



Vaporizers : AX5



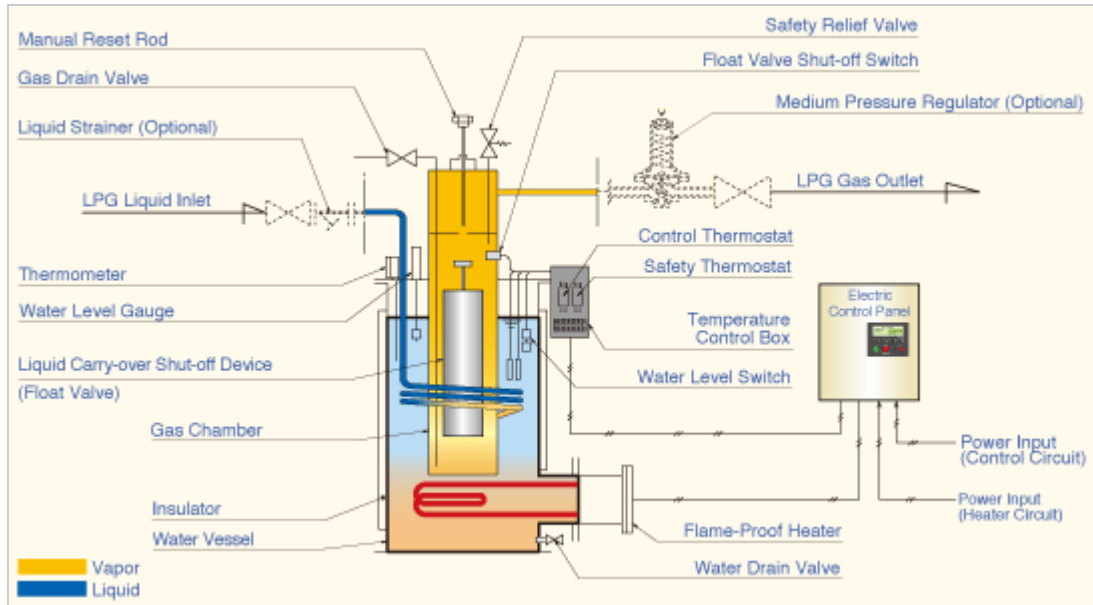
Specification		EV-50AX5	EV-100AX5	EV-150AX5	EV-200AX5	EV-300AX5	EV-500AX5	
Vaporization Capacity	kg/hr	50	100	150	200	300	500	
	U.S Gal/hr*	25	50	75	100	150	250	
	lb/hr	110	220	330	440	660	1100	
Water Bath Capacity		50	50	95	120	130	275	
Heat Exchanger Design Pressure	kg/cm2	18						
	psig	257						
	MPa	1.77						
Liquid inlet bore		Rc3/4						Rc1
Gas outlet bore		Rc1						Rc1-1/4
Hydrostatic Test Pressure	kg/cm2	27						
	psig	386						
	MPa	2.66						
Relief Valve Setting Pressure	kg/cm2	17.5						
	psig	250						
	MPa	1.72						
Flame-Proof Electric Heater	kW	8	14	21	28 (14kWx2)	42 (21kWx2)	63 (21kWx3)	
Electric Requirement	Heater Control Circuit	200/220/380/415/440/460V,3-Phase					220V,1-Phase	
Dimension (mm)	Width	420	420	480	520	520	670	
	Depth	684	642	682	732	732	847	
	Height	857	857	1058	1098	1158	1357	
Vaporizer Control Panel Dimensions (mm)	Width	300						450
	Depth	150						250
	Height	400						500
Weight	kg	160	160	235	290	320	665	
	lb	350	350	510	630	700	1460	
Design Standard Approval		Pressure Vessel/JIS B-8265 Explosion-Proof Construction/NEPSI (National Supervision and Inspection Center for Explosion Protection and Safety Instrumentation)						

* When gas composition is Propane50:Butane50 / outside temperature is 25°C

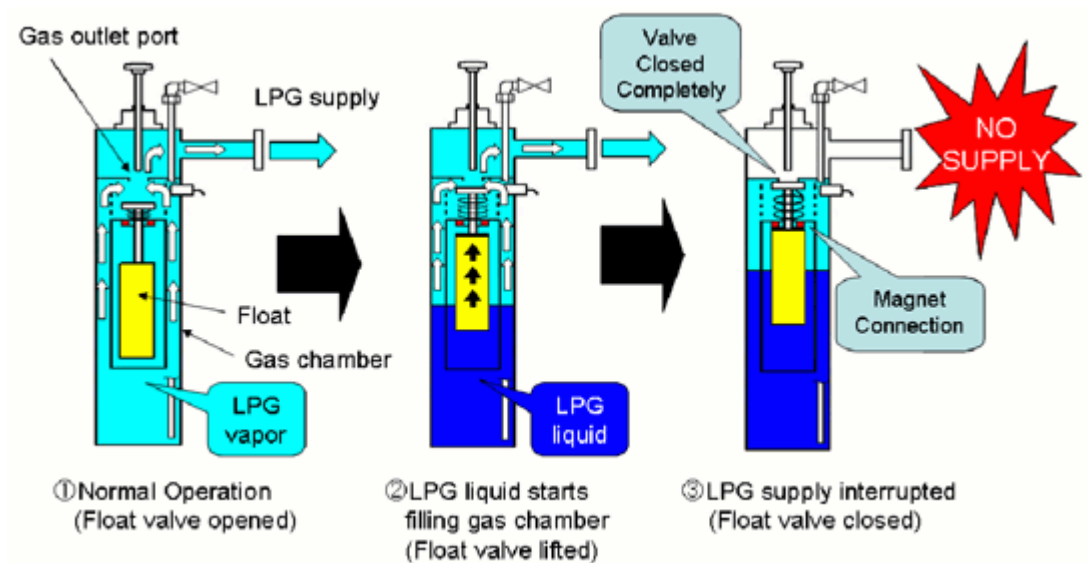
Attention

- The control panel is provided together with vaporizer
- Worldwide voltage available
Heater : 200 / 220 / 380 / 415 / 440 / 460V +10 / -0%)
Control circuit : 220V ±10%
- Ambient temperature 0°C ~ 40°C
- Gas composition Propane : 30% / Butane : 70% ~ Propane : 100% / Butane : 0%

[page top](#)



Features



- This function is controlled by the float and magnet only, but not by electricity or pilot air. Simple and reliable mechanism secures safe operation.

**2. DISPLAY ON ELECTRIC CONTROL PANEL

Control Panel

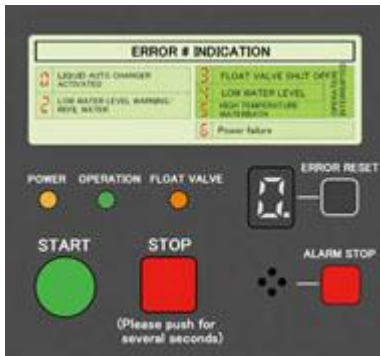


Table of Operation Status

Display	Operation of Vaporizer	Status
2	ON	Low Water Level Warning
3 (Lighting)	SHUT DOWN	Float Valve Shutoff (overload / heater defective)
3 (Flashing)		Float Valve Shutoff (thermostat defective)
4		Low Water Level Shutdown
5 (Lighting)		High Water Temperature Shutdown (minimum controller defective / magnet switch defective)
5 (Flashing)		High Water Temperature Shutdown (thermostat defective)
6		Float Valve Shutoff by blackout (not a defect)
.		Electric Heater ON
0	ON	Liquid Auto Changer activated (optional)

- Operation status of vaporizer can be monitored on the electric control panel from remote place
- Combination of "lighting on" and "flashing on/off" indications report both the operation status and the cause of the problem
- When the numbers 3 / 4 / 5 / 6 are displayed, operation of the vaporizer is interrupted