

# DANTHERM GROUP



## Master B 180-230-360 – direct oil fired heaters

### Direct oil fired air heaters – high pressure

Direct oil heaters are highly efficient devices that provide large volumes of instant heat where it is required. They are best for open or well ventilated areas like factories, warehouses or construction sites. Master direct heaters are known as very efficient and robust as well as safe and easy in use.



Master B 180 direct oil heater



Master B 230



Master B 360



Master direct heaters applications



Master new look heaters



Master B 180 warehouse application

## Key features

- ✓ Overheat thermostat
- ✓ Post ventilation
- ✓ Thermally protected motor
- ✓ Transparent external suction filter
- ✓ Three oil filters – oil pump filter, suction filter and inlet filter
- ✓ Electronic flame control with photocell
- ✓ Stainless steel combustion chamber
- ✓ Oil tank with level indicator
- ✓ Trolley included
- ✓ Snorkel
- ✓ Easy maintenance with external pump
- ✓ Diagnostic LED

## Product specifications

| Specifications | Units | B 180   |
|----------------|-------|---------|
| Heating power  | kW    | 48      |
| Heating power  | Btu/h | 165,000 |

| <b>Specifications</b>    | <b>Units</b>      | <b>B 180</b>        |
|--------------------------|-------------------|---------------------|
| Heating power            | kcal/h            | 41,200              |
| Air flow                 | m <sup>3</sup> /h | 1,550               |
| Fuel autonomy            | h                 | 8                   |
| Thermostat control       |                   | Analogue or digital |
| Fuel consumption         | l/h               | 4.5                 |
| Power supply             | V/Hz              | 220-240/1ph/50      |
| Electric power           | kW                | 0.3                 |
| Rated current            | A                 | 1.5                 |
| Protection               |                   | IP44                |
| Tank capacity            | l                 | 36                  |
| Product size (l x w x h) | mm                | 1165 x 380 x 550    |
| Box size (l x w x h)     | mm                | 1200 x 400 x 530    |
| Net/gross weight         | kg                | 30/34               |
| Pallet                   |                   | 8                   |

| <b>Specifications</b> | <b>Units</b>      | <b>B 230</b>        |
|-----------------------|-------------------|---------------------|
| Heating power         | kW                | 65                  |
| Heating power         | Btu/h             | 222,000             |
| Heating power         | kcal/h            | 56,000              |
| Air flow              | m <sup>3</sup> /h | 3,000               |
| Fuel autonomy         | h                 | 10                  |
| Thermostat control    |                   | Analogue or digital |
| Fuel consumption      | l/h               | 6.2                 |
| Power supply          | V/Hz              | 220-240/1ph/50      |

| <b>Specifications</b>    | <b>Units</b> | <b>B 230</b>      |
|--------------------------|--------------|-------------------|
| Electric power           | kW           | 0.8               |
| Rated current            | A            | 3.5               |
| Protection               |              | IP44              |
| Tank capacity            | l            | 65                |
| Product size (l x w x h) | mm           | 1235 x 575 x 790  |
| Box size (l x w x h)     | mm           | 1200 x 650 x 1000 |
| Net/gross weight         | kg           | 57/72             |
| Pallet                   |              | 1                 |

| <b>Specifications</b>    | <b>Units</b>      | <b>B 360</b>        |
|--------------------------|-------------------|---------------------|
| Heating power            | kW                | 111                 |
| Heating power            | Btu/h             | 379,000             |
| Heating power            | kcal/h            | 95,460              |
| Air flow                 | m <sup>3</sup> /h | 3,300               |
| Fuel autonomy            | h                 | 10                  |
| Thermostat control       |                   | Analogue or digital |
| Fuel consumption         | l/h               | 10.6                |
| Power supply             | V/Hz              | 220-240/1ph/50-60   |
| Electric power           | kW                | 1.06                |
| Rated current            | A                 | 4.6                 |
| Protection               |                   | IP44                |
| Tank capacity            | l                 | 105                 |
| Product size (l x w x h) | mm                | 1600 x 700 x 940    |
| Box size (l x w x h)     | mm                | 1600 x 750 x 1180   |

| <b>Specifications</b> | <b>Units</b> | <b>B 360</b> |
|-----------------------|--------------|--------------|
| Net/gross weight      | kg           | 84/105       |
| Pallet                |              | 1            |