

IMAC | Oil fired with flue connection containerized



IMAC-4000

FEATURES

- Equipped with overheat protection, phase control and temperature limitation of warm air.
- Units with EC ventilator and IMAC-4000 are equipped with soft starter.
- Automatic burner control with thermostat connection.
- Supplied with Intercal industrial burner with flow control. Alternative burner available (Riello oil- or gas burner for instance).
- High efficiency heat exchanger (92% Min).
- Outlet temperature ΔT of about 47°C.
- Stainless steel bodywork.

ADVANTAGES

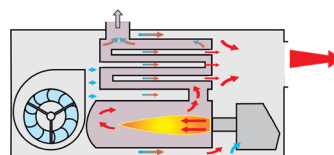
- Easily transportable with box girders and forklift slots.
- Protection against non-professional operation because of the lockable central control box and burner area.
- Maintenance friendly, easy to install and to operate.
- Economic thanks to the high efficiency heat exchanger and the possibility of recirculation.
- Logistic and storage advantages because of its very robust stackable construction.

APPLICATIONS

- Storage of flower bulbs without risk of harmful ethylene emission.
- Heating of greenhouses and polytunnels without risk of harmful CO₂ and CO emission.
- Heating of construction sites, tents, showrooms halls, warehouses and workshops.
- Drying of agricultural produce, construction - and renovation projects.

WORKING PRINCIPLE

Indirect diesel fired heater that produces 100% clean and dry, warm air by blowing air alongside a high efficiency heat exchanger with a powerful radial fan.



TECHNICAL SPECIFICATIONS

IMAC SERIES	1200EC	1200RDD	1500EC	2000EC	2000S	2000 EC 2T	2200 EC 2T	3000 EC 2T	4000E
Heat output (kW)	120	110	145	200	200	140/200	140/220	230/295	261/383
Fuel consumption (l/hr)	11.4	10.4	13.6	20	20	13.9/20	13.9/20.5	21.5/27	26/38
Heated airflow (m ³ /hr)	8.500	8.500	10.000	12.000	12.000	9/12.000	9/12.000	13/17.450	18/24.000
Power consumption (A)	3.5A	15.5A	6A	6A	7.5A	4/6A	4/6A	8.2/5.4	9/20/20.3A
Thermostat connection	✓	✓	✓	✓	✓	✓	✓	✓	✓
Max. ventilator back pressure (Pa)	500	350	600	600	600	350/600	350/550	750	400/1000/700
Outlet cone Ø (mm)	600	600	600	600	600	600	600	2x600	2x600
Flue connection Ø (mm)	200	200	200	200	200	200	200	300	300
Dimensions L*W*H (cm)	220*80*135	240*80*134	220*80*135	240*80*135	240*80*135	240*80*135	240*80*135	298*100*165	385*120*201
Weight (kg)	467kg	545kg	467kg	545kg	545kg	550kg	550kg	800kg	1300kg
Item number	at request	at request	at request	at request	41.729.600	41.732.010	41.732.020	41.735.000	41.740.500