



**Reliable, Safe and  
Durable Vaporizer**

# AX5 Model

**Capacity : 750kg & 1000kg/hr**

view on  
website



**AX**  
EV-750AX5

Ex d ia II B T4 Gb / Class-1, Division-1

## **Leading Manufacturer of Vaporizer in JAPAN**

Kagla Vaportech Corp has been the leading manufacturer of LPG vaporizers in Japan. With the knowledge based on long history of product development, we assure to provide you the most reliable vaporizers to your facilities.

# Electric Water Bath LPG Vaporizer

## FEATURES OF KAGLA “AX5” VAPORIZER

### Advanced Safety Mechanism

- \* Kagla approved thermo valve prevents LPG liquid carryover.
- \* Prevention of over-heating
  - Water level switch monitors water level in the bath.
  - Safety thermostat functions against abnormal high water temperature.

### User Friendly Interface

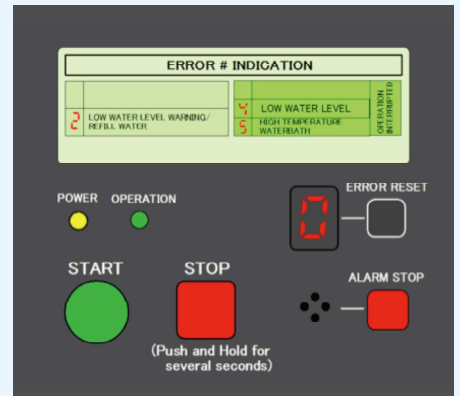
- \* Easy operation is realized by equipping electric control panel with digital indicator.
- \* Combination of the number display and indicator lamps on the panel will tell operation status and cause of troubles of AX5 with a single glance.

### Easy Maintenance Structure

- \* Top cover of AX5 is removable from its body for easy maintenance and overhaul.



AX5 Control Panel



## SPECIFICATION

MODEL		EV-750AX5	EV-1000AX5
Fluid		LPG (Liquefied Petroleum Gas)	
Vaporization Capacity	kg/h	750	1000
Water Bath Capacity	liters	400	800
Heat Exchanger Design Pressure	Mpa	1.77	
Liquid Inlet Bore		JIS 20K 25A or ANSI #300 25A	
Gas Outlet Bore		JIS 20K 50A or ANSI #300 50A	
Hydrostatic Test Pressure	Mpa	2.66	
Relief Valve Setting Pressure	Mpa	1.72	
Flame-Proof Electric Heater		96 (32kW x 3)	128 (32kW x 4)
Electric Requirement Heater		380/415/440V, 3-Phase (other voltages also available)	
Dimension (mm)	Width x Depth x Height	670 x 1024 x 1927	950 x 1119 x 1930
Weight	kg	550	900
Design Standard Approval		Explosion-Proof Construction/NEPSI (National Supervision and Inspection Center for Explosion Protection and Safety Instrumentation)	

\*Standard Model : 380V  
Different voltage available upon your requests

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