

HWP Series
Ecopac
Hot Water Generator



Pressurised Hot Water Generator

3 pass wet back coil type design

- **High efficiency 93% ± 2%** for HWP Series
- **No refractory** radiation and maintenance
- **Unit coil draining possible**, which can prevent oxygen pitting during idle times. And also can be installed at places of **sub zero temperatures**

User friendly control panel

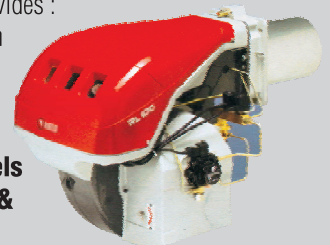
- **Controlled voltage supply** to the panel circuit
- Powder coated & dust proof
- Simple operation, **no operator required**
- Reliable components & instruments

Horizontal, skid mounted pre-insulated, prewired unit

- **Complete, pre-insulated and pre-wired** unit with circulating pump, connected pipeline, control panel fitted on skid
- **Can be installed in the basements** with low ceiling heights
- Floor level height, easy operation & maintenance
- Minimum installation time
- Fitted on skid, hence **no separate foundations required**

Mono block burner from the world leaders

- **RIELLO (Italy)**, The largest burner manufacturer in the world, which provides :
 - ❖ **High combustion efficiency**
 - ❖ **Low power consumption**
 - ❖ **Lower noise levels**
 - ❖ **Easy to operate & maintain**



Front hinged door

- Quick and easy cleaning of heat exchanger

Unit with Expansion Tank

- **Skid mounted** expansion tank and make up pump
- Fitted with **Nitrogen gas train**
- **Pre-insulated**

Customisation

- ISOTEX offers complete range of ECOPAC Models to meet various customer needs.
- Capacity range from 1,00,000 kcal/hr to 1,00,00,000 kcal/hr at standard outlet temperature of 140 °C
- System with outlet temperature 250 °C can be custom built on request
- System can be design for running on solid fuel like coal, wood waste, rice husk, bagasse, petcoke, palm kernel shell etc.
- Isotex can also offer systems with combination of Thermic Fluid heater, Hot water generator & Steam Generator



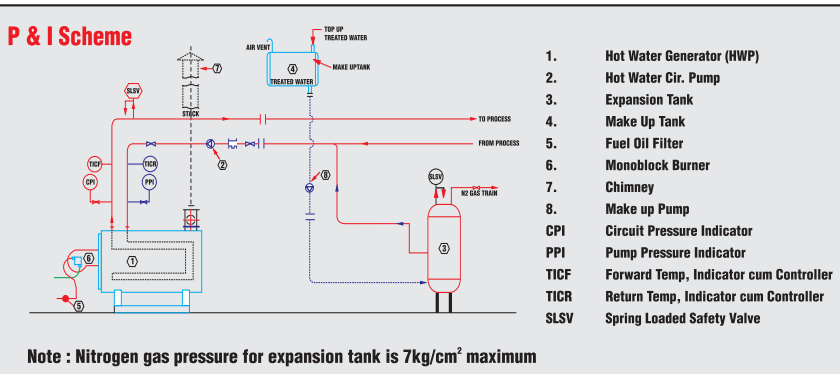
Isotex is a leading company recognized for excellence in Design, Development and Manufacturing of Boilers and Heaters. Since its establishment in 1978, Isotex has focused on developing innovative technologies in process heating. The experience realized in over 6000 installations working since 30 years in all types of fields, give us the possibility to find out the best solution for every need. Isotex is more than just another supplier, Isotex is quite simply your best choice of a business partner now and in

Whatever the fuel available, Isotex has a solution



Isotex has helped by developing technologies that use economically available fuels at the most optimum conversion rates. Isotex offers units for firing more than 100 fuels including variety of biomass, biogas, blast furnace gas, spent gas and waste oils.

“OVER 6000 INSTALLATIONS”



Technical Specifications

HWP Series, HSD/LDO/FO/GAS Fired Hot Water Generator Maximum Temperature 140°C

Model	Unit	HWP-200	HWP-300	HWP-400	HWP-600	HWP-1000
Heat Output	Kcal/hr	2,00,000	3,00,000	4,00,000	6,00,000	10,00,000
Outlet Temp	°C	140	140	140	140	140
Temp. Differential	°C	20	20	20	20	20
Head of outlet	Kg/cm ²	2	2	2	2	2
Fuel Consumption						
LDO	Kg/hr	21.54	32.32	43.09	64.64	107.7
FO	Kg/hr	22.77	34.16	45.55	68.33	113.8
N.GAS\	Nm ³ /hr	25.85	38.78	51.71	77.56	129.3
Total Connected Load						
LDO\		4.88	6.85	7.32	10.3	14.35
FO\		7.95	11.75	14.25	19.25	26.75
N.GAS\		4.85	6.79	7.1	9.95	15.15

Thermal efficiency : 91%±2%on NCV

NCV :(HSD 10,500), (LDO 10,200), (FO 9,650), (LPG 11,850) Kcal/kg,N GAS : 8,500 Kcal/NM³. Electric Supply : AC 3 Ph, 415V±6%, 50Hz±3%, 4 Wire System. *Operates on Single Phase Electric Supply

Nationwide dealer network

Our nationwide network of dealers is fully geared to provide prompt and efficient pre and post sales service at your doorstep. And this includes addressing

Available Options

- Standard units are horizontal. However, vertical units can be offered
- Option of dual fuel firing is available
- Ecopac units are suitable for operation with any burner conforming to DIN - 4787

Manufactures & Marketed by :



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