

# INDIRECT OIL FIRED AIR HEATERS WITH 2 STAGE MASTER BURNER BV 400



PATENT

**BV 400 - Ø41CM**



- Clean hot air
- Very low noise (72 dB)
- Plug fan allows high air pressure 500 Pa
- 2-stage Master burner
- Air feed kit
- Rotomoulded tank
- Socket for remote thermostat
- High-efficiency heat exchanger
- Stainless steel combustion chamber
- Trolley included
- Snorkel for non-drip fuel tank



These heaters can burn: biofuel HVO 100, diesel or kerosene.

Use the optional accessories to deliver warm air in 6 different directions. You will need: 2-way outlet 4034.480 + 2x flex tube Ø31cm + Multibox 4034.816 + 6x flex tube Ø23cm

| Specifications            | Units                 | BV 400                                     |
|---------------------------|-----------------------|--|
| Heating power             | kW<br>Btu/h<br>kcal/h | 110/80<br>375,000/237,000<br>94,600/68,800 |
| Fan type                  |                       | Plug fan                                   |
| Total air pressure        | Pa                    | 500  |
| Ductability               | m                     | 50   |
| Air flow                  | m <sup>3</sup> /h     | 6,200                                      |
| Motor power fan           | W/rpm                 | 750/1,400                                  |
| Flex tube                 | cm                    | 2 tubes Ø31cm or 1 tube Ø41cm              |
| Maximum air temperature   | °C                    | 95   |
| Summer ventilation        |                       | Yes  |
| Remote thermostat         |                       | Analogue or digital                        |
| Flue tube                 | mm                    | 150  |
| Electronic box protection |                       | IP44                                       |
| Fuel tank capacity        | l                     | 150  |
| Fuel consumption          | l/h                   | 10.2 high mode/7.7 low mode                |
| Rated current             | A                     | 6.8  |
| Power supply              | V/Hz                  | 220-240/1ph/50                             |
| Product size (l x w x h)  | mm                    | 2086 x 717 x 1233                          |
| Box size (l x w x h)      | mm                    | 1670 x 710 x 1670                          |
| Net/gross weight          | kg                    | 200/220                                    |

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Powerful input plug fan



80kW or 110kW heating power possible



Optional robust hook for uplift crane



Control panel with thermostat socket (analogue or digital)

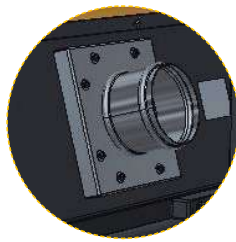


The burner is protected by a robust box



BV 400 has 1 output as standard. Diameter 41cm

2 optional outputs possible. Diameter 31cm (option 4034.480)



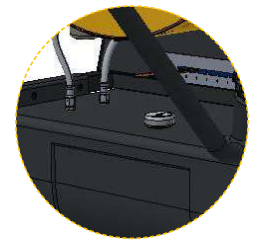
Optional separate air feed case kit allows for connection of a flex tube for combustion air supply. Very useful when used in polluted rooms



Fuel preheater is optional, fuel filter is outside



Robust, rotomoulded fuel tank and large pneumatic wheels



When required, if the altitude changes, it is very easy to adjust the combustion

## Optional accessories



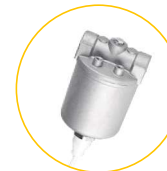
**Analogue thermostat TH5 with cable**  
3m - 4150.109  
10m - 4150.112



**Digital thermostat THD with cable**  
5m - 4150.133  
10m - 4150.134



**Air recycling kit - Ø40cm**  
4035.068



**Fuel preheater - Ø40cm**  
4033.049



**2-way outlet Ø31cm**  
4034.480



**Fuel line 4m**  
(2 pieces are required per 1 unit, supply line and return line)  
4031.460



**Combustion air inlet kit**  
4035.225



**Quick connector to flex pipes for separate tank**  
4035.232



**Uplift kit**  
4035.112



**Forklift slots**  
4035.224



**Fuel scoop**  
4515.510



**Consumables pack BV 400 - 4519.009**

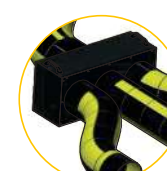


**NYLON flex tube with bag, 7.6m**  
1-way outlet, Ø40cm - 4515.361  
2-way outlet, Ø31cm - 4515.360



**PVC flex tube 7.6m**  
1-way outlet, Ø41cm - 4031.401  
2-way outlet, Ø31cm - 4515.553

**PVC flex tube 3m**  
1-way outlet Ø41cm 4515.571  
2-way outlet Ø31cm 4515.572



**Multibox 3-way outlet, 3xØ23cm - 4034.816**  
(hoses not included)