

# TAS 800 E Direct oil fired | with large air throw

FUEL TYPE



TAS 800 E



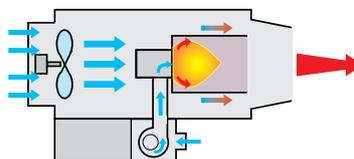
Full humidity and dust proof control panel containing all vulnerable components.



Fresh air intake connection prevents pollution of the burner.

## WORKING PRINCIPLE

- Direct heat with 100% efficiency.
- Fixed outlet temperature circa 60-100 °C.
- Large air throw.
- Clean burner because of fresh air connection.
- Fan for optimum combustion air.
- High pressure pump for diesel or paraffin.



## FEATURES

- Standard with fresh air intake to the burner.
- Good heat distribution, optimum combustion.
- Full humidity and dust proof control panel.
- Easy access for cleaning.
- Durable phosphated body parts with stainless steel casing.
- Thermostat connection.
- Electric switch components in full humidity and dust proof control panel (IP 54).
- With burner relay, photocell flame control and thermostat connection.
- High pressure pump with 2-way pipe system for connection to bulk tank (max. length 50 m/height 3 m, depends on diameter of pipe).
- Room ventilation is required.



## APPLICATIONS

### Livestock

- Heating pig and poultry houses.

### Agriculture

- Drying of agricultural products.

### Horticulture

- Heating of greenhouses and polytunnels (N.B. Only use paraffin and control CO<sub>2</sub> and CO emission).

## TECHNICAL SPECIFICATIONS | DIMENSIONS AND WEIGHTS

1 kW = 860 kcal/h 1 kW = 3,413 Btu/h 1 kW = 3.6 MJ/h 1 kg = 1.2 l/h

| MODEL     | Heat output (Btu/hr)   |     | Heat output (KW) |       | Fuel consumption oil max. (l/hr) | Heated air flow (m <sup>3</sup> /hr) | Power consumption 230 V (AMPS) | Air throw (m) | Thermostat connection | ITEM NUMBER |   |    |   |   |   |   |   |    |     |   |    |    |   |   |    |   |   |   |    |     |    |     |    |
|-----------|--|-----|------------------|-------|----------------------------------|--------------------------------------|--------------------------------|---------------|-----------------------|-------------|---|----|---|---|---|---|---|----|-----|---|----|----|---|---|----|---|---|---|----|-----|----|-----|----|
|           | A  | B   | C                | D     | E                                | F                                    | KG                             | L             | B                     |             | H | KG |   |   |   |   |   |    |     |   |    |    |   |   |    |   |   |   |    |     |    |     |    |
| TAS 800 E | 324,000  | 95  | 9.5              | 7,000 | 4.6                              | 40                                   | Ja                             | 40.467.000    |                       |             |   |    |   |   |   |   |   |    |     |   |    |    |   |   |    |   |   |   |    |     |    |     |    |
|           | Dimensions heater only (cm) <table border="1" style="display: inline-table; margin-right: 20px;"> <tr> <td>A</td><td>B</td><td>C</td><td>D</td><td>E</td><td>F</td><td>KG</td> </tr> <tr> <td>152</td><td>-</td><td>85</td><td>58</td><td>-</td><td>-</td><td>81</td> </tr> </table> Dimensions including packing (cm) <table border="1" style="display: inline-table;"> <tr> <td>L</td><td>B</td><td>H</td><td>KG</td> </tr> <tr> <td>154</td><td>74</td><td>101</td><td>90</td> </tr> </table> |     |                  |       |                                  |                                      |                                |               |                       |             |   | A  | B | C | D | E | F | KG | 152 | - | 85 | 58 | - | - | 81 | L | B | H | KG | 154 | 74 | 101 | 90 |
| A         | B  | C   | D                | E     | F                                | KG                                   |                                |               |                       |             |   |    |   |   |   |   |   |    |     |   |    |    |   |   |    |   |   |   |    |     |    |     |    |
| 152       | -  | 85  | 58               | -     | -                                | 81                                   |                                |               |                       |             |   |    |   |   |   |   |   |    |     |   |    |    |   |   |    |   |   |   |    |     |    |     |    |
| L         | B  | H   | KG               |       |                                  |                                      |                                |               |                       |             |   |    |   |   |   |   |   |    |     |   |    |    |   |   |    |   |   |   |    |     |    |     |    |
| 154       | 74   | 101 | 90               |       |                                  |                                      |                                |               |                       |             |   |    |   |   |   |   |   |    |     |   |    |    |   |   |    |   |   |   |    |     |    |     |    |

