



programma di produzione

# BRUCIATORI Burners

production program

## Mezzo secolo di attività

Blowtherm dal 1956 è protagonista nel settore del riscaldamento civile, industriale ed impianti di verniciatura.

Il gruppo industriale progetta e realizza secondo standard di qualità elevati.

Oggi Blowtherm distribuisce i prodotti costruiti nei suoi stabilimenti in oltre sessanta paesi del mondo.



## A half century old firm

*Blowtherm has, since 1956, a main role in the civil and industrial heating and in the refinishing field. The industrial group plans and realizes its products with a high quality standard. Today Blowtherm sells the products manufactured in its factories in more than 60 countries all over the world.*



# i BRUCIATORI di BLOWTHERM

BLOWTHERM  
BURNERS

**Blowtherm** è lieta di presentare **il rinnovato e completo programma di produzione di bruciatori** in grado di rispondere con assoluta garanzia di qualità a tutte le richieste, dalla piccola utenza al grande impianto civile e alle aspettative del più complesso impianto industriale dove sono richieste potenzialità ed affidabilità all'avanguardia.

***Blowtherm** is pleased to present **the renewed and complete burners production program**, able to satisfy all needs, thanks to the absolute guarantee of quality from the small up to the big civil plants, and the expectations of the most complex industrial plant, where vanguard capacities and reliability are required.*

- **Bruciatori di GASOLIO**
  - **Bruciatori di GAS**
  - **Bruciatori di OLIO COMBUSTIBILE**
  - **Bruciatori MISTI**
- 
- ***LIGHT OIL Burners***
  - ***GAS Burners***
  - ***HEAVY OIL Burners***
  - ***Dual fuel burners GAS/LIGHT OIL***

# LIGHT OIL BURNERS

# BRUCIATORI di GASOLIO

## MONOSTADIO per caldaie normali e semipressurizzate

### SINGLE STAGE

for normal and semipressurized boilers

| modello<br>model | portata<br>fuel consumption | potenza<br>termica<br>heat output | aliment.<br>elettrica<br>voltage | lunghezza<br>boccaglio<br>burner head<br>length |
|------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------------------------|
|                  | Kg/h.                       | kW                                |                                  | mm                                              |
| MKAL 3 ES        | 2 ÷ 3,3                     | 23,7 ÷ 39,1                       | 1 ph                             | 112                                             |
| MKAL 3 ER        | 1,2 ÷ 3,1                   | 14,2 ÷ 36,7                       | 1 ph                             | 112                                             |
| MKAL 6 ES        | 2 ÷ 5                       | 23,7 ÷ 59,2                       | 1 ph                             | 112                                             |
| MKAL 6 E         | 2 ÷ 5                       | 23,7 ÷ 59,2                       | 1 ph                             | 112                                             |
| MKAL 6 ER        | 2 ÷ 5                       | 23,7 ÷ 59,2                       | 1 ph                             | 112                                             |
| MKAL 6 E TL      | 2 ÷ 5                       | 23,7 ÷ 59,2                       | 1 ph                             | 152                                             |
| MKAL10 ES        | 4 ÷ 9,8                     | 47,3 ÷ 116                        | 1 ph                             | 112                                             |
| MKAL 10 E        | 4 ÷ 9,8                     | 47,3 ÷ 116                        | 1 ph                             | 112                                             |
| MKAL 14 ES       | 7 ÷ 15                      | 83 ÷ 178                          | 1 ph                             | 130                                             |
| MKAL 14 ES TL    | 7 ÷ 15                      | 83 ÷ 178                          | 1 ph                             | 250                                             |
| MKAL 14 E        | 7 ÷ 15                      | 83 ÷ 178                          | 1 ph                             | 130                                             |
| MKAL 14 E TL     | 7 ÷ 15                      | 83 ÷ 178                          | 1 ph                             | 250                                             |
| MKL 20/FS        | 10 ÷ 20                     | 118 ÷ 237                         | 1 ph                             | 130                                             |
| MKL 20/F TL S    | 10 ÷ 20                     | 118 ÷ 237                         | 1 ph                             | 250                                             |
| MKL 30/FS        | 13 ÷ 30                     | 153 ÷ 355                         | 1 ph                             | 130                                             |
| MKL 30/F TL S    | 13 ÷ 30                     | 153 ÷ 355                         | 1 ph                             | 250                                             |



mod. MKAL 10

## BISTADIO A SALTO DI PRESSIONE per caldaie normali e semipressurizzate

### TWIN STAGE WITH FALL OF PRESSURE

for normal and semipressurized boilers

|               |         |            |      |     |
|---------------|---------|------------|------|-----|
| MKAL 10.22    | 4 ÷ 9,8 | 47,3 ÷ 116 | 1 ph | 112 |
| MKAL 10.22 TL | 4 ÷ 9,8 | 47,3 ÷ 116 | 1 ph | 152 |
| MKAL 14.22    | 7 ÷ 15  | 83 ÷ 178   | 1 ph | 130 |
| MKAL 14.22 TL | 7 ÷ 15  | 83 ÷ 178   | 1 ph | 250 |



mod. MKAL 14.22



mod. MKL 20/2 F



mod. MKSF 50/2



mod. MKSF 150/2

## **BISTADIO per caldaie normali e pressurizzate**

### **TWIN STAGE**

for normal and pressurized boilers

| modello<br><i>model</i> | portata<br><i>fuel consumption</i> | potenza<br>termica<br><i>heat output</i> | aliment.<br>elettrica<br><i>voltage</i> | lunghezza<br>boccaglio<br><i>burner head<br/>length</i> |
|-------------------------|------------------------------------|------------------------------------------|-----------------------------------------|---------------------------------------------------------|
|                         | <b>Kg/h.</b>                       | <b>kW</b>                                |                                         | <b>mm</b>                                               |
| MKL 20/2 F              | 10 ÷ 20                            | 118 ÷ 237                                | 1 ph                                    | 130                                                     |
| MKL 20/2 F TL           | 10 ÷ 20                            | 118 ÷ 237                                | 1 ph                                    | 250                                                     |
| MKL 30/2 F              | 13 ÷ 30                            | 153 ÷ 355                                | 1 ph                                    | 130                                                     |
| MKL 30/2 F TL           | 13 ÷ 30                            | 153 ÷ 355                                | 1 ph                                    | 250                                                     |
| MKSF 50/2               | 20 ÷ 50                            | 237 ÷ 592                                | 3 ph                                    | 250                                                     |
| MKSF 50/2 TL            | 20 ÷ 50                            | 237 ÷ 592                                | 3 ph                                    | 335                                                     |
| MKSF 80/2               | 35 ÷ 70                            | 406 ÷ 812                                | 3 ph                                    | 250                                                     |
| MKSF 80/2 TL            | 35 ÷ 70                            | 406 ÷ 812                                | 3 ph                                    | 335                                                     |
| MKSF 100/2 K            | 40 ÷ 100                           | 464 ÷ 1160                               | 3 ph                                    | 250                                                     |
| MKSF 100/2 TL K         | 40 ÷ 100                           | 464 ÷ 1160                               | 3 ph                                    | 385                                                     |
| MKSF 120/2              | 60 ÷ 120                           | 696 ÷ 1392                               | 3 ph                                    | 200                                                     |
| MKSF 120/2 TL           | 60 ÷ 120                           | 696 ÷ 1392                               | 3 ph                                    | 400                                                     |
| MKSF 150/2              | 75 ÷ 150                           | 870 ÷ 1740                               | 3 ph                                    | 200                                                     |
| MKSF 150/2 TL           | 75 ÷ 150                           | 870 ÷ 1740                               | 3 ph                                    | 400                                                     |

LIGHT OIL BURNERS

# BRUCIATORI di GASOLIO



mod. MKSF 350/M

## **BISTADIO "PROGRESSIVI E MODULANTI"** **per caldaie pressurizzate**

**TWIN STAGE "PROGRESSIVE AND MODULATING"**  
for pressurized boilers

| modello<br>model | portata<br>fuel consumption | potenza<br>termica<br>heat output | aliment.<br>elettrica<br>voltage | lunghezza<br>boccaglio<br>burner head<br>length |
|------------------|-----------------------------|-----------------------------------|----------------------------------|-------------------------------------------------|
|                  | Kg/h.                       | kW                                |                                  | mm                                              |
| MKSF 50/M        | 20 ÷ 50                     | 236 ÷ 592                         | 3 ph                             | 250                                             |
| MKSF 50/M TL     | 20 ÷ 50                     | 236 ÷ 592                         | 3 ph                             | 335                                             |
| MKSF 80/M        | 35 ÷ 70                     | 406 ÷ 812                         | 3 ph                             | 250                                             |
| MKSF 80/M TL     | 35 ÷ 70                     | 406 ÷ 812                         | 3 ph                             | 335                                             |
| MKSF 100/M K     | 40 ÷ 100                    | 464 ÷ 1160                        | 3 ph                             | 250                                             |
| MKSF 100/M TL K  | 40 ÷ 100                    | 464 ÷ 1160                        | 3 ph                             | 385                                             |
| MKSF 120/M       | 60 ÷ 120                    | 696 ÷ 1392                        | 3 ph                             | 200                                             |
| MKSF 120/M TL    | 60 ÷ 120                    | 696 ÷ 1392                        | 3 ph                             | 400                                             |
| MKSF 150/M       | 75 ÷ 150                    | 870 ÷ 1740                        | 3 ph                             | 200                                             |
| MKSF 150/M TL    | 75 ÷ 150                    | 870 ÷ 1740                        | 3 ph                             | 400                                             |
| MKSF 180/M TL    | 60 ÷ 206                    | 700 ÷ 2390                        | 3 ph                             | 495                                             |
| MKSF 250/M TL    | 80 ÷ 250                    | 930 ÷ 2900                        | 3 ph                             | 500                                             |
| MKSF 350/M TL    | 120 ÷ 350                   | 1392 ÷ 4060                       | 3 ph                             | 520                                             |
| MKSF 450/M TL    | 160 ÷ 450                   | 1836 ÷ 5220                       | 3 ph                             | 560                                             |
| MKSF 550/M TL    | 200 ÷ 550                   | 2320 ÷ 6380                       | 3 ph                             | 560                                             |



mod. MKSF 250/3

### **A TRE STADI** **per caldaie normali e pressurizzate**

#### **3 STAGES**

for normal and pressurized boilers

| modello<br><i>model</i> | portata<br><i>fuel consumption</i> | potenza<br>termica<br><i>heat output</i> | aliment.<br>elettrica<br><i>voltage</i> | lunghezza<br>boccaglio<br><i>burner head<br/>length</i> |
|-------------------------|------------------------------------|------------------------------------------|-----------------------------------------|---------------------------------------------------------|
|                         | Kg/h.                              | kW                                       |                                         | mm                                                      |
| MKSF 180/3              | 60 ÷ 206                           | 700 ÷ 2390                               | 3 ph                                    | 495                                                     |
| MKSF 250/3              | 80 ÷ 250                           | 930 ÷ 2900                               | 3 ph                                    | 500                                                     |
| MKSF 350/3              | 140 ÷ 350                          | 1620 ÷ 4060                              | 3 ph                                    | 520                                                     |
| MKSF 450/3              | 160 ÷ 450                          | 1850 ÷ 5220                              | 3 ph                                    | 560                                                     |



mod. MKL 6 HS

### **MONOSTADIO** **per generatori d'aria calda e gruppi termici**

#### **SINGLE STAGE**

for hot air generators and thermic units

|          |         |             |      |    |
|----------|---------|-------------|------|----|
| MKL 6 HS | 2 ÷ 3,3 | 23,7 ÷ 59,2 | 1 ph | 97 |
|----------|---------|-------------|------|----|



mod. MKAL 6/C

### **MODULABILI per cucine**

**MANUAL MODULATION** for kitchens

|           |         |             |      |    |
|-----------|---------|-------------|------|----|
| MKAL 6/C  | 2 ÷ 5   | 23,7 ÷ 59,2 | 1 ph | 62 |
| MKAL 10/C | 4 ÷ 9,8 | 47,3 ÷ 116  | 1 ph | 62 |

# GAS BURNERS

## BRUCIATORI di GAS



mod. GVAL 20 CE



mod. GVAL 20/2 CE

### MONOSTADIO CARENATI per caldaie normali e semipressurizzate completi di rampa a norme CE

#### SINGLE STAGE WITH CASING

for normal and pressurized boilers with ramp according to EC standards

| modello<br>model | potenza termica<br>heat output |                   | aliment.<br>elettrica<br>voltage | lunghezza<br>boccaglio<br>burner head<br>length<br>mm |
|------------------|--------------------------------|-------------------|----------------------------------|-------------------------------------------------------|
|                  | kW                             | kcal/h            |                                  |                                                       |
| GVAL 3 CE        | 11,5 ÷ 34                      | 10.000 ÷ 29.500   | 1 ph                             | 85                                                    |
| GVAL 3 CE TL     | 11,5 ÷ 34                      | 10.000 ÷ 29.500   | 1 ph                             | 145                                                   |
| GVAL 6 CE        | 23 ÷ 58                        | 20.000 ÷ 50.000   | 1 ph                             | 85                                                    |
| GVAL 6 CE TL     | 23 ÷ 58                        | 20.000 ÷ 50.000   | 1 ph                             | 145                                                   |
| GVAL 9 CE        | 40,5 ÷ 93                      | 35.000 ÷ 80.000   | 1 ph                             | 85                                                    |
| GVAL 9 CE TL     | 40,5 ÷ 93                      | 35.000 ÷ 80.000   | 1 ph                             | 145                                                   |
| GVAL 14 CE       | 70 ÷ 174                       | 60.000 ÷ 150.000  | 1 ph                             | 130                                                   |
| GVAL 14 CE TL    | 70 ÷ 174                       | 60.000 ÷ 150.000  | 1 ph                             | 250                                                   |
| GVAL 20 CE       | 116 ÷ 232                      | 100.000 ÷ 200.000 | 1 ph                             | 160                                                   |
| GVAL 20 CE TL    | 116 ÷ 232                      | 100.000 ÷ 200.000 | 1 ph                             | 280                                                   |

### BISTADIO CARENATI per caldaie normali e semipressurizzate completi di rampa a norme CE

#### TWIN STAGE WITH CASING

for normal and pressurized boilers with ramp according to EC standards

|                 |           |                   |      |     |
|-----------------|-----------|-------------------|------|-----|
| GVAL 6/2 CE     | 23 ÷ 58   | 20.000 ÷ 50.000   | 1 ph | 85  |
| GVAL 6/2 CE TL  | 23 ÷ 58   | 20.000 ÷ 50.000   | 1 ph | 145 |
| GVAL 9/2 CE     | 40,5 ÷ 93 | 35.000 ÷ 80.000   | 1 ph | 85  |
| GVAL 9/2 CE TL  | 40,5 ÷ 93 | 35.000 ÷ 80.000   | 1 ph | 145 |
| GVAL 14/2 CE    | 70 ÷ 174  | 60.000 ÷ 150.000  | 1 ph | 130 |
| GVAL 14/2 CE TL | 70 ÷ 174  | 60.000 ÷ 150.000  | 1 ph | 250 |
| GVAL 20/2 CE    | 116 ÷ 232 | 100.000 ÷ 200.000 | 1 ph | 160 |
| GVAL 20/2 CE TL | 116 ÷ 232 | 100.000 ÷ 200.000 | 1 ph | 280 |



mod. GVL 3H CE



mod. GVPF 50 CE

## MONOSTADIO per caldaie normali e pressurizzate completi di rampa a norme CE

### SINGLE STAGE

for normal and pressurized boilers with ramp according to EC standards

| modello<br>model | potenza termica<br>heat output |                   | aliment.<br>elettrica<br>voltage | lunghezza<br>boccaglio<br>burner head<br>length<br>mm |
|------------------|--------------------------------|-------------------|----------------------------------|-------------------------------------------------------|
|                  | kW                             | kcal/h            |                                  |                                                       |
| GVPF 20 CE       | 116 ÷ 232                      | 100.000 ÷ 200.000 | 1 ph                             | 250                                                   |
| GVPF 20 CE TL    | 116 ÷ 232                      | 100.000 ÷ 200.000 | 1 ph                             | 335                                                   |
| GVPF 30 CE       | 151 ÷ 348                      | 130.000 ÷ 300.000 | 1 ph                             | 250                                                   |
| GVPF 30 CE TL    | 151 ÷ 348                      | 130.000 ÷ 300.000 | 1 ph                             | 335                                                   |
| GVPF 50 CE       | 232 ÷ 522                      | 200.000 ÷ 450.000 | 3 ph                             | 250                                                   |
| GVPF 50 CE TL    | 232 ÷ 522                      | 200.000 ÷ 450.000 | 3 ph                             | 355                                                   |



mod. GVPF 50/2 CE



mod. GVPF 150/2 CE

## MONOSTADIO esclusivamente per gruppi termici e generatori d'aria calda

### SINGLE STAGE

only for hot air generators and thermic units

| modello<br>model | potenza termica<br>heat output |                 | aliment.<br>elettrica<br>voltage | lunghezza<br>boccaglio<br>burner head<br>length<br>mm |
|------------------|--------------------------------|-----------------|----------------------------------|-------------------------------------------------------|
|                  | kW                             | kcal/h          |                                  |                                                       |
| GVL 3 H CE       | 11 ÷ 34                        | 10.000 ÷ 29.500 | 1 ph                             | 85                                                    |

## BISTADIO per caldaie normali e pressurizzate completi di rampa a norme CE

### TWIN STAGE

for normal and pressurized boilers with ramp according to EC standards

|                       |            |                     |      |     |
|-----------------------|------------|---------------------|------|-----|
| GVPF 20/2 CE          | 116 ÷ 232  | 100.000 ÷ 200.000   | 1 ph | 250 |
| GVPF 20/2 CE TL       | 116 ÷ 232  | 100.000 ÷ 200.000   | 1 ph | 335 |
| GVPF 30/2 CE          | 151 ÷ 348  | 130.000 ÷ 300.000   | 1 ph | 250 |
| GVPF 30/2 CE TL       | 151 ÷ 348  | 130.000 ÷ 300.000   | 1 ph | 335 |
| GVPF 50/2 CE          | 232 ÷ 522  | 200.000 ÷ 450.000   | 3 ph | 250 |
| GVPF 50/2 CE TL       | 232 ÷ 522  | 200.000 ÷ 450.000   | 3 ph | 335 |
| GVPF 80/2-40 CE       | 406 ÷ 754  | 350.000 ÷ 650.000   | 3 ph | 250 |
| GVPF 80/2-40 CE TL    | 406 ÷ 754  | 350.000 ÷ 650.000   | 3 ph | 385 |
| GVPF 80/2-50 CE       | 406 ÷ 754  | 350.000 ÷ 650.000   | 3 ph | 250 |
| GVPF 80/2-50 CE TL    | 406 ÷ 754  | 350.000 ÷ 650.000   | 3 ph | 385 |
| GVPF 100/2-50 CE      | 580 ÷ 1160 | 500.000 ÷ 1.000.000 | 3 ph | 250 |
| GVPF 100/2-50 CE TL   | 580 ÷ 1160 | 500.000 ÷ 1.000.000 | 3 ph | 385 |
| GVPF 100/2-65 CE      | 580 ÷ 1160 | 500.000 ÷ 1.000.000 | 3 ph | 250 |
| GVPF 100/2-65 CE TL   | 580 ÷ 1160 | 500.000 ÷ 1.000.000 | 3 ph | 385 |
| ● GVPF 150/2-65 CE    | 814 ÷ 1508 | 700.000 ÷ 1.300.000 | 3 ph | 280 |
| ● GVPF 150/2-65 CE TL | 814 ÷ 1508 | 700.000 ÷ 1.300.000 | 3 ph | 400 |
| ● GVPF 150/2-80 CE    | 814 ÷ 1508 | 700.000 ÷ 1.300.000 | 3 ph | 280 |
| ● GVPF 150/2-80 CE TL | 814 ÷ 1508 | 700.000 ÷ 1.300.000 | 3 ph | 400 |
| GVPF 150/2-65 CE      | 814 ÷ 1744 | 700.000 ÷ 1.500.000 | 3 ph | 280 |
| GVPF 150/2-65 CE TL   | 814 ÷ 1744 | 700.000 ÷ 1.500.000 | 3 ph | 400 |
| GVPF 150/2-80 CE      | 814 ÷ 1744 | 700.000 ÷ 1.500.000 | 3 ph | 280 |
| GVPF 150/2-80 CE TL   | 814 ÷ 1744 | 700.000 ÷ 1.500.000 | 3 ph | 400 |

● versione/version 03



# GAS BURNERS

## BRUCIATORI di GAS



### BISTADIO per caldaie normali e pressurizzate completi di rampa a norme CE

#### TWIN STAGE

mod. GVPF 180/2

for normal and pressurized boilers with ramp according to EC standards

| modello<br>model  | potenza termica<br>heat output |                       | aliment.<br>elettrica<br>voltage | lunghezza<br>boccaglio<br>burner head<br>length |
|-------------------|--------------------------------|-----------------------|----------------------------------|-------------------------------------------------|
|                   | kW                             | kcal/h                |                                  |                                                 |
| GVPF 180/2-65 CE  | 1044 ÷ 2204                    | 900.000 ÷ 1.900.000   | 3 ph                             | 500                                             |
| GVPF 180/2-80 CE  | 1044 ÷ 2204                    | 900.000 ÷ 1.900.000   | 3 ph                             | 500                                             |
| GVPF 250/2-65 CE  | 1160 ÷ 2900                    | 1.000.000 ÷ 2.500.000 | 3 ph                             | 500                                             |
| GVPF 250/2-80 CE  | 1160 ÷ 2900                    | 1.000.000 ÷ 2.500.000 | 3 ph                             | 500                                             |
| GVPF 250/2-100 CE | 1160 ÷ 2900                    | 1.000.000 ÷ 2.500.000 | 3 ph                             | 500                                             |

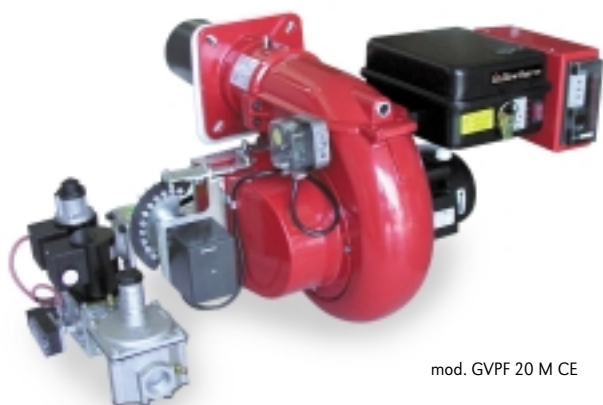


mod. GVAL 6/C

### MODULABILI per cucine

MANUAL MODULATION for kitchens

|          |           |                 |      |    |
|----------|-----------|-----------------|------|----|
| GVAL 6/C | 11,6 ÷ 47 | 10.000 ÷ 40.000 | 1 ph | 85 |
| GVAL 9/C | 17,4 ÷ 70 | 15.000 ÷ 60.000 | 1 ph | 85 |



mod. GVPF 20 M CE



mod. GVPF 180 M CE



mod. GVPF 350/M-100

## BISTADIO PROGRESSIVI e MODULANTI per caldaie normali e pressurizzate completi di rampa a norme CE

TWIN STAGE PROGRESSIVE and MODULATING  
for normal and pressurized boilers with ramp according  
to EC standards

| modello<br>model      | potenza termica<br>heat output |                       | aliment.<br>elettrica<br>voltage | lunghezza<br>boccaglio<br>burner head<br>length |
|-----------------------|--------------------------------|-----------------------|----------------------------------|-------------------------------------------------|
|                       | kW                             | kcal/h                |                                  | mm                                              |
| GVAL 9 M CE           | 40 ÷ 93                        | 35.000 ÷ 80.000       | 1 ph                             | 85                                              |
| GVAL 9 M CE TL        | 40 ÷ 93                        | 35.000 ÷ 80.000       | 1 ph                             | 145                                             |
| GVAL 14 M CE          | 70 ÷ 174                       | 60.000 ÷ 150.000      | 1 ph                             | 130                                             |
| GVAL 14 M CE TL       | 70 ÷ 174                       | 60.000 ÷ 150.000      | 1 ph                             | 250                                             |
| GVPF 20 M CE          | 116 ÷ 232                      | 100.000 ÷ 200.000     | 1 ph                             | 250                                             |
| GVPF 20 M CE TL       | 116 ÷ 232                      | 100.000 ÷ 200.000     | 1 ph                             | 335                                             |
| GVPF 30 M CE          | 151 ÷ 348                      | 130.000 ÷ 300.000     | 1 ph                             | 250                                             |
| GVPF 30 M CE TL       | 151 ÷ 348                      | 130.000 ÷ 300.000     | 1 ph                             | 335                                             |
| GVPF 50 M CE          | 232 ÷ 522                      | 200.000 ÷ 450.000     | 3 ph                             | 250                                             |
| GVPF 50 M CE TL       | 232 ÷ 522                      | 200.000 ÷ 450.000     | 3 ph                             | 335                                             |
| GVPF 80 M-40 CE       | 406 ÷ 754                      | 350.000 ÷ 650.000     | 3 ph                             | 250                                             |
| GVPF 80 M-40 CE TL    | 406 ÷ 754                      | 350.000 ÷ 650.000     | 3 ph                             | 385                                             |
| GVPF 80 M-50 CE       | 406 ÷ 754                      | 350.000 ÷ 650.000     | 3 ph                             | 250                                             |
| GVPF 80 M-50 CE TL    | 406 ÷ 754                      | 350.000 ÷ 650.000     | 3 ph                             | 385                                             |
| GVPF 100 M-50 CE      | 581 ÷ 1160                     | 500.000 ÷ 1.000.000   | 3 ph                             | 250                                             |
| GVPF 100 M-50 CE TL   | 581 ÷ 1160                     | 500.000 ÷ 1.000.000   | 3 ph                             | 385                                             |
| GVPF 100 M-65 CE      | 581 ÷ 1160                     | 500.000 ÷ 1.000.000   | 3 ph                             | 250                                             |
| GVPF 100 M-65 CE TL   | 581 ÷ 1160                     | 500.000 ÷ 1.000.000   | 3 ph                             | 385                                             |
| ● GVPF 150 M-65 CE    | 814 ÷ 1508                     | 700.000 ÷ 1.300.000   | 3 ph                             | 280                                             |
| ● GVPF 150 M-65 CE TL | 814 ÷ 1508                     | 700.000 ÷ 1.300.000   | 3 ph                             | 400                                             |
| ● GVPF 150 M-80 CE    | 814 ÷ 1508                     | 700.000 ÷ 1.300.000   | 3 ph                             | 280                                             |
| ● GVPF 150 M-80 CE TL | 814 ÷ 1508                     | 700.000 ÷ 1.300.000   | 3 ph                             | 400                                             |
| GVPF 150 M-65 CE      | 814 ÷ 1744                     | 700.000 ÷ 1.500.000   | 3 ph                             | 280                                             |
| GVPF 150 M-65 CE TL   | 814 ÷ 1744                     | 700.000 ÷ 1.500.000   | 3 ph                             | 400                                             |
| GVPF 150 M-80 CE      | 814 ÷ 1744                     | 700.000 ÷ 1.500.000   | 3 ph                             | 280                                             |
| GVPF 150 M-80 CE TL   | 814 ÷ 1744                     | 700.000 ÷ 1.500.000   | 3 ph                             | 400                                             |
| GVPF 180/M-65 CE      | 1044 ÷ 2204                    | 900.000 ÷ 1.900.000   | 3 ph                             | 500                                             |
| GVPF 180/M-80 CE      | 1044 ÷ 2204                    | 900.000 ÷ 1.900.000   | 3 ph                             | 500                                             |
| GVPF 250/M-65 CE      | 1160 ÷ 2900                    | 1.000.000 ÷ 2.500.000 | 3 ph                             | 500                                             |
| GVPF 250/M-80 CE      | 1160 ÷ 2900                    | 1.000.000 ÷ 2.500.000 | 3 ph                             | 500                                             |
| GVPF 350/M-100        | 1392 ÷ 4060                    | 1.200.000 ÷ 3.500.000 | 3 ph                             | 520                                             |
| GVPF 450/M-100        | 1856 ÷ 5220                    | 1.600.000 ÷ 4.500.000 | 3 ph                             | 520                                             |
| GVPF 550/M-100        | 2320 ÷ 6380                    | 2.000.000 ÷ 5.500.000 | 3 ph                             | 520                                             |

● versione/version 03

# HEAVY OIL BURNERS

## BRUCIATORI di OLIO COMBUSTIBILE



mod. MPL 25

**serie/range MPL = FLUIDO/ FLUID**  
**serie/range MPDL = SEMIDENSO e DENSO**  
 SEMIFLUID and HEAVY

### MONOSTADIO

**per caldaie normali e semipressurizzate**

**SINGLE STAGE for normal and semipressurized boilers**

| modello<br>model | portata<br>fuel consumption | potenza<br>termica<br>heat output<br>Kg/h. | aliment.<br>elettrica<br>voltage<br>kW |
|------------------|-----------------------------|--------------------------------------------|----------------------------------------|
| MPL 8 - MPDL 8   | 5 - 8                       | 57 - 91                                    | 1 ph                                   |
| MPL 16 - MPDL 16 | 7 - 16                      | 80 - 182                                   | 1 ph                                   |
| MPL 25 - MPDL 25 | 12,5 - 25                   | 142 - 284                                  | 3 ph                                   |



mod. MP 150/2

**serie/range MP = FLUIDO/ FLUID**  
**serie/range MPD = SEMIDENSO e DENSO**  
 SEMIFLUID and HEAVY

### BISTADIO

**per caldaie normali e semipressurizzate**

**TWIN STAGE for normal and semipressurized boilers**

|                    |           |            |      |
|--------------------|-----------|------------|------|
| MP25/2 - MPD25/2   | 12,5 - 25 | 142 - 284  | 3 ph |
| MP45/2 - MPD45/2   | 20 - 45   | 277 - 512  | 3 ph |
| MP70/2 - MPD70/2   | 35 - 70   | 398 - 796  | 3 ph |
| MP100/2 - MPD100/2 | 40 - 100  | 455 - 1137 | 3 ph |
| MP125/2 - MPD125/2 | 60 - 125  | 682 - 1421 | 3 ph |
| MP150/2 - MPD150/2 | 70 - 150  | 796 - 1705 | 3 ph |

**FLUIDO/ FLUID**  
**SEMIDENSO e DENSO - SEMIFLUID and HEAVY**

**BISTADIO PROGRESSIVI e MODULANTI**  
**per caldaie normali e semipressurizzate**

**TWIN STAGE PROGRESSIVE and MODULATING**  
 for normal and semipressurized boilers

|           |           |             |      |
|-----------|-----------|-------------|------|
| MPD 180/M | 80 - 206  | 909 - 2341  | 3 ph |
| MPD 250/M | 100 - 250 | 1137 - 2842 | 3 ph |
| MPD 350/M | 120 - 350 | 1364 - 3979 | 3 ph |
| MPD 450/M | 160 - 450 | 1819 - 5116 | 3 ph |
| MPD 550/M | 200 - 550 | 2274 - 6252 | 3 ph |



mod. MPD 350/M

**FLUIDO/ FLUID**  
**SEMIDENSO e DENSO - SEMIFLUID and HEAVY**

### A 3 STADI

**per caldaie normali e semipressurizzate**

**3 STAGES**

**for normal and semipressurized boilers**

|           |           |             |      |
|-----------|-----------|-------------|------|
| MPD 180/3 | 80 - 206  | 909 - 2341  | 3 ph |
| MPD 250/3 | 100 - 250 | 1137 - 2842 | 3 ph |
| MPD 350/3 | 120 - 350 | 1364 - 3979 | 3 ph |



mod. MPD 180/3

# DUAL FUEL BURNERS GAS/LIGHT OIL

## BRUCIATORI MISTI GAS/GASOLIO



### MONOSTADIO SINGLE STAGE

| modello<br>model | potenza termica<br>heat output |                   | aliment.<br>elettrica<br>voltage |
|------------------|--------------------------------|-------------------|----------------------------------|
|                  | kW                             | kcal/h            |                                  |
| GM 3             | 22,6 ÷ 34,2                    | 19.500 ÷ 29.500   | 1 ph                             |
| GM 6             | 29 ÷ 70                        | 25.000 ÷ 60.000   | 1 ph                             |
| GM 14            | 58,1 ÷ 151,1                   | 50.000 ÷ 130.000  | 1 ph                             |
| GM 20            | 116 ÷ 232                      | 100.000 ÷ 200.000 | 1 ph                             |



### BISTADIO TWIN STAGE

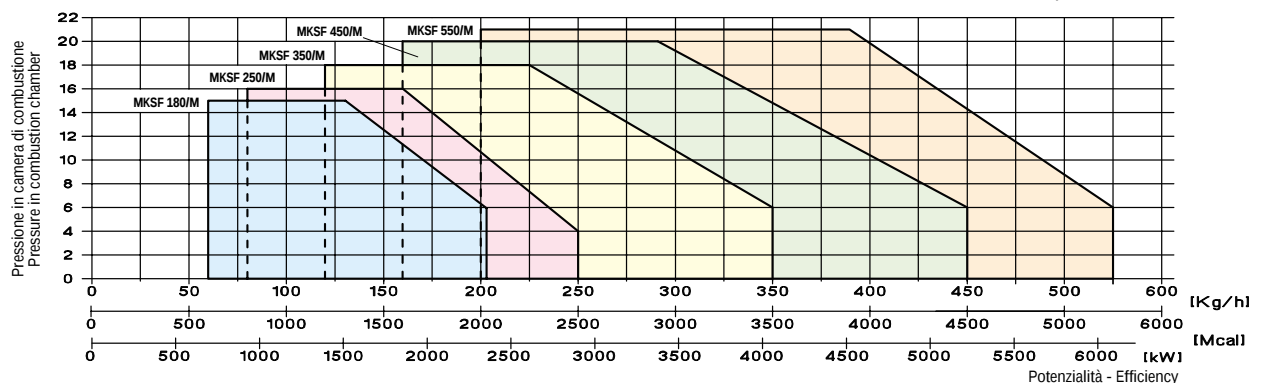
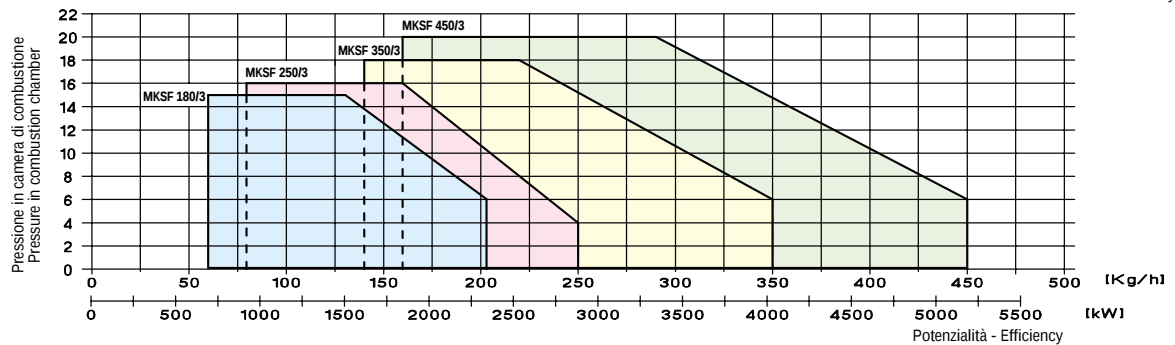
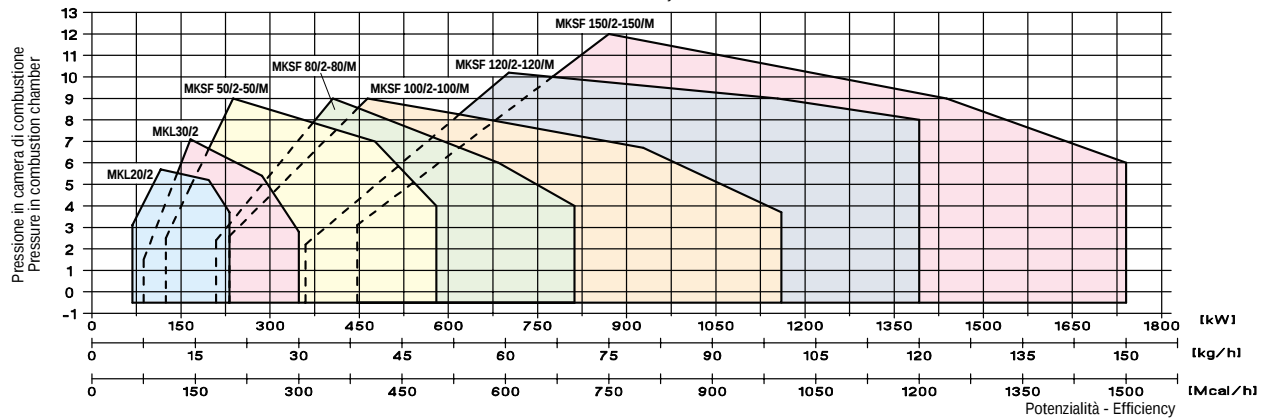
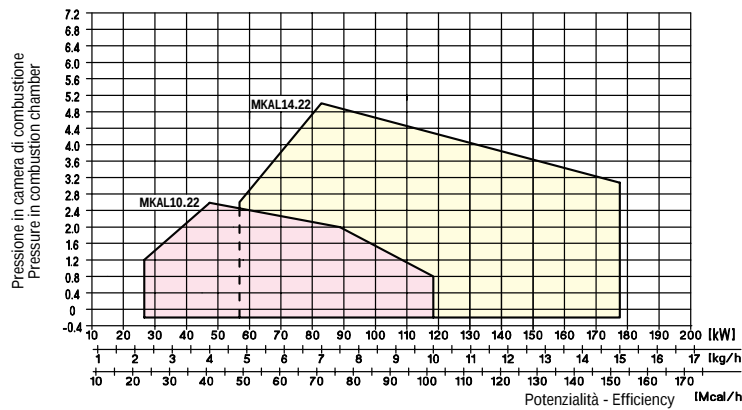
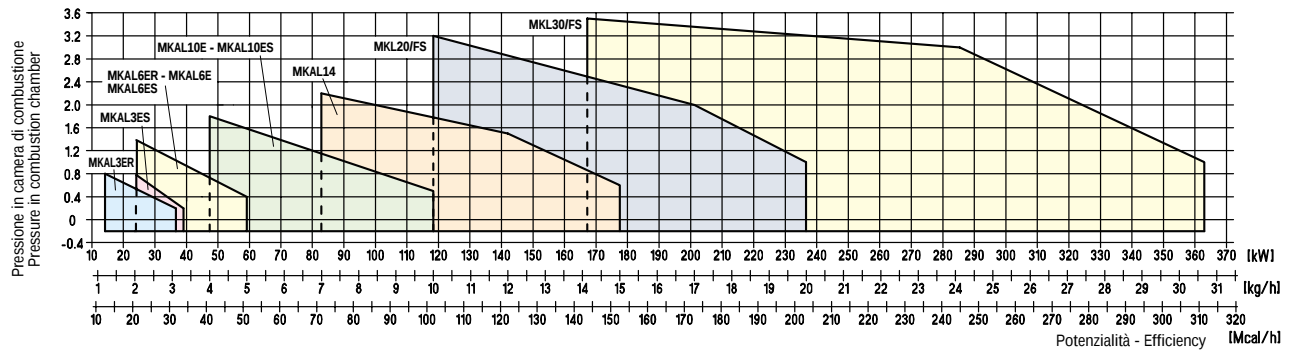
| modello<br>model | potenza termica<br>heat output |                     | aliment.<br>elettrica<br>voltage |
|------------------|--------------------------------|---------------------|----------------------------------|
|                  | kW                             | kcal/h              |                                  |
| GM 20/2          | 116 ÷ 232                      | 100.000 ÷ 200.000   | 1 ph                             |
| GM 50/2          | 232 ÷ 523                      | 200.000 ÷ 450.000   | 3 ph                             |
| GM 80/2          | 407 ÷ 754                      | 350.000 ÷ 650.000   | 3 ph                             |
| GM 100/2         | 581 ÷ 1163                     | 500.000 ÷ 1.000.000 | 3 ph                             |
| GM 150/2         | 812 ÷ 1508                     | 700.000 ÷ 1.300.000 | 3 ph                             |
| GM 250/2         | 1046 ÷ 2907                    | 900.000 ÷ 2.500.000 | 3 ph                             |

Bruciatori industriali e per fonderie su richiesta  
Burners for industry and foundry on request

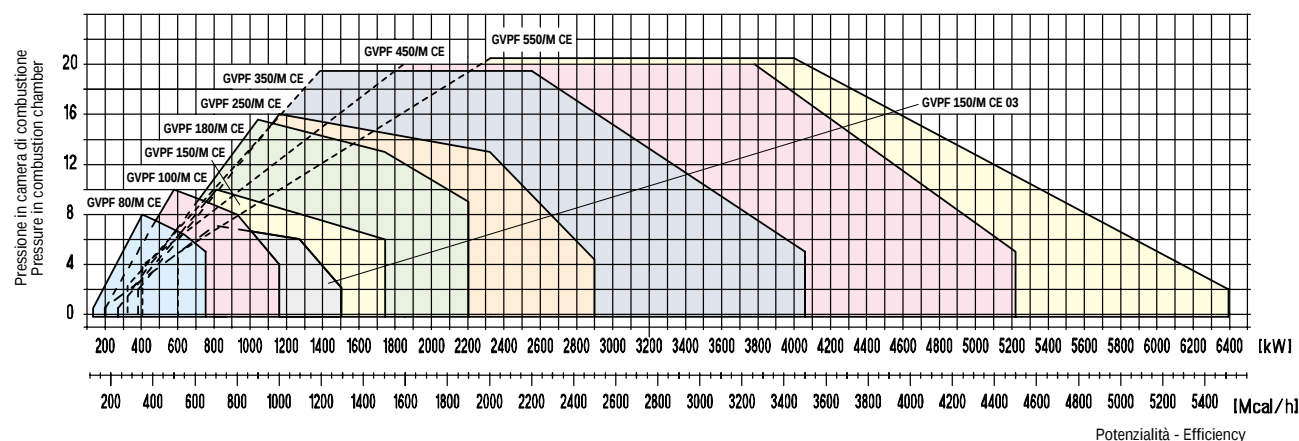
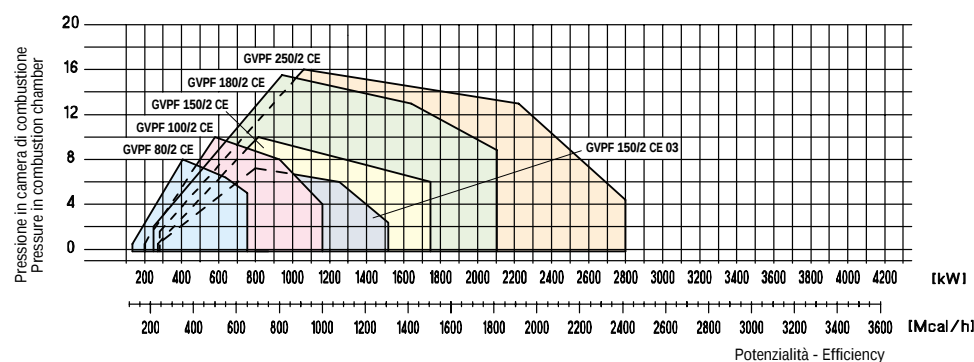
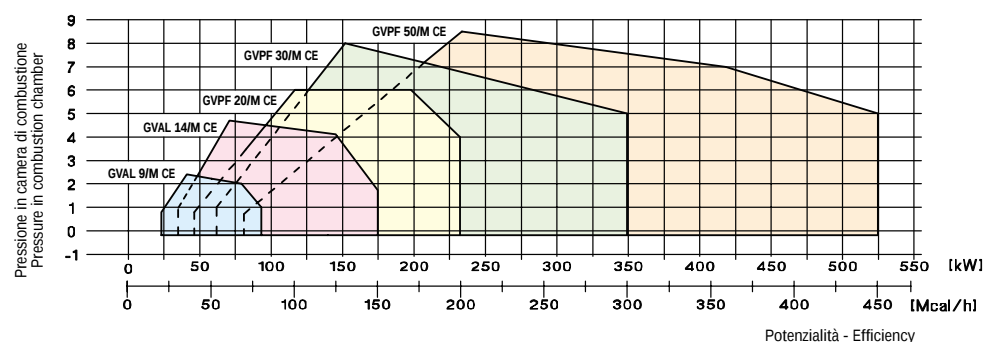
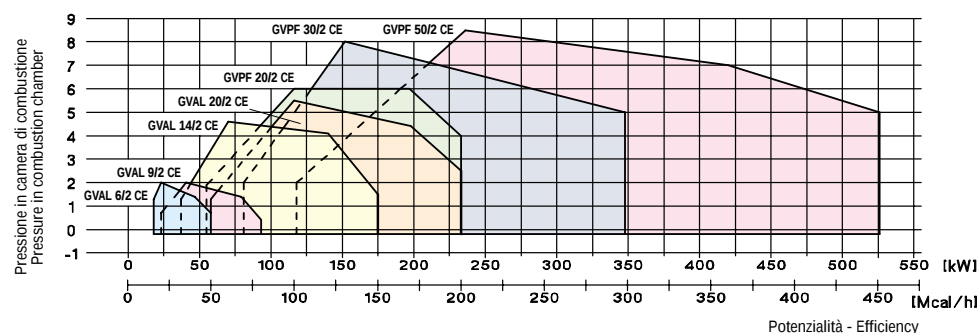
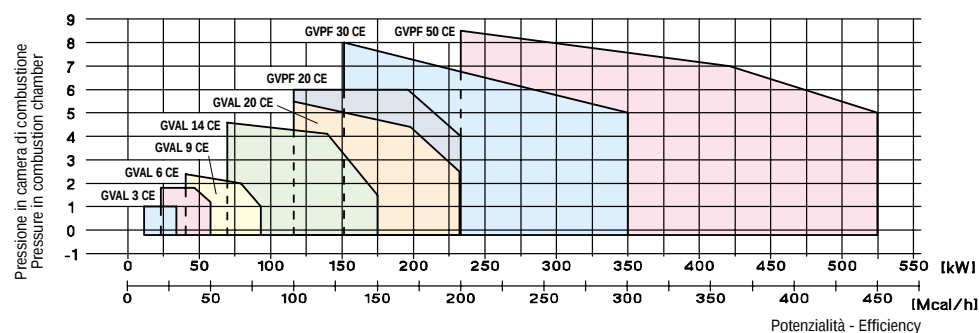


 **Blowtherm**

### POTENZIALITÀ/PRESSIONE IN CAMERA DI COMBUSTIONE - EFFICIENCY/PRESSURE IN COMBUSTION CHAMBER



POTENZIALITÀ/PRESSIONE IN CAMERA DI COMBUSTIONE - EFFICIENCY/PRESSURE IN COMBUSTION CHAMBER





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