

BLOWTHERM PACK P IC SERIES HIGH EFF 106% Low NOx Pressurized Inversion Flame Hot Water Boiler

★★★★★ 4 Stars Efficiency in conformity to the 92/42/EEC European Directive, Efficiency: 106% Low NOx.

Blowtherm High efficiency inversion flame pressurized hot water Boilers PACK-P IC 110 – 640. The boiler is constructed as per European directive 90/396CE (directive on gas) and 92/42CE (directive on efficiency) and Certified to the PED (Pressure Equipment Directive).

SPECIFICATION

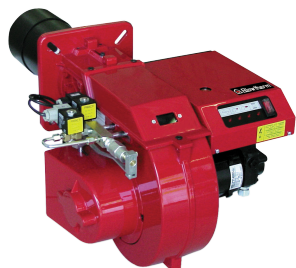
- Three passes steel heating boiler
- Steel boiler with total inversion flame combustion chamber
- Furnace with passing flame with wet back
- Low temperature working: min inlet water temperature 15°C (using gas) and 45°C (using oil)
- Turbulators in stainless steel AISI 430, with special configuration for high efficiency
- Easy maintenance thanks to the big front door and to the bolted smoke chamber totally dismountable
- Thermo-insulation for combustion chamber in mineral wool
- Door with refractory thermo-insulation and flame sight glass
- Pre-coated steel cover
- LOW NOx version • Suitable for whether-compensated flow temperature working
- Control panel with general switch with working lamp and thermal fuse, regulation thermostat, safety thermostat with manual reset, water dial thermometer
- Max working pressure: 5bar
- Max working temperature: 115°C
- Output efficiency 106%



OPTION: Condensation Neutralizer available

Burner: Unit furnished with burner and oil / gas train, Electronic ignition controller, Ignition electrode, Ignition transformer, diesel pump with oil valves and interconnecting piping. **CE Gas train** to include - Class A multi-block gas valve (slow opening single stage + safety valve), - Gas Pressure switch, - Gas Pressure reducer + filter. **CE-CT Gas train** (available on request) include - Class A multi-block gas valve (slow opening single stage + safety valve), - Valve proving system (control of gas leakage), - Gas Pressure switch, - Gas Pressure reducer + filter.

Fuel Options: Natural Gas, High-speed diesel oil, Heavy oil, Dual Fuel Oil/Gas Burners



OIL BURNER



GAS BURNER



OIL & GAS
BURNER

PACK P/IC	110	150	190	230	290	345	405	440	520	580	640
Nominal Output Cap. kW (80 / 60°C)	110	148	185	227	286	345	400	436.7	518.9	570.4	641.3
Nominal Output Cap. kW (40 / 30°C) Eff	117.6	160.3	200.4	244.8	309.7	372.3	438.9	482.1	572.8	629.1	707.7
Furnace Capacity kW	113.3	152	189.6	232.3	292	351.7	407.3	458.7	545	599	673.6
Max Boiler Pressure	5	5	5	5	5	5	5	5	5	5	5
Empty weight Kg	370	430	500	545	615	620	695	1030	1120	1130	1130