



# FARM

GENERATORI D'ARIA CALDA PENSILI A GRANDE PORTATA A COMBUSTIONE INDIRECTA  
*INDIRECT COMBUSTION HEAVY DUTY SUSPENDED SPACE HEATERS*

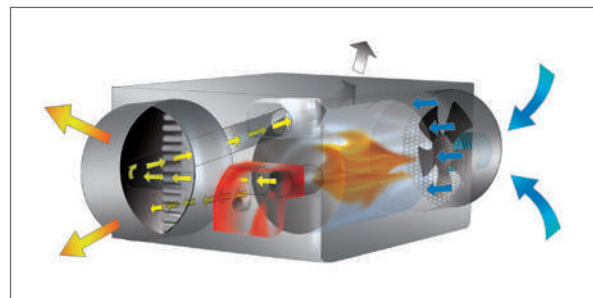
## FARM - GENERATORI D'ARIA CALDA PENSILI A GRANDE PORTATA A COMBUSTIONE INDIRETTA

- La macchina può essere installata in posizione orizzontale o verticale
- Bruciatore dotato di presa snorkel per garantire aria di combustione pulita mediante collegamento con guaina di aspirazione aria all'esterno
- Il nuovo scambiatore di calore abbinato ai nuovi ventilatori di maggiori prestazioni permettono di ottenere un rendimento termico del 92 ÷ 93%
- Pre riscaldamento e Post ventilazione camera di combustione
- Vetrino di ispezione camera di combustione
- Termostati: FAN per il controllo ventilatore; LIMIT per il controllo del bruciatore; OVERHEATING termostato di sicurezza in caso di surriscaldamento con riarmo manuale.
- Pannelli con pieghi di rinforzo a croce per garantire maggior rigidità e robustezza
- Struttura portante con pannelli rimovibili per il lavaggio interno, anche a macchina appesa
- Utilizzo esclusivamente di viti e inserti metrici per il fissaggio, no viti autofilettanti
- Ventilatore:
  - rispondente alle direttive ERP 2015
  - molto silenzioso ( rumore < 69 db a 1 metro)
  - 7 pale: alte prestazioni (portata d'aria e pressione statica) per la diffusione omogenea dell'aria calda mediante guaina perforata
  - grado di protezione IP55
  - boccaglio ventilatore per convogliare l'aria e garantire alta pressione statica
- Quadro elettrico:
  - collegabile a termostato/umidostato/timer
  - possibilità di collegamento a unità di controllo centralizzata mediante morsettiera cablata
- Ciascun componente principale (ventilatore, bruciatore, quadro elettrico, termostati, etc.) è munito di connessioni rapide di collegamento elettrico IP68:
  - velocità di montaggio/smontaggio e di intervento tecnico
  - eliminazione di errori di installazione/smontaggio
- Robusti ganci di sospensione in acciaio inox per installazione a soffitto e piedi di appoggio in acciaio inox per installazione a pavimento

*The unit can be installed horizontally or vertically, Burner is supplied with snorkel outlet to ensure clean combustion air through connection with external air aspiration duct*

*The new heat exchanger combined with the new high-performance fans allow for heat output of 92 / 93%*

- *Before heating and after cooling of combustion chamber*
- *Combustion chamber inspection glass peep-hole*
- *Thermostat: FAN for fan control; LIMIT: for burner control; OVERHEATING: safety thermostat in case of overheating, with manual reset*
- *Panels with reinforcement cross fold to ensure higher rigidity and strength*
- *Bearing structure with removable panels for internal washing, even on hanging machines*
- *All installation inserts and screws are exclusively metric, not self-tapping*
- *Fan:*
  - *in compliance with directive ERP 2015*
  - *extremely low-noise fan (noise level less than 69 db at 1 meter)*
  - *with 7 blades: high performance (air flow and static pressure) for uniform diffusion of warm air through the perforated duct*
  - *insulation class IP55*
  - *fan inlet to carry the air and ensure high static pressure*
- *Electric switchboard:*
  - *can be connected to thermostat/humidistat/timer*
  - *Can be connected to a central control unit through wired terminal*
- *Each main component (fan, burner, electrical switchboard, thermostats, etc.) is supplied with quick couplings of electrical connections IP68:*
  - *quick assembly and disassembly and technical interventions*
  - *elimination of installation and disassembly errors*
- *Sturdy suspension hooks in stainless steel for ceiling installation and support feet in stainless steel for floor installation*















ACCESSORI A RICHIESTA / ACCESSORIES ON DEMAND




| <p>RACCORDO 1 VIA<br/>ONE WAY ADAPTER</p>   | <p>PANNELLO UNA VIA LATERALE<br/>ONE WAY SIDE PANEL</p>   |
|---|---|
|    |                       |
| <p>Mod. FARM 85 (Ø 450 mm)<br/>Cod. 02AC721</p>                                     | <p>Mod. FARM 85<br/>Cod. 02AC722</p>  |
| <p>Mod. FARM 110 (Ø 500 mm)<br/>Cod. 02AC731</p>                                    | <p>Mod. FARM 110<br/>Cod. 02AC732</p>   |
| <p>Mod. FARM 145 (Ø 600 mm)<br/>Cod. 02AC741</p>                                    | <p>Mod. FARM 145<br/>Cod. 02AC742</p>   |
| <p>Mod. FARM 185 (Ø 650 mm)<br/>Cod. 02AC751</p>                                    | <p>Mod. FARM 185<br/>Cod. 02AC752</p>   |
| <p>Mod. FARM 235 (Ø 700 mm)<br/>Cod. 02AC761</p>                                    | <p>Mod. FARM 235<br/>Cod. 02AC762</p>   |
| <p>PANNELLO CON RACCORDO 2 VIE LATERALE<br/>SIDE PANEL WITH TWO WAYS ADAPTER</p>    | <p>KIT CARRELLO (SOLO PER INSTALLAZIONE VERTICALE)<br/>TROLLEY KIT (ONLY FOR VERTICAL INSTALLATION)</p> |
|  |                     |
| <p>Mod. FARM 85 (Ø 400 mm)<br/>Cod. 02AC723</p>                                     | <p>Mod. FARM 85<br/>Cod. 02AC725</p>  |
| <p>Mod. FARM 110 (Ø 400 mm)<br/>Cod. 02AC733</p>                                    | <p>Mod. FARM 110<br/>Cod. 02AC735</p>   |
| <p>Mod. FARM 145 (Ø 500 mm)<br/>Cod. 02AC743</p>                                    | <p>Mod. FARM 145<br/>Cod. 02AC745</p>   |
| <p>Mod. FARM 185 (Ø 500 mm)<br/>Cod. 02AC753</p>                                    | <p>Mod. FARM 185<br/>Cod. 02AC755</p>   |
| <p>Mod. FARM 235 (Ø 600 mm)<br/>Cod. 02AC763</p>                                    | <p>Mod. FARM 235<br/>Cod. 02AC765</p>   |

# FARM - GENERATORI D'ARIA CALDA PENSILI A GRANDE PORTATA A COMBUSTIONE INDIRETTA

| BRUCIATORE GASOLIO RIELLO<br><i>RIELLO DIESEL BURNER</i>   | BRUCIATORE RIELLO GPL+RAMPA GAS<br><i>LPG RIELLO BURNER+GAS TRAIN</i>  | BRUCIATORE RIELLO METANO+RAMPA GAS<br><i>NATURAL GAS RIELLO BURNER+GAS TRAIN</i>   |  |
|--|--|--|--|
|                                       |   |   |  |
| <b>Mod. FARM 85 DIESEL/OIL</b><br><b>Cod. 076B101</b>  | <b>Mod. FARM 85 GPL/LPG</b><br><b>Cod. 074B101-01</b>  | <b>Mod. FARM 85 METANO/NATURAL GAS</b><br><b>Cod. 074B102-01</b>   |  |
| <b>Mod. FARM 110 DIESEL/OIL</b><br><b>Cod. 076B102</b>   | <b>Mod. FARM 110/145 GPL/LPG</b><br><b>Cod. 074B103-01</b>   | <b>Mod. FARM 110/145 METANO/NATURAL GAS</b><br><b>Cod. 074B104-01</b>  |  |
| <b>Mod. FARM 145 DIESEL/OIL</b><br><b>Cod. 076B103</b>   |  |  |  |
| <b>Mod. FARM 185 DIESEL/OIL</b><br><b>Cod. 076B104</b>   |  | <b>Mod. FARM 185 METANO/NATURAL GAS</b><br><b>Cod. 074B104-02</b>  |  |
| <b>Mod. FARM 235 DIESEL/OIL</b><br><b>Cod. 076B105</b>   |  | <b>Mod. FARM 235 METANO/NATURAL GAS</b><br><b>Cod. 074B106-03</b>  |  |
| BRUCIATORE GASOLIO ECOFLAM<br><i>ECOFLAM DIESEL BURNER</i>   | KIT SNORKEL PER PRESA ARIA<br>PULITA DALL'ESTERNO MEDIANTE<br>COLLEGAMENTO GUAINA<br><i>SNORKEL KIT FOR ECOFLAM BURNER</i>           | PASSAPARETE SNORKEL + GUAINA FLESSIBILE<br><i>SNORKEL PASS PLATE + FLEXIBLE DUCT</i>   |  |
|                                      |    |    |  |
| <b>Mod. FARM 85 DIESEL/OIL</b><br><b>Cod. 072B111</b>  | <b>Mod. FARM 85/110 (Ø 80/100 mm)</b><br>ECOFLAM<br><b>Cod. 02AC602</b>  | <b>Mod. FARM 85/110/145/185 (Ø 100 mm)</b><br><b>Cod. 02AC793</b>  |  |
| <b>Mod. FARM 110 DIESEL/OIL</b><br><b>Cod. 072B112</b>   |  | <b>Mod. FARM 235 (Ø 150 mm)</b><br><b>Cod. 02AC794</b>   |  |
| <b>Mod. FARM 145 DIESEL/OIL</b><br><b>Cod. 072B113</b>   |  | <b>Mod. Guaina/Duct FARM 85/110/145/185</b><br>RIELLO/ECOFLAM (Ø 100 mm, l=5m)<br><b>Cod. 02AC577</b>  |  |
| <b>Mod. FARM 185 DIESEL/OIL</b><br><b>Cod. 072B114</b>   |  |  | <b>Mod. Guaina/Duct FARM 235</b><br>RIELLO (Ø 150 mm, l=5m)<br><b>Cod. 02AC792</b> |
| <b>Mod. FARM 235 DIESEL/OIL</b><br><b>Cod. 072B115</b>   |  |  |  |
| TERMOSTATO AMBIENTE +5/+30°C<br>CON CAVO L=10 m E SPINA 90°<br><i>ROOM THERMOSTAT +5/+30°C</i><br>CABLE 10 m, PLUG 90° | TERMOSTATO AGRICOLTURA/CANTIERE<br>-5/+50°C CON CAVO L=10 m E SPINA 90°<br><i>HEAVY DUTY THERM. -5/+50°C</i><br>CABLE 10 m, PLUG 90° | TERMOSTATO ELETTRONICO DI<br>PRECISIONE IP55 CON DISPLAY -10/+70°C<br>SENZA CAVO E SPINA<br><i>ELECTRONIC THERMOSTAT IP55</i><br>WITH DISPLAY -10/+70°C<br>WITHOUT POWER CORD AND PLUG |  |
|                                     |   |   |  |
| <b>Cod. 02AC581</b>  | <b>Cod. 02AC582</b>  | <b>Cod. 02AC294</b>  |  |
| FILTRO GASOLIO RISCALDANTE<br><i>PRE-HEATED FUEL FILTER</i>  | KIT COLLEGAMENTO MONOTUBO<br>CON FILTRO<br><i>SINGLE PIPE EXTERNAL FUEL TANK</i><br>CONNECTION KIT WITH DEAERATOR                    | FILTRO SEPARATORE ACQUA<br><i>ANTI-WATER FILTER</i>  |  |
|                                     |   |   |  |
| <b>Cod. 02AC548</b>  | <b>Cod. 02AC800</b>  | <b>Cod. 02AC801</b>  |  |

|   |   |   |
|---|---|---|
| <p><b>FILTRO GAS</b><br/><b>GAS FILTER</b><br/>(P.in MAX 2 bar)</p>   | <p><b>FILTRO REGOLATORE GAS</b><br/><b>GAS FILTER REGULATOR</b><br/>(P.in MAX 2 bar)</p>  | <p><b>TUBO GAS MEDIA PRESSIONE (l= 3 m) + VALVOLA CHIUSURA + RACCORDI COLLEGAMENTO</b><br/><b>MEDIUM PRESSURE GAS HOSE (l= 3 m) + GAS VALVE + CONNECTIONS</b><br/>(P. MAX 10 bar)</p> |
|    |    |    |
| <p><b>Mod. FARM 85/110/145 (DN 25 - 1")</b><br/><b>Cod. 03AC603</b></p>   | <p><b>Mod. FARM 85/110/145</b><br/><b>GAS METANO - NATURAL GAS</b><br/>(DN 25 3/4" or 1") (P.out set. 20mbar)<br/><b>Cod. 03AC617</b></p> | <p><b>Mod. FARM 85/110/145 Tubo/Hose gas 1"</b><br/><b>Cod. 03AC615</b></p>   |
| <p><b>Mod. FARM 185/235 (DN 32 - 1 1/4")</b><br/><b>Cod. 03AC604</b></p>  | <p><b>Mod. FARM 85/110/145</b><br/><b>GPL - LPG</b><br/>(DN 25 3/4" or 1") (P.out set. 30mbar)<br/><b>Cod. 03AC618</b></p>                | <p><b>Mod. FARM 185/235 Tubo/Hose gas 1 1/4"</b><br/><b>Cod. 03AC616</b></p>  |
| <p><b>TUBO GAS BASSA PRESSIONE (l= 2 m) + VALVOLA CHIUSURA + RACCORDI COLLEGAMENTO</b><br/><b>LOW PRESSURE GAS HOSE (l= 2 m) + GAS VALVE + CONNECTIONS</b><br/>(P.in MAX 0,5 bar)</p> | <p><b>CONTROLLO REMOTO PER SINGOLA MACCHINA (Distanza massima 3m)</b><br/><b>SINGLE UNIT REMOTE CONTROL (MAX DISTANCE 3m)</b></p>         | <p><b>KIT TEMPORIZZATORE PER ACCENSIONE MACCHINE CON TEMPI DIFFERENTI E SEQUENZIALI</b><br/><b>DELAYED AND SEQUENTIAL STARTING RELAY</b></p>  |
|   |   |   |
| <p><b>Mod. FARM 85/110/145 Tubo/Hose gas 1"</b><br/><b>Cod. 03AC612</b></p>   | <p><b>Cod. 02AC802</b></p>  | <p><b>Cod. 02AC803</b></p>  |
| <p><b>CONVERSA</b><br/><b>CHIMNEY PASS-PLATE</b></p>  | <p><b>CURVA A 90° SCARICO FUMI IN INOX</b><br/><b>STAINLESS STEEL EXHAUST ELBOW</b></p>   | <p><b>TUBO SCARICO FUMI INOX (L = 1 m)</b><br/><b>STAINLESS STEEL EXHAUST PIPE (L = 1 m)</b></p>  |
|    |    |    |
| <p><b>Mod. FARM 85/110 (Ø 150 mm)</b><br/><b>Cod. 02AC432</b></p>   | <p><b>Mod. FARM 85/110 (Ø 150 mm)</b><br/><b>Cod. 02AC288</b></p>   | <p><b>Mod. FARM 85/110 (Ø 150 mm)</b><br/><b>Cod. 02AC285</b></p>   |
| <p><b>Mod. FARM 145/185/235 (Ø 200 mm)</b><br/><b>Cod. 02AC412</b></p>  | <p><b>Mod. FARM 145/185/235 (Ø 200 mm)</b><br/><b>Cod. 02AC290</b></p>  | <p><b>Mod. FARM 145/185/235 (Ø 200 mm)</b><br/><b>Cod. 02AC287</b></p>  |
| <p><b>TERMINALE PER CAMINO IN INOX</b><br/><b>STAINLESS STEEL CHIMNEY POT</b></p>   | <p><b>RACCORDO ASPIRAZIONE 1 VIA</b><br/><b>AIR INLET ADAPTER</b></p>   | <p><b>GUAINA RINFORZATA PER RIPRESA ARIA</b><br/><b>REINFORCED FLEXIBLE AIR INLET DUCT</b></p>  |
|    |    |    |
| <p><b>Mod. FARM 85/110 (Ø 150 mm)</b><br/><b>Cod. 02AC657</b></p>   | <p><b>Mod. FARM 85 (Ø 505 mm)</b><br/><b>Cod. 02AC724</b></p>   | <p><b>Mod. FARM 85 (Ø 510 mm, l=6m)</b><br/><b>Cod. 02AC795</b></p>   |
| <p><b>Mod. FARM 145/185/235 (Ø 200 mm)</b><br/><b>Cod. 02AC658</b></p>  | <p><b>Mod. FARM 110 (Ø 565 mm)</b><br/><b>Cod. 02AC734</b></p>  | <p><b>Mod. FARM 110 (Ø 570 mm, l=6m)</b><br/><b>Cod. 02AC796</b></p>  |
|   | <p><b>Mod. FARM 145-185 (Ø 625 mm)</b><br/><b>Cod. 02AC744</b></p>  | <p><b>Mod. FARM 145-185 (Ø 650 mm, l=6m)</b><br/><b>Cod. 02AC797</b></p>  |
|   | <p><b>Mod. FARM 235 (Ø 715 mm)</b><br/><b>Cod. 02AC764</b></p>  | <p><b>Mod. FARM 235 (Ø 720 mm, l=6m)</b><br/><b>Cod. 02AC798</b></p>  |

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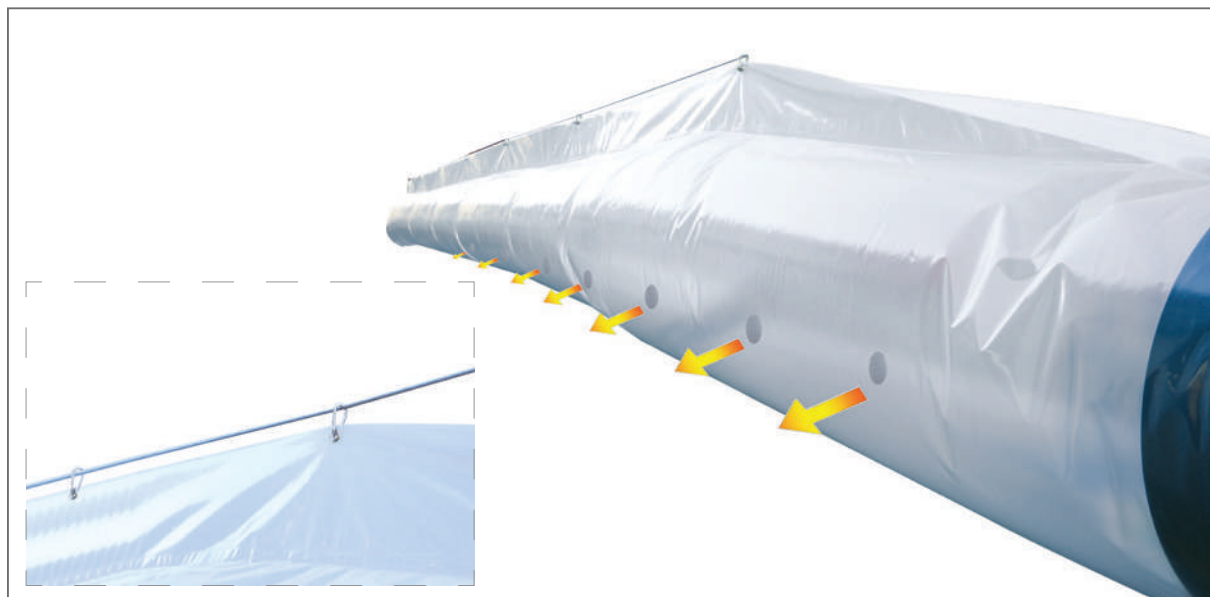
| FASCETTA FISSAGGIO GUAINA<br>MANDATA E RIPRESA ARIA<br>CLIP FOR FLEXIBLE AIR INLET/OUTLET<br>DUCT | PROLUNGA RIDUZIONE TEMPERATURA<br>PER GUAINA PREFORATA IN PVC<br>PREFORATED PVC FLEXIBLE<br>AIR DUCT EXTENSION | KIT FISSAGGIO GUAINA PREFORATA<br>IN PVC<br>PREFORATED PVC FLEXIBLE AIR DUCT<br>HANGING KIT |
|---|--|---|
|                  |                               |          |
| <b>Mod. Tutti/All (Ø 400-750 mm)</b><br><b>Cod. 02AC663</b>                                       | <b>Mod. FARM 85 (Ø 455 mm l=1 m)</b><br><b>Cod. 02AC808</b>  | <b>Mod. Tutti - All (cavo/cable 45m + ganci/hooks)</b><br><b>Cod. 02AC789</b>               |
|   | <b>Mod. FARM 110 (Ø 505 mm l=1 m)</b><br><b>Cod. 02AC809</b>   |   |
|   | <b>Mod. FARM 145 (Ø 605 mm l=1 m)</b><br><b>Cod. 02AC810</b>   | <b>Mod. Tutti - All (cavo/cable 70m + ganci/hooks)</b><br><b>Cod. 02AC790</b>               |
|   | <b>Mod. FARM 185 (Ø 655 mm l=1 m)</b><br><b>Cod. 02AC811</b>   | <b>Mod. Tutti - All (cavo/cable 120m + ganci/ hooks)</b><br><b>Cod. 02AC791</b>             |
|   | <b>Mod. FARM 235 (Ø 705 mm l=1 m)</b><br><b>Cod. 02AC812</b>   |   |

## GUAINE PREFORATE / PREFORATED DUCT

BM2 raccomanda l'utilizzo solo ed esclusivamente delle guaine preforate elencate in tabella (pag.101) le quali sono state studiate e definite per ciascun modello FARM al fine di ottenere sempre ed in qualunque situazione l'ottimale bilanciamento fra lunghezza della guaina stessa, la diffusione dell'aria calda ed un corretto funzionamento dei termostati di sicurezza. Inoltre le guaine sono state dotate di appositi occhielli metallici per una facile e sicura sospensione ed estensione/riduzione.

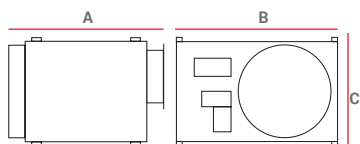
*In order to always obtain under all circumstances the optimal balance between the duct length, warm air diffusion and the correct functioning of safety thermostats, BM2 recommends to exclusively use only the perforated ducts listed in the the table (page 101) which have been designed and defined for each FARM model. Furthermore these ducts are supplied with special metal rings for safe and easy hanging, extension or reduction.*

## GUAINE PREFORATE / PREFORATED DUCT

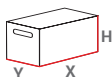


| MODELLO<br>MODEL | CODICE<br>CODE | LUNGHEZZA GUAINA<br>PREFORATA (m)<br>LENGHT PREFORATED<br>AIR DUCT (m) | Ø GUAINA PREFORATA<br>(mm)<br>Ø PREFORATED AIR DUCT<br>(mm) | L.min RIDUCIBILE (m)<br>REDUCIBLE<br>L.min (m) | N° FORI<br>(Ø 50 mm)<br>N° HOLES<br>(Ø 50 mm) |
|------------------|----------------|--|---|--|---|
| FARM 85          | 02AC766        | 25m (1 via/ 1 way)   | 500   | 10   | 200   |
|                  | 02AC767        | 50m (1 via/ 1 way)   | 500   | 20   | 200   |
|                  | 02AC768        | 100m (1 via/ 1 way)  | 500   | 40   | 200   |
|                  | 02AC769        | 25m (2 vie/ 2 ways)  | 400   | 10   | 100   |
|                  | 02AC770        | 50m (2 vie/ 2 ways)  | 400   | 20   | 100   |
| FARM 110         | 02AC771        | 25m (1 via/ 1 way)   | 500   | 10   | 270   |
|                  | 02AC772        | 50m (1 via/ 1 way)   | 500   | 20   | 270   |
|                  | 02AC773        | 100m (1 via/ 1 way)  | 500   | 40   | 270   |
|                  | 02AC774        | 25m (2 vie/ 2 ways)  | 400   | 10   | 140   |
|                  | 02AC775        | 50m (2 vie/ 2 ways)  | 400   | 20   | 140   |
| FARM 145         | 02AC776        | 25m (1 via/ 1 way)   | 600   | 15   | 200   |
|                  | 02AC777        | 50m (1 via/ 1 way)   | 600   | 20   | 200   |
|                  | 02AC778        | 100m (1 via/ 1 way)  | 600   | 40   | 200   |
|                  | 02AC779        | 25m (2 vie/ 2 ways)  | 500   | 10   | 100   |
|                  | 02AC780        | 50m (2 vie/ 2 ways)  | 500   | 20   | 100   |
| FARM 185         | 02AC781        | 25m (1 via/ 1 way)   | 700   | 15   | 200   |
|                  | 02AC782        | 50m (1 via/ 1 way)   | 700   | 30   | 200   |
|                  | 02AC783        | 100m (1 via/ 1 way)  | 700   | 60   | 200   |
|                  | 02AC779        | 25m (2 vie/ 2 ways)  | 500   | 10   | 100   |
|                  | 02AC780        | 50m (2 vie/ 2 ways)  | 500   | 30   | 100   |
| FARM 235         | 02AC784        | 25m (1 via/ 1 way)   | 700   | 15   | 250   |
|                  | 02AC785        | 50m (1 via/ 1 way)   | 700   | 30   | 250   |
|                  | 02AC786        | 100m (1 via/ 1 way)  | 700   | 60   | 250   |
|                  | 02AC787        | 25m (2 vie/ 2 ways)  | 600   | 10   | 150   |
|                  | 02AC788        | 50m (2 vie/ 2 ways)  | 600   | 30   | 150   |

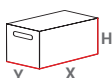
# FARM - GENERATORI D'ARIA CALDA PENSILI A GRANDE PORTATA A COMBUSTIONE INDIRETTA



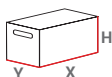
1/3



2/3



3/3



| MOD      | PESI E DIMENSIONI MACCHINA*<br>WEIGHTS AND DIMENSIONS MACHINE |       |      |           | IMBALLO<br>PACKAGING |       |      |             |
|----------|---|-------|------|-----------|----------------------|-------|------|-------------|
|          | A   | B     | C    | Netto/Net | X                    | Y     | H    | Lordo/Gross |
|          | [mm]  | [mm]  | [mm] | [kg]      | [mm]                 | [mm]  | [mm] | [kg]        |
| FARM 85  | 980   | 910   | 738  | 99        | -                    | -     | -    | -           |
| 1/3      | -   | -     | -    | -         | 1.020                | 920   | 740  | 104         |
| 2/3      | -   | -     | -    | -         | 500                  | 500   | 320  | 17          |
| 3/3      | -   | -     | -    | -         | 360                  | 325   | 190  | 4,5         |
| FARM 110 | 1.110   | 950   | 768  | 122       | -                    | -     | -    | -           |
| 1/3      | -   | -     | -    | -         | 1.150                | 950   | 768  | 127         |
| 2/3      | -   | -     | -    | -         | 560                  | 560   | 320  | 20          |
| 3/3      | -   | -     | -    | -         | 360                  | 325   | 190  | 4,5         |
| FARM 145 | 1.220   | 1.080 | 838  | 158       | -                    | -     | -    | -           |
| 1/3      | -   | -     | -    | -         | 1.238                | 1.085 | 838  | 163         |
| 2/3      | -   | -     | -    | -         | 620                  | 620   | 320  | 22          |
| 3/3      | -   | -     | -    | -         | 360                  | 325   | 190  | 4,5         |
| FARM 185 | 1.324   | 1.140 | 858  | 163       | -                    | -     | -    | -           |
| 1/3      | -   | -     | -    | -         | 1.335                | 1.150 | 860  | 168         |
| 2/3      | -   | -     | -    | -         | 620                  | 620   | 320  | 22          |
| 3/3      | -   | -     | -    | -         | 360                  | 325   | 190  | 4,5         |
| FARM 235 | 1.514   | 1.310 | 938  | 233       | -                    | -     | -    | -           |
| 1/3      | -   | -     | -    | -         | 1.550                | 1.320 | 940  | 238         |
| 2/3      | -   | -     | -    | -         | 700                  | 700   | 350  | 25          |
| 3/3      | -   | -     | -    | -         | 360                  | 325   | 190  | 4,5         |

\* Macchina completa con bruciatore, ventilatore ed uscita 1 via frontale  
Complete machine with burner, fan and 1 way frontal adapter

## A RICHIESTA MACCHINA IMBALLATA (SCATOLA, PEDANA) ON DEMAND PACKAGING FOR FARM (CARTON BOX, PALLET)



| MODELLO<br>MODEL                    | CODICE<br>CODE | DIMENSIONI IMBALLO<br>PACKAGING DIMENSIONS | PESO LORDO TOTALE (kg)<br>TOTAL GROSS WEIGHT (kg) |
|-------------------------------------|----------------|--|---|
| FARM 85<br>(MONOFASE-SINGLE PHASE)  | 99AA120        | 1490 x 960 x h= 910                        | 123   |
| FARM 110<br>(MONOFASE-SINGLE PHASE) | 99AA130        | 1660 x 1010 x h= 930                       | 142   |
| FARM 145<br>(MONOFASE-SINGLE PHASE) | 99AA140        | 1795 x 1120 x h= 1010                      | 187   |
| FARM 185<br>(MONOFASE-SINGLE PHASE) | 99AA150        | 1930 x 1210 x h= 1030                      | 204   |
| FARM 235<br>(MONOFASE-SINGLE PHASE) | 99AA160        | 2130 x 1370 x h= 1110                      | 258   |
| FARM 145<br>(TRIFASE-THREE PHASE)   | 99AA140        | 1795 x 1120 x h= 1010                      | 187   |
| FARM 185<br>(TRIFASE-THREE PHASE)   | 99AA150        | 1930 x 1210 x h= 1030                      | 204   |
| FARM 235<br>(TRIFASE-THREE PHASE)   | 99AA160        | 2130 x 1370 x h= 1110                      | 258   |



## FARM - INDIRECT COMBUSTION HEAVY DUTY SUSPENDED SPACE HEATERS

| MODELLO<br>MODEL   |                                | MONOFASE / SINGLE PHASE    |                             |                              |                              |                              | TRIFASE / THREE PHASE        |                              |                              |
|--|--------------------------------|----------------------------|-----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
|  |                                | FARM<br>85M *<br>(OIL-GAS) | FARM<br>110M *<br>(OIL-GAS) | FARM<br>145M *<br>(OIL-GAS)  | FARM<br>185M *<br>(OIL-GAS)  | FARM<br>235M *<br>(OIL-GAS)  | FARM<br>145T *<br>(OIL-GAS)  | FARM<br>185T *<br>(OIL-GAS)  | FARM<br>235T *<br>(OIL-GAS)  |
| CODICE<br>CODE   |                                | 02FA121                    | 02FA131                     | 02FA141                      | 02FA151                      | 02FA161                      | 02FA142                      | 02FA152                      | 02FA162                      |
| POTENZA TERMICA<br>NOMINALE<br>RATED HEAT POWER  | Hs [kW]<br>Hs [kcal/h - BTU/h] | 85,62<br>73.630<br>294.518 | 110,46<br>94.999<br>379.996 | 144,72<br>124.455<br>497.821 | 185,54<br>159.563<br>638.254 | 235,72<br>202.715<br>810.861 | 144,72<br>124.455<br>497.821 | 185,54<br>159.563<br>638.254 | 235,72<br>202.715<br>810.861 |
| POTENZA TERMICA<br>RESA<br>OUTPUT HEAT POWER   | Hs [kW]<br>Hs [kcal/h - BTU/h] | 79,37<br>68.255<br>273.019 | 102,51<br>88.159<br>352.636 | 134,87<br>115.992<br>463.969 | 171,07<br>147.117<br>588.470 | 216,86<br>186.498<br>745.992 | 134,87<br>115.992<br>463.969 | 171,07<br>147.117<br>588.470 | 216,86<br>186.498<br>745.992 |
| RENDIMENTO<br>EFFICIENCY   | [ % ]                          | 92,70                      | 92,80                       | 93,20                        | 92,20                        | 92,00                        | 93,20                        | 92,20                        | 92,00                        |
| PORTATA D'ARIA<br>AIR FLOW   | [ m <sup>3</sup> /h ]          | 7.000                      | 8.500                       | 11.000                       | 12.000                       | 16.200                       | 11.000                       | 12.000                       | 16.200                       |
| PRESS. STATICA DISP.<br>AVAILABLE STATIC PRESS   | [ Pa- mm H <sub>2</sub> O ]    | 200-20                     | 200-20                      | 200-20                       | 200-20                       | 200-20                       | 200-20                       | 200-20                       | 200-20                       |
| SALTO TERMICO<br>TEMPERATURE RISE  | a 20°C [ °C ]                  | 48                         | 52                          | 52                           | 61                           | 58                           | 52                           | 61                           | 58                           |
| CAMPO DI LAVORO<br>EFFETTIVO<br>EFFECTIVE HEAT RANGE                                   | [ m ]                          | 45                         | 43                          | 43                           | 51                           | 55                           | 43                           | 51                           | 55                           |
| CONSUMO GASOLIO<br>OIL CONSUMPTION   | [ kg/h ]                       | 6,77                       | 8,74                        | 11,45                        | 14,68                        | 18,65                        | 11,45                        | 14,68                        | 18,65                        |
| CONSUMO METANO<br>NATURAL GAS<br>CONSUMPTION G20                                       | [ m <sup>3</sup> /h ]          | 7,935                      | 10,433                      | 13,664                       | 17,383                       | 22,095                       | 13,664                       | 17,383                       | 22,095                       |
| PRESSIONE ALIM.<br>INLET PRESSURE G20  | [ mbar ]                       | 20                         | 20                          | 20                           | 20                           | 20                           | 20                           | 20                           | 20                           |
| CONSUMO GPL<br>LPG CONSUMPTION G31   | [ m <sup>3</sup> /h - kg/h ]   | 3,127 - 6,10               | 4,191 - 8,07                | 5,436 - 10,53                | 6,976 - 13,59                | 8,819 - 17,17                | 5,436 - 10,53                | 6,976 - 13,59                | 8,819 - 17,17                |
| PRESSIONE ALIM.<br>INLET PRESSURE G31  | [ mbar ]                       | 30/37                      | 30/37                       | 30/37                        | 30/37                        | 30/37                        | 30/37                        | 30/37                        | 30/37                        |
| ALIMENTAZIONE<br>ELETTRICA<br>ELECTRICAL POWER   | [ V - ph - Hz ]                | 230-1-50                   | 230-1-50                    | 230-1-50                     | 230-1-50                     | 230-1-50                     | 400-3-50<br>(230-3-50)◆      | 400-3-50<br>(230-3-50)◆      | 400-3-50<br>(230-3-50)◆      |
| POTENZA ELETTRICA<br>POWER CONSUMPTION   | [ W ]                          | 670                        | 1.190                       | 1.570                        | 1.550                        | 2.550                        | 1.500                        | 1.550                        | 2.500                        |
| Ø CAMINO<br>Ø FLUE   | [ mm ]                         | 150                        | 150                         | 200                          | 200                          | 200                          | 200                          | 200                          | 200                          |
| Ø GUAINA USCITA ARIA<br>PREFORATA / L. MAX.<br>Ø OUTLET PREFORATED<br>DUCT / L. MAX ** | [ mm/m ]<br>1 VIA              | 500/100                    | 500/100                     | 600/100                      | 700/100                      | 700/100                      | 600/100                      | 700/100                      | 700/100                      |
|  | [ mm/m ]<br>2 VIE              | 400/50                     | 400/50                      | 500/50                       | 500/50                       | 600/50                       | 500/50                       | 500/50                       | 600/50                       |
| Ø GUAINA<br>SNORKEL / L. MAX.<br>Ø OUTLET<br>SNORKEL / L. MAX                          | [ mm/m ]                       | 100/5                      | 100/5                       | 100/5                        | 100/5                        | 150/5                        | 100/6                        | 100/6                        | 150/6                        |
| Ø GUAINA RIPRESA<br>ARIA / L. MAX.<br>Ø INLET HOSE / L. MAX                            | [ mm/m ]                       | 510/6                      | 570/6                       | 650/6                        | 650/6                        | 720/6                        | 650/6                        | 650/6                        | 720/6                        |

\* Macchina senza bruciatore ed uscita aria - Machine without burner and air adapter

\*\* Vedi pag.101 - See page 101

◆ Disponibile su richiesta - Available on demand

FARM - GENERATORI D'ARIA CALDA PENSILI A GRANDE PORTATA A COMBUSTIONE  
INDIRETTA  
INDIRECT COMBUSTION HEAVY DUTY SUSPENDED SPACE HEATERS

IMBALLAGGIO/PACKAGING

| FARM 85          |   |  |
|------------------|---|--|
|                  | FARM smontati orizzontali *<br>FARM horizontal disassembled * | FARM montati orizzontali con imballo e pedana *<br>FARM horizontal, assembled with carton box and pallet * |
| CONTAINER 20'    | 27  | 16   |
| CONTAINER 40'    | 60  | 32   |
| CONTAINER 40' HC | 60  | 48   |
| TIR              | 66  | 69   |

| FARM 110         |   |  |
|------------------|---|--|
|                  | FARM smontati orizzontali *<br>FARM horizontal disassembled * | FARM montati orizzontali con imballo e pedana *<br>FARM horizontal, assembled with carton box and pallet * |
| CONTAINER 20'    | 24  | 12   |
| CONTAINER 40'    | 51  | 28   |
| CONTAINER 40' HC | 51  | 42   |
| TIR              | 60  | 48   |

| FARM 145         |   |  |
|------------------|---|--|
|                  | FARM smontati orizzontali *<br>FARM horizontal disassembled * | FARM montati orizzontali con imballo e pedana *<br>FARM horizontal, assembled with carton box and pallet * |
| CONTAINER 20'    | 14  | 12   |
| CONTAINER 40'    | 30  | 28   |
| CONTAINER 40' HC | 42  | 28   |
| TIR              | 38  | 28   |

| FARM 185         |   |  |
|------------------|---|--|
|                  | FARM smontati orizzontali *<br>FARM horizontal disassembled * | FARM montati orizzontali con imballo e pedana *<br>FARM horizontal, assembled with carton box and pallet * |
| CONTAINER 20'    | 10  | 8  |
| CONTAINER 40'    | 20  | 20   |
| CONTAINER 40' HC | 30  | 20   |
| TIR              | 22  | 22   |

| FARM 235         |   |  |
|------------------|---|--|
|                  | FARM smontati orizzontali *<br>FARM horizontal disassembled * | FARM montati orizzontali con imballo e pedana *<br>FARM horizontal, assembled with carton box and pallet * |
| CONTAINER 20'    | 8   | 8  |
| CONTAINER 40'    | 18  | 16   |
| CONTAINER 40' HC | 18  | 16   |
| TIR              | 20  | 20   |

\* Quantità massima da verificare a seconda degli accessori selezionati - Maximum values to be verified depending on the chosen accessories