



IMAC 4000 E

IMAC 2000 S / 2000 S 2T / 2200 S 2T



Full humidity proof switch box with central control panel, pilot lights and digital temperature regulation.



Intercal industrial burner with flow control and lower tray for oil containment.



Stackable construction with crane hooks.



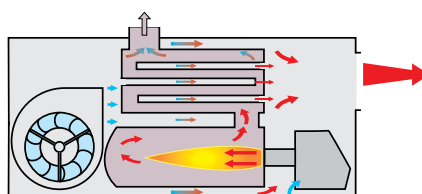
High pressure radial fan for long distance heat throw.



Dual thermostat connection and switch box of IMAC 2000 S 2T and 2200 S 2T.

WORKING PRINCIPLE

- 100% Clean and dry heat.
- Outlet temperature ΔT 47 °C.*
- Large heat throw.
- Combustion chamber heat resistant up to 850 °C.
- Lower tray for oil containment during servicing.
- High efficiency heat exchanger (92%).
- High Pressure fan for powerful heat distribution.



FEATURES

- Body work in stainless steel.
- Standard with stainless steel frame on box girders with forklift slots.
- Stackable construction with crane hooks.
- Weather resistant and lockable casing.
- High capacity, easily and safely transportable, central control.
- Lockable door panels for control box and burner area with feed through glands for cable and fuel hoses.
- Intercal industrial burner with flow control, as alternative available with a Riello oil- or gas burner.
- Completely automatic burner control with thermostat connection.
- With overheat protection and temperature limitation of warm air.
- Fan and thermal security resettable from control box.
- The IMAC 2000 S, IMAC 2000 S 2T and the IMAC 2200 S 2T are standard equipped with a 1x600 mm outlet panel. Optional are 4x300 mm, 6x300 mm and 2x500 mm available.
- A recirculation flange for the IMAC 2000 S is available as an accessory.
- The IMAC 4000 E, the IMAC 2000 S 2T and the IMAC 2200 S 2T are equipped with a 2 stage burner and a 2 speed fan. The fan of the IMAC 4000 E, IMAC 2000 S 2T and the IMAC 2200 S 2T are controlled by a frequency controller that also functions as a soft starter.
- IMAC 4000 E available with distribution heads 3x500 mm, 2x600 mm or 1x800 mm.



IMAC 2000 E with gas burner.

IMAC 2000 S 2T AND 2200 S 2T

The IMAC 2000 S 2T and 2200 S 2T are an optional version of the IMAC 2000 S. The IMAC 2200 S 2T has a capacity of 220 kW, a 2 stage burner, two fan speeds, soft start using the built-in frequency controller and a dual thermostat connection. The same applies to the IMAC 2000 S 2T with a capacity of 200 kW. By using two thermostats that are set with a slight difference the heater always automatically operates the burner with the most favourable burner stage. Normally it will burn to the lowest level controlled by the highest set thermostat. If the capacity is not sufficient enough the temperature drops to the lowest setting of the other thermostat and the heater will turn on to high stage. The advantage is that the heater is quieter and more efficient.

APPLICATIONS

- Building industry** • Heating and drying of building locations and all-weather projects.
 - Drying of buildings after flooding.
- Industry** • Heating of transit sheds, workshops and warehouses.
- Marquees heating** • Especially suited for heating marquees, showrooms and sports halls.

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 ³ /hr) | Max. ventilator back pressure (Pa) | Power consumption 400 V (AMP/PS) | Outlet cone Ø (mm) | Flue connection Ø (mm) | Thermostat connection | ITEM NUMBER |
|----------------|----------------------|---------|------------------|---------------|----------------------------------|--------------------------------------|------------------------------------|----------------------------------|--------------------|------------------------|-----------------------|-------------|
| | 1 | 2 | 1 | 2 | | | | | | | | |
| IMAC 2000 S | 683,000 | 200 | 20 | 12,000 | 600 | 7.5 | 1x600 | 200 | Yes | 41.729.600 | | |
| IMAC 2000 S 2T | 683,000 | 200 | 20 | 8,500/12,000 | 320/600 | 3-6.5 | 1x600 | 200 | 2 | 41.729.674 | | |
| IMAC 2200 S 2T | 751,000 | 220 | 22 | 9,000/12,000 | 375/500 | 3.6-6.7 | 1x600 | 200 | 2 | 41.729.673 | | |
| IMAC 4000 E | 891,000/1,307,000 | 261/383 | 26/38 | 18,000/24,000 | 400/1,000/700 | 9-20-20.3 | 3x500 | 300 | Yes | 41.740.500 | | |
| IMAC 4000 E | 891,000/1,307,000 | 261/383 | 26/38 | 18,000/24,000 | 400/1,000/700 | 9-20-20.3 | 2x600 | 300 | Yes | 41.740.600 | | |
| IMAC 4000 E | 891,000/1,307,000 | 261/383 | 26/38 | 18,000/24,000 | 400/1,000/700 | 9-20-20.3 | 1x800 | 300 | Yes | 41.740.800 | | |

| MODEL | Dimensions heater only (cm) | | | | | | | Dimensions including packing (cm) | | | |
|----------------|-----------------------------|---|---|-----|-----|-----|-------|-----------------------------------|-----|-----|-------|
| | A | B | C | D | E | F | KG | L | B | H | KG |
| IMAC 2000 S | - | - | - | 231 | 80 | 135 | 545 | 240 | 80 | 137 | 545 |
| IMAC 2000 S 2T | - | - | - | 231 | 80 | 135 | 550 | 240 | 80 | 137 | 550 |
| IMAC 2200 S 2T | - | - | - | 231 | 80 | 135 | 550 | 240 | 80 | 137 | 550 |
| IMAC 4000 E | - | - | - | 385 | 120 | 201 | 1,300 | 385 | 120 | 201 | 1,300 |

