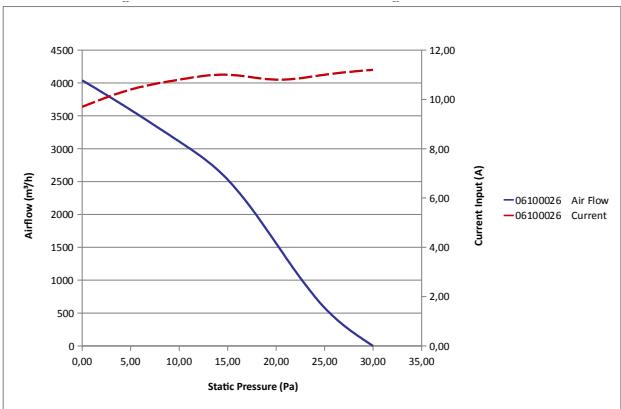
## Product features

Flusso: FGM  
Tensione \ Voltage: 24volt  
Colore \ Colour: Bianco \ White  
Peso \ Weight: 2,4 kg  
Motore \ Motor: IP68  
Servizio \ Service: S1  
Basso rumore \ Low noise  
N° pale \ N° blades: 10



| Static Pressure<br>mmH2O | 06100026<br>Air Flow | 06100026<br>Current |
|--------------------------|----------------------|---------------------|
| 0,00                     | 4040                 | 9,70                |
| 5,00                     | 3590                 | 10,40               |
| 10,00                    | 3110                 | 10,80               |
| 15,00                    | 2530                 | 11,00               |
| 20,00                    | 1560                 | 10,80               |
| 25,00                    | 580                  | 11,00               |
| 30,00                    | 0                    | 11,20               |

| Current          | Amper         |
|------------------|---------------|
| Air Flow         | m3h           |
| Static Pressure: | mmH2O         |
| 1 m3h=           | 0,59 cfm      |
| 1 mmH2O=         | 9,8 Pa        |
| 1 mmH2O=         | 0,04 inch H2O |

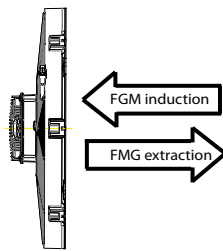


# Blower DPM 440

06100027

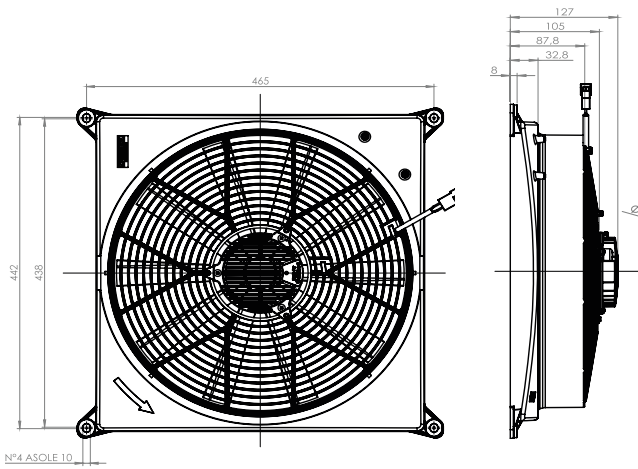
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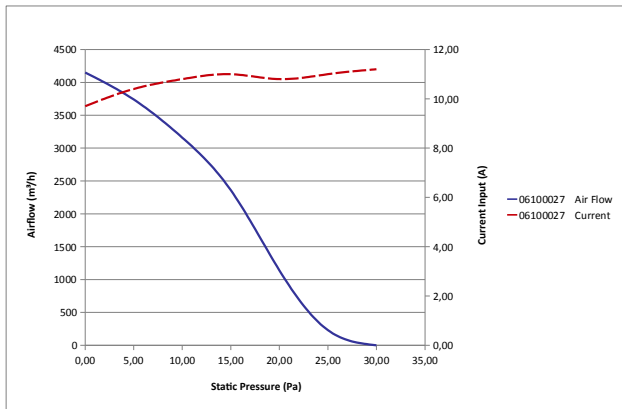
## Product features

Flusso: FMG  
Tensione \ Voltage: 24volt  
Colore \ Colour: Bianco \ White  
Peso \ Weight: 2,4 kg  
Motore \ Motor: IP68  
Servizio \ Service: S1  
Basso rumore \ Low noise  
N° pale \ N° blades: 10



| Static Pressure<br>mmH2O | 06100027<br>Air Flow | 06100027<br>Current |
|--------------------------|----------------------|---------------------|
| 0,00                     | 4150                 | 9,70                |
| 5,00                     | 3740                 | 10,40               |
| 10,00                    | 3160                 | 10,80               |
| 15,00                    | 2360                 | 11,00               |
| 20,00                    | 1140                 | 10,80               |
| 25,00                    | 230                  | 11,00               |
| 30,00                    | 0                    | 11,20               |

| Current          | Amper         |
|------------------|---------------|
| Air Flow         | m3h           |
| Static Pressure: | mmH2O         |
| 1 m3h=           | 0,59 cfm      |
| 1 mmH2O=         | 9,8 Pa        |
| 1 mmH2O=         | 0,04 inch H2O |

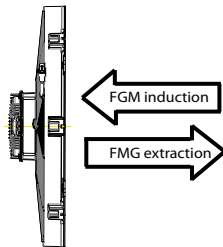


# Blower DPM 350

0601000015

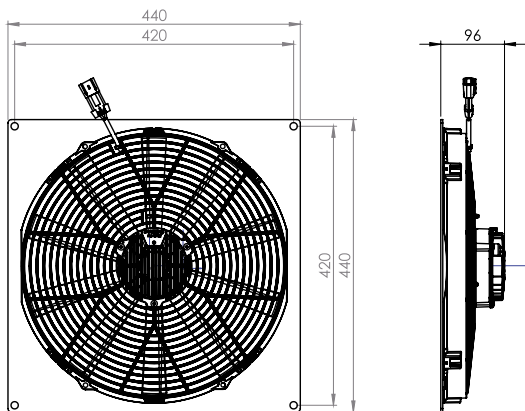
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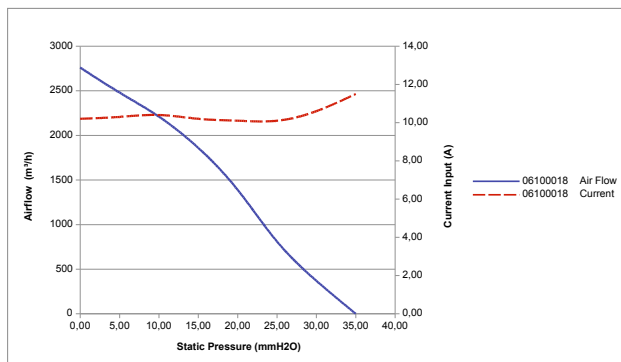
## Product features

Flusso: FMG  
Tensione \ Voltage: 24volt  
Colore \ Colour: Bianco \ White  
Peso \ Weight: 3,4 kg  
Motore \ Motor: IP68  
Servizio \ Service: S1  
Basso rumore \ Low noise  
N° pale \ N° blades: 10



| Static Pressure<br>mmH2O | 06100018<br>Flow | Air | 06100018<br>Current |
|--------------------------|------------------|-----|---------------------|
| 0,00                     | 2760             |     | 10,20               |
| 5,00                     | 2480             |     | 10,30               |
| 10,00                    | 2210             |     | 10,40               |
| 15,00                    | 1860             |     | 10,20               |
| 20,00                    | 1390             |     | 10,10               |
| 25,00                    | 810              |     | 10,10               |
| 30,00                    | 370              |     | 10,60               |
| 35,00                    | 0                |     | 11,50               |

|                  |       |                                         |
|------------------|-------|-----------------------------------------|
| Current          | Amper |                                         |
| Air Flow         | m3h   | 1 m3h= 0,59 cfm                         |
| Static Pressure: | mmH2O | 1 mmH2O=9,8 Pa<br>1 mmH2O=0,04 inch H2O |

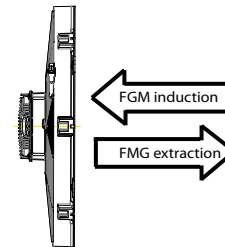


# Blower DPM 350

0601000018

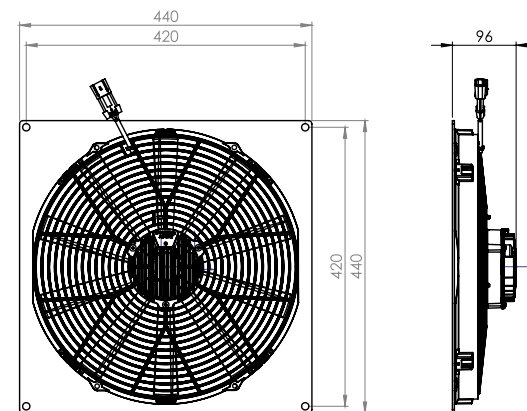
Le elettroventole Gallinea sono marchiate (e13) in conformità alla direttiva 72/245/CEE ed al suo emendamento 2006/96 CE. In particolare il marchio accreditato è (e13)03 9955.

Gallinea's fans are marked (e13) according to guideline 72/245/CEE and to its amendment 2006/96 CE. Trademark is credited (e13) 03 9955.



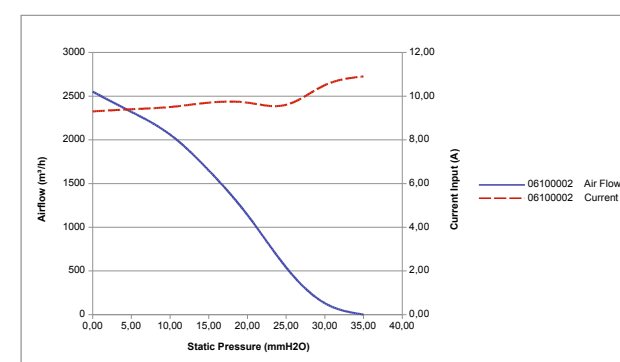
## Product features

Flusso: FGM  
Tensione \ Voltage: 24volt  
Colore \ Colour: Bianco \ White  
Peso \ Weight: 3,4 kg  
Motore \ Motor: IP68  
Servizio \ Service: S1  
Basso rumore \ Low noise  
N° pale \ N° blades: 10



| Static Pressure<br>mmH2O | 06100002<br>Flow | Air | 06100002<br>Current |
|--------------------------|------------------|-----|---------------------|
| 0,00                     | 2550             |     | 9,30                |
| 5,00                     | 2320             |     | 9,40                |
| 10,00                    | 2060             |     | 9,50                |
| 15,00                    | 1650             |     | 9,70                |
| 20,00                    | 1140             |     | 9,70                |
| 25,00                    | 540              |     | 9,60                |
| 30,00                    | 130              |     | 10,50               |
| 35,00                    | 0                |     | 10,90               |

|                  |       |                                         |
|------------------|-------|-----------------------------------------|
| Current          | Amper |                                         |
| Air Flow         | m3h   | 1 m3h= 0,59 cfm                         |
| Static Pressure: | mmH2O | 1 mmH2O=9,8 Pa<br>1 mmH2O=0,04 inch H2O |

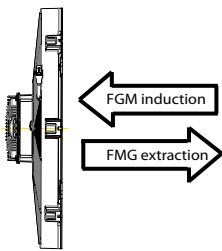


# Blower DPM 400

0601000014

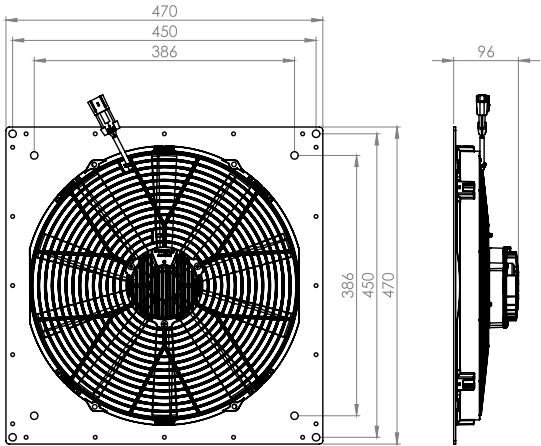
Le elettroventole Gallinea sono marchiate (e13) in conformità alla direttiva 72/245/CEE ed al suo emendamento 2006/96 CE. In particolare il marchio accreditato è (e13)03 9955.

Gallinea's fans are marked (e13) according to guideline 72/245/CEE and to its amendment 2006/96 CE. Trademark is credited (e13) 03 9955.



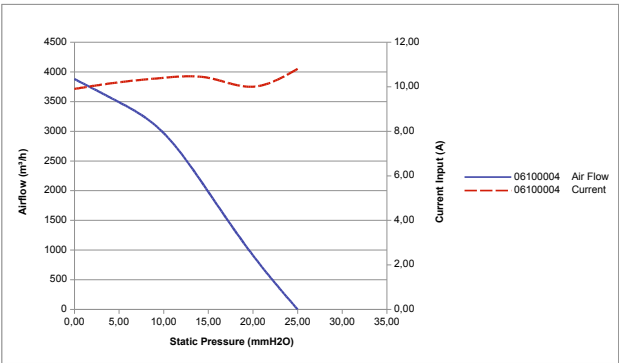
## Product features

Flusso: FMG  
Tensione \ Voltage: 24volt  
Colore \ Colour: Bianco \ White  
Peso \ Weight: 3,4 kg  
Motore \ Motor: IP68  
Servizio \ Service: S1  
Basso rumore \ Low noise  
N° pale \ N° blades: 10



| Static Pressure<br>mmH2O | 06100004<br>Flow | Air<br>Current | 06100004<br>Current |
|--------------------------|------------------|----------------|---------------------|
| 0,00                     | 3880             | 9,90           |                     |
| 5,00                     | 3490             | 10,20          |                     |
| 10,00                    | 2970             | 10,40          |                     |
| 15,00                    | 1980             | 10,40          |                     |
| 20,00                    | 910              | 10,00          |                     |
| 25,00                    | 0                | 10,80          |                     |
| 30,00                    |                  |                |                     |

| Current               | Amper |
|-----------------------|-------|
| Air Flow              | m3h   |
| Static Pressure:      | mmH2O |
| 1 m3h= 0,59 cfm       |       |
| 1 mmH2O=9,8 Pa        |       |
| 1 mmH2O=0,04 inch H2O |       |

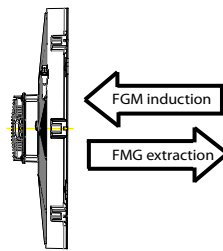


# Blower DPM 400

0601000017

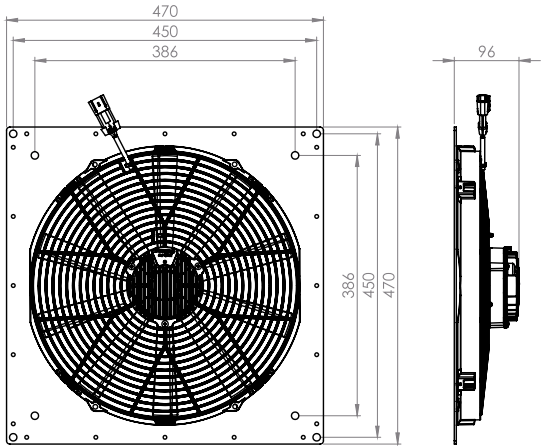
Le elettroventole Gallinea sono marchiate (e13) in conformità alla direttiva 72/245/CEE ed al suo emendamento 2006/96 CE. In particolare il marchio accreditato è (e13)03 9955.

Gallinea's fans are marked (e13) according to guideline 72/245/CEE and to its amendment 2006/96 CE. Trademark is credited (e13) 03 9955.



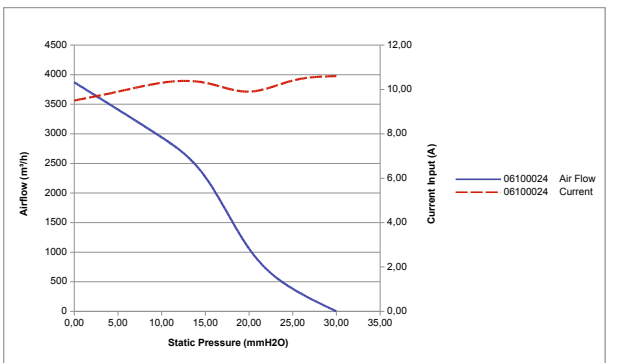
## Product features

Flusso: FGM  
Tensione \ Voltage: 24volt  
Colore \ Colour: Bianco \ White  
Peso \ Weight: 3,4 kg  
Motore \ Motor: IP68  
Servizio \ Service: S1  
Basso rumore \ Low noise  
N° pale \ N° blades: 10



| Static Pressure<br>mmH2O | 06100024<br>Flow | Air<br>Current | 06100024<br>Current |
|--------------------------|------------------|----------------|---------------------|
| 0,00                     | 3870             | 9,50           |                     |
| 5,00                     | 3410             | 9,90           |                     |
| 10,00                    | 2940             | 10,30          |                     |
| 15,00                    | 2270             | 10,30          |                     |
| 20,00                    | 1060             | 9,90           |                     |
| 25,00                    | 380              | 10,40          |                     |
| 30,00                    | 0                | 10,60          |                     |

| Current               | Amper |
|-----------------------|-------|
| Air Flow              | m3h   |
| Static Pressure:      | mmH2O |
| 1 m3h= 0,59 cfm       |       |
| 1 mmH2O=9,8 Pa        |       |
| 1 mmH2O=0,04 inch H2O |       |

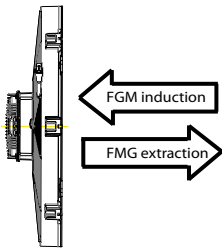


# Blower DPM 450

0601000013

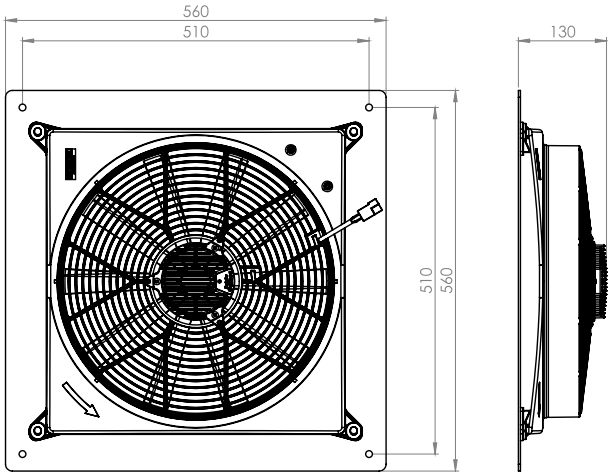
Le elettroventole Gallinea sono marchiate (e13) in conformità alla direttiva 72/245/CEE ed al suo emendamento 2006/96 CE. In particolare il marchio accreditato è (e13)03 9955.

Gallinea's fans are marked (e13) according to guideline 72/245/CEE and to its amendment 2006/96 CE. Trademark is credited (e13) 03 9955.



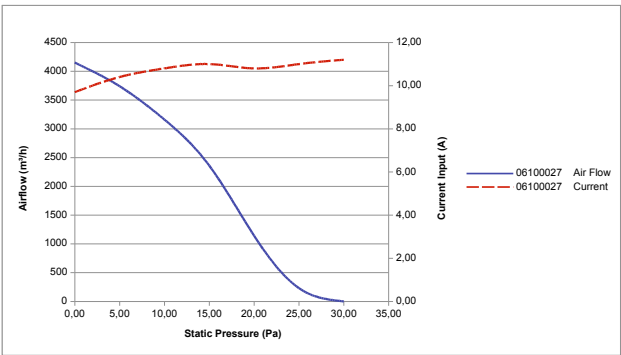
## Product features

Flusso: FMG  
Tensione \ Voltage: 24volt  
Colore \ Colour: Bianco \ White  
Peso \ Weight: 3,4 kg  
Motore \ Motor: IP68  
Servizio \ Service: S1  
Basso rumore \ Low noise  
N° pale \ N° blades: 10



| Static Pressure<br>mmH2O | 06100027<br>Flow | Air<br>Current | 06100027<br>Current |
|--------------------------|------------------|----------------|---------------------|
| 0,00                     | 4150             | 9,70           |                     |
| 5,00                     | 3740             | 10,40          |                     |
| 10,00                    | 3160             | 10,80          |                     |
| 15,00                    | 2360             | 11,00          |                     |
| 20,00                    | 1140             | 10,80          |                     |
| 25,00                    | 230              | 11,00          |                     |
| 30,00                    | 0                | 11,20          |                     |

| Current               | Amper |
|-----------------------|-------|
| Air Flow              | m3h   |
| Static Pressure:      | mmH2O |
| 1 m3h= 0,59 cfm       |       |
| 1 mmH2O=9,8 Pa        |       |
| 1 mmH2O=0,04 inch H2O |       |

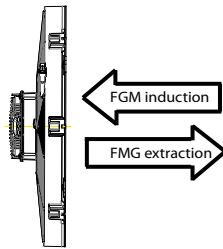


# Blower DPM 450

0601000016

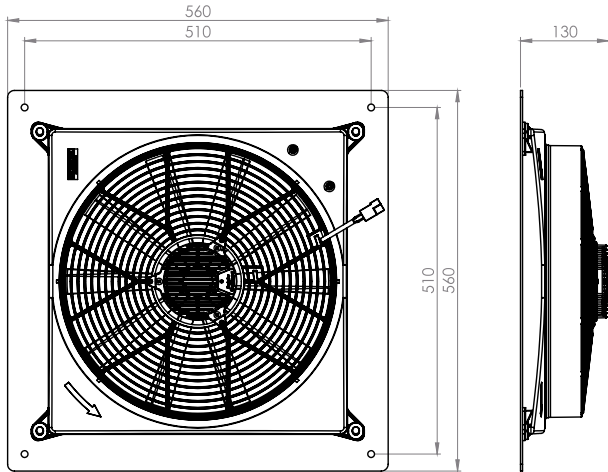
Le elettroventole Gallinea sono marchiate (e13) in conformità alla direttiva 72/245/CEE ed al suo emendamento 2006/96 CE. In particolare il marchio accreditato è (e13)03 9955.

Gallinea's fans are marked (e13) according to guideline 72/245/CEE and to its amendment 2006/96 CE. Trademark is credited (e13) 03 9955.



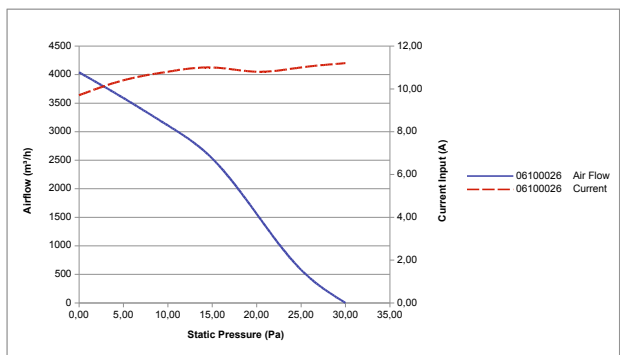
## Product features

Flusso: FGM  
Tensione \ Voltage: 24volt  
Colore \ Colour: Bianco \ White  
Peso \ Weight: 3,4 kg  
Motore \ Motor: IP68  
Servizio \ Service: S1  
Basso rumore \ Low noise  
N° pale \ N° blades: 10



| Static Pressure<br>mmH2O | 06100026<br>Flow | Air<br>Current | 06100026<br>Current |
|--------------------------|------------------|----------------|---------------------|
| 0,00                     | 4040             | 9,70           |                     |
| 5,00                     | 3590             | 10,40          |                     |
| 10,00                    | 3110             | 10,80          |                     |
| 15,00                    | 2530             | 11,00          |                     |
| 20,00                    | 1560             | 10,80          |                     |
| 25,00                    | 580              | 11,00          |                     |
| 30,00                    | 0                | 11,20          |                     |

| Current               | Amper |
|-----------------------|-------|
| Air Flow              | m3h   |
| Static Pressure:      | mmH2O |
| 1 m3h= 0,59 cfm       |       |
| 1 mmH2O=9,8 Pa        |       |
| 1 mmH2O=0,04 inch H2O |       |



## Accessori/ Accessories

Il sistema ha le seguenti caratteristiche tecniche:

1. Elettronica fornita in contenitore metallico, adeguato per lo smaltimento della temperatura, resinato e sigillato, livello di protezione IP67.
2. Elettronica che opera anche da SOFT-START con corrente d'avviamento non superiore al 10% della corrente di funzionamento.
3. Elettronica protetta contro il blocco accidentale della elettroventola per auto-protezione, è comunque necessario applicare un FUSIBILE (per ogni singola elettroventola) di dimensione adeguata all'assorbimento dell'elettroventola utilizzata.
4. Protezione contro inversione di polarità.
5. Protezione contro Load-Dump.
6. L'elettronica può prendere impulso dalle seguenti fonti:
  - Interruttore stabile tipo TERMOSTATO / PRESSOSTATO, segnale ON-OFF (2 cavi)
  - Interruttore instabile.
  - da Segnale di Temperatura generato da NTC, con regolazione della velocità in funzione della temperatura (2 cavi).
  - da Segnale in Tensione, da 0-10 Volt, (3 cavi).
  - da Segnale di Corrente da 4-20 mA, (2 cavi).
  - da Segnale PWM, con regolazione della velocità da 0% al 100%.
7. Lunghezza cavi 50 cm., a richiesta possiamo realizzare versioni di cavi con lunghezze speciali.
8. Temperatura ambiente di lavoro: -20°C / +85°C.

The system has following technical features :

1. Electronic is supplied in a metal box, suitable for temperature dissipation, treated with resin and sealed; protection level : IP67.
2. Electronic operates also as SOFT-START with starter current not superior than 10% of operating current.
3. Electronic is protected against fan accidental stop for self-protection; anyway it is necessary to apply a FUSE (for each single fan) with an appropriate dimension (calculated according to the absorption of used fan).
4. Protection against polarity inversion.
5. Protection against Load-Dump.
6. The electronic can take impulse from following sources :
  - Stable switch such as THERMOSTAT / PRESSURE SWITCH, ON-OFF signal (2 cables)
  - Float Switch.
  - From Temperature Signal created from NTC with speed regulation according to the temperature (2 cables)
  - From Tension Signal, from 0 to 10 Volt (3 cables)
  - From Current Signal from 4 to 20 mA (2 cables).
  - From PWM Signal, with speed regulation from 0 % to 100 %
7. Cable lenght : 50 cm. ; we can realize cables with special lenghts on demand.
8. Operating temperature :  $-20^{\circ}\text{C}$  /  $+85^{\circ}\text{C}$ .

Variatore elettronico /  
Electronic speed regulator

060100013

9. EMC = conforme alle seguenti norme di Compatibilità Elettromagnetica:  
CEE 89-336 = Ambiente Industriale EN-61000-6-4 + Ambiente Civile EN-61000-6-3  
CEE 95-54.

10. Durata oltre 200.000 cicli.

11. Tensione di alimentazione nominale 13V - corrente di lavoro 25A in continuo (max. 30A)

12. Tensione di alimentazione nominale 26V - corrente di lavoro 25A in continuo (max. 30A)

13. Cablaggio con Connettori a tenuta stagna IP67

9. EMC = conformity to the following Electromagnetic Compatibility :

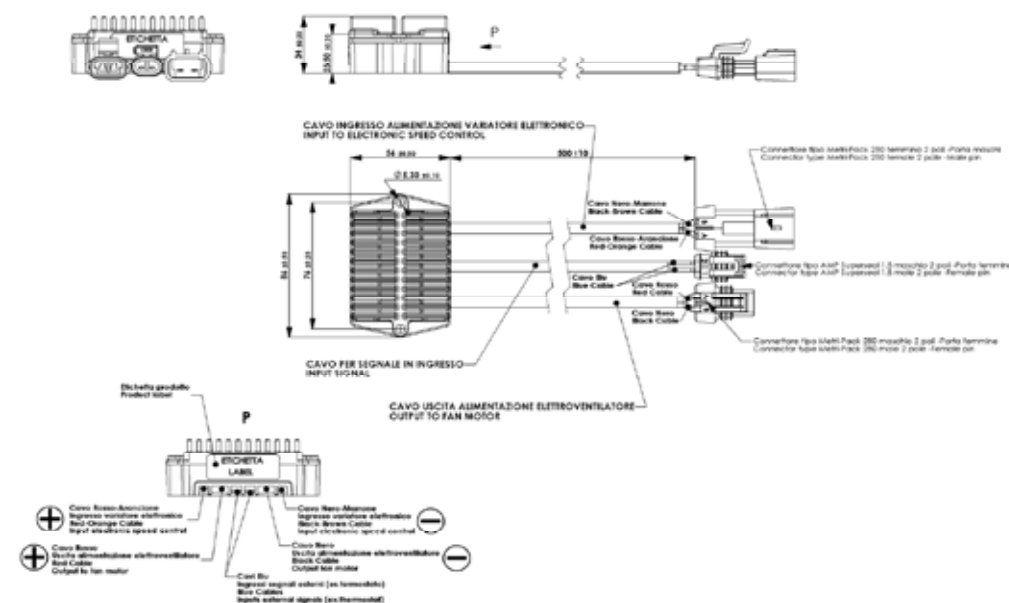
- CEE 89-336 = Industrial Environment EN-61000-6-4 + Residential Environment EN-61000-6-3
- CEE 95-54.

10. Durability more than 200.000 cycles

11. Nominal feeding tension 13V – working tension 25A continuously (max. 30A)

12. Nominal feeding tension 26V – working tension 25A continuously (max. 30A)

13. Cabling with waterproof connectors IP67



# Smoke-Dumper

Le serrande taglia fumo Gallinea sono costruite per impedire il propagarsi dei fumi nei locali della barca in caso d'incendio.

Smoke-Dumper Gallinea are designed for to avoid the smoke diffusion in the boat in case of fire.

Sono disponibili nelle versioni in acciaio inox o alluminio. Sono dotate di azionamento:

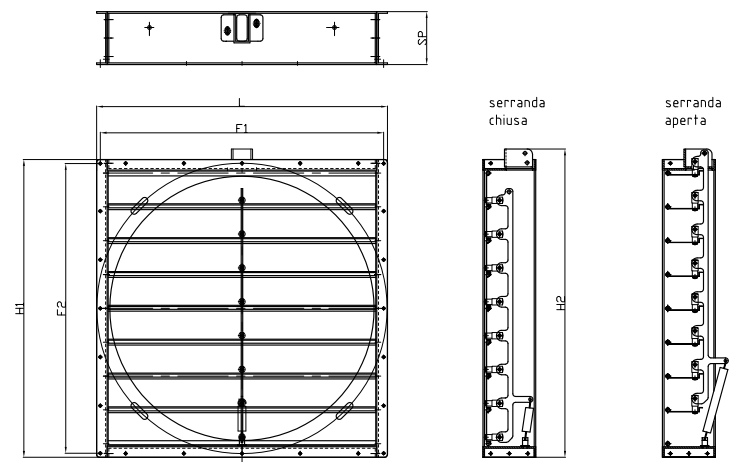
- manualmente
- per gravità
- elettrico
- pneumatico

They are available in stainless steel or aluminium. Control mode:

- manual control mode
- gravity control mode
- electric control mode
- pneumatic control mode

## Serranda manuale / manual Smoke-Dumper

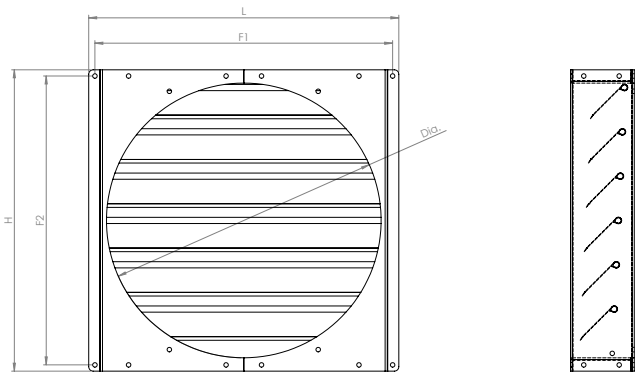
### Product features



| Codice   | Descrizione          | L   | H1  | H2  | SP  | F1  | F2  |
|----------|----------------------|-----|-----|-----|-----|-----|-----|
| 06030018 | Serranda manuale 300 | 440 | 370 | 390 | 125 |     |     |
| 06030004 | Serranda manuale 400 | 475 | 470 | 490 | 185 | 450 | 450 |
| 06030009 | Serranda manuale 500 | 550 | 565 | 585 | 100 | 536 | 548 |

## Serranda a gravità / gravity Smoke-Dumper

### Product features



| Codice   | Descrizione                                    | Dia. | L   | H   | SP | F1  | F2  |
|----------|------------------------------------------------|------|-----|-----|----|-----|-----|
| 06030029 | Serranda a gravità 300 - per ventilatore PP300 | 310  | 350 | 340 | 72 | 336 | 326 |
| 06030030 | Serranda a gravità 225 - per ventilatore PP225 | 235  | 290 | 290 | 72 | 276 | 276 |

## *Fans*