

**H<sub>2</sub>**  
Ready

Nominal power **2500 ÷ 6000 kW**

Design pressure **6 bar**



# TNOX - TNOX.e

Three-pass boiler

**ICI**

POWERING EVOLUTION



The TNOX range includes three pass, wet back boilers with low thermal load in the combustion chamber (between 1 and 1.2 MW/m<sup>3</sup>). The boilers with automatic operation are suitable for operation on liquid or gaseous fuels and designed for large heating systems with an operating temperature between 60 and 100°C., Designed for 110°C maximum temperature.

## TECHNICAL DATA

TNOX - TNOX.e	Heat output	Design pressure	100% Productivity (ref. P.C.I.)
	kW	bar	%
<b>2500</b>	2500	6	93
<b>3000</b>	3000	6	93
<b>3500</b>	3500	6	93
<b>4000</b>	4000	6	93
<b>5000</b>	5000	6	93
<b>6000</b>	6000	6	93



## Standard accessories

1. Electrical panel

## Optional accessories

2. Burner

## DIMENSION

TNOX - TNOX.e	H	L	P	Empty weight	Total volume	
					TNOX	TNOX.e
	mm	mm	mm	kg		
<b>2500</b>	2460	2200	3879	6300	4496	4496
<b>3000</b>	2460	2200	4379	6950	5000	5746
<b>3500</b>	2700	2410	4379	8200	6441	6441
<b>4000</b>	2700	2410	4879	8970	7335	7335
<b>5000</b>	2820	2560	5389	11280	9088	9088
<b>6000</b>	2820	2560	5389	12160	10066	12160

## ADVANTAGES

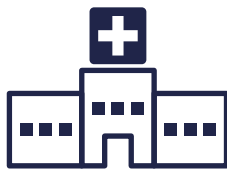
- **Control and regulation:**  
connection and regulation of the entire system via a PLC entirely developed by ICI.
- **Interconnection with the heating plant:**  
remotization of all operating data via communication protocols. Creation of a synoptic on a dedicated web page for remote telemanagement.
- **Traditional fuels:**  
Methane - LPG - Naphtha - Diesel
- **Clean fuels:**  
Biogas - Biomethane - Biodiesel - Syngas
- **H<sub>2</sub> Ready:**  
Compatibility with hydrogen operation with mixtures up to 100%
- **Certifications**



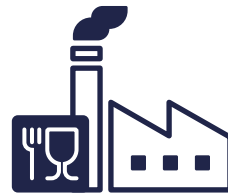
## MAIN APPLICATIONS



Industry



Hospital



Food&Beverage



Oil&Gas

## SUPPORT SERVICES

With the new Assistance Services specific to the different types of generators and the impact they have on productivity, ICI Powering Evolution customers can maintain the high efficiency status of their thermal power plants.

### Activities

Each package offers a unique level of service, designed to guarantee:

- A wide range of included services
- Tailored support for specific needs
- Performance analysis and monitoring

Support service activities are grouped into 3 categories:



Basic Support



Active Support



Active Support Plus

# COMPONENTS COMPATIBLE



**ECXV**  
Vertical economiser



**ECXV KOND**  
Stainless steel vertical  
condensing economiser



**RETURN T° CONTROL  
SYSTEM**  
System for maintaining the  
temperature difference  $\Delta^\circ$   
between supply and return



**CASCADE MASTER/SLAVE  
FRAMEWORK**  
Eterm framework for cascade  
management



**ELECTRIC PANEL WITH PLC**  
System and cascade management  
panel with Eterm PLC



**SERVICE LEVEL AGREEMENT**  
19 managed services, 3 levels of  
offering



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