

IMAC | Pellet fired heater with flue connection, containerized



IMAC-2000 pellet



IMAC-2000PC + pellet container silo

FEATURES

- An ash-container can be mounted for storage of ashes.
- The combustion chamber is heat resistant up to 850°C.
- Automatic burner control with thermostat connection.
- Pelltech pellet-burner with automatic pellet-feeding.
- Equipped with overheat protection, phase control and temperature limitation of warm air.
- Outlet temperature delta ΔT of about 47°C.
- High efficiency heat exchanger (92% Min).
- Supplied with flue gas fan as a standard.
- Supplied with auger for automatic disposal of ashes to ash-container.
- Supplied with EC fan as a standard.
- Stainless steel bodywork.

APPLICATIONS

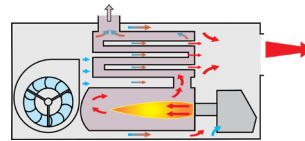
- CO₂ neutral crop-drying.
- Heating of constructions sites, halls and warehouses.
- Heating of construction- and renovation projects.

ADVANTAGES

- Possibility of remote control and monitoring of the burner.
- Green/CO₂ neutral alternative for standard fossil fuels.
- Easily transportable with box girders and forklift slots.
- Protected against non-professional operation because of the lockable central control box and burner area.
- Logistic and storage advantages because of its robust stackable construction.
- Most of the ashes are removed automatically from the combustion chamber.

WORKING PRINCIPLE

Indirect pellet 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 PELLET SERIES	2000P	2000PC
Heat output (kW)	140	140
Fuel consumption pellets Max. (kg/hr)	25	25
Heated airflow (m ³ /hr)	12.500	12.500
Power consumption (A) 400V	6,5	6,5
Thermostat connection	✓	✓
Max. ventilator back pressure (Pa)	600	600
Outlet cone Ø (mm)	1X500	2X400
Flue connection Ø (mm)	200	200
Dimensions L*W*H (cm)	216*80*134	299*244*259
Weight (kg)	550kg	± 2100kg
Item number	41.731.000	at request