



POWER XP SPECIFICATIONS

MODEL	XP25	XP50	XP80				
*Vaporization Capacity							
kg/hr.	50	100	160				
lbs/hr.	110	220	352				
Million BTU/hr.	2.28	4.55	7.28				
Million kcal/hr.	.57	1.14	1.83				
U.S. gallons/hr. (nominal)							
		25	50	80			
Heat Exchanger							
Surface Area	ft ²	2.9	2.9	4.3			
	m ²	.27	.27	.40			
Pressure Vessel							
Design Pressure	psig	←————— 250 —————→					
	kg/cm ²	←————— 17.6 —————→					
Test Pressure	psig	←————— 375 —————→					
	kg/cm ²	←————— 26.3 —————→					
Pressure Vessel Liquid Capacity							
U.S. gallons	.95	.95	1.6				
liters	3.61	3.61	6.0				
Operating Temperature Range							
	°F	←————— 160-175 —————→					
	°C	←————— 71-79 —————→					
Electrical Classification Class I, Division 1, Group D							
Shipping Weight							
lbs	90	90	120				
kg	41	41	54				
Electrical							
XP25							
Voltage	208	220	240	380	415		
Phase	1 & 3	1 & 3	1 & 3	3	3		
kw	5.9	6.5	7.8	6.5	7.7		
amps	28.1/16.3	29.7/17.2	32.4/18.8	9.9	10.8		
XP50							
Voltage	208	220	240	380	415	440	480
Phase	1 & 3	1 & 3	1 & 3	3	3	3	
kw	11.7	13.1	13.0/15.6	13.1	15.6	13.1	
amps	56.2/32.5	59.5/34.4	54.0/37.5	19.9	21.7	17.2	18.8
XP80							
Voltage	208	220	240	380	415	440	480
Phase	1 & 3	1 & 3	1 & 3	3	3	3	
kw	17.8	20.0	23.8	20.0	23.8	20.0	23.8
amps	49.6	52.4	57.3	30.3	33.1	26.3	28.7

* Vaporization capacity ratings at 100 psig (7.0 kg/cm²) and at 0°F (-17.8°C) LPG with full rated voltage. Higher pressures or lower temperatures may decrease the capacity accordingly. For more information, contact your ALGAS-SDI distributor or factory Customer Service (USA) representative.

Contact Your Distributor Today:



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ECLIPSE
Algas • SDI
Form XP-0503



POWER XP

Electric LPG Vaporizer



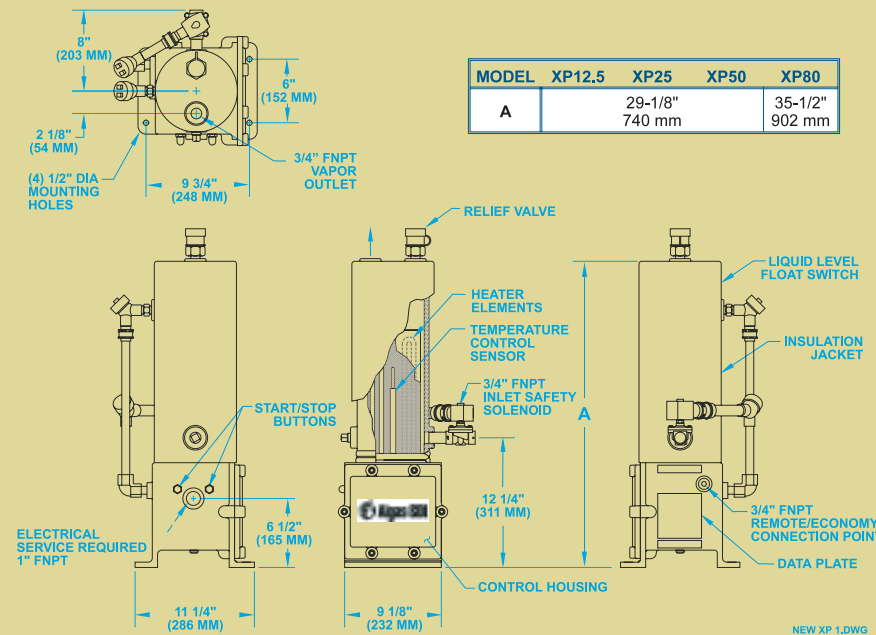
POWER XP

the power of innovation



Power XP vaporizers are used in a wide variety of applications such as utilities, restaurants, industrial plants, and large hotels. The Power XP vaporizer can also operate in conjunction with a mixer to provide a standby system with uninterrupted LPG supply at peak capacity.

Dimensions



Waterless electric vaporizer:

- No corrosion – longer product life.
- No refilling – low maintenance, fewer parts, lower costs, minimum down time.
- No sediment – increased reliability.
- 98% thermal efficiency.

Explosion proof design:

- Can be mounted next to tank or building – no distance requirements.
- Safe!

No flame or pilot.

Works in any climate.

- Rated to -40 F/-40 C.
- Perfect for 100% propane to 100% butane.

Self contained:

- Requires no additional remote mounted controls for operation.
- Complete with all controls and safeties.
- Small footprint – saves space.

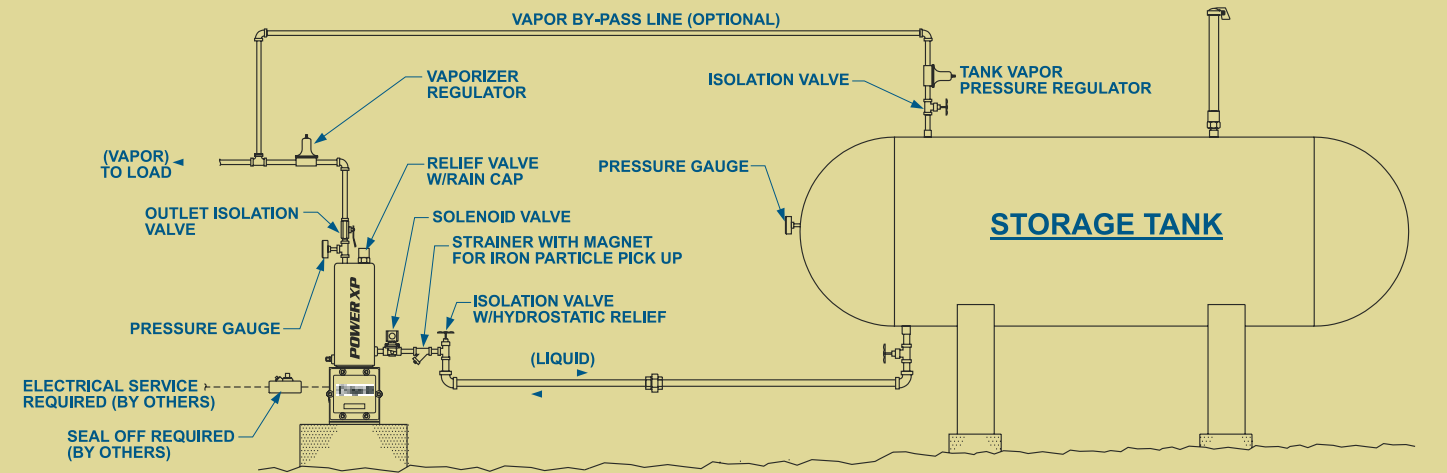
Instant operation:

- Requires only 45 seconds to reach operating temperature from a cold start.
- On demand heating cycle.
- Excellent for portable applications such as construction site heating.

Power XP Dry Electric Vaporizer safely and efficiently vaporizes LPG for industrial, and utility applications

NOTES

- 1) LIQUID PIPING LOSSES MUST NOT EXCEED THE HYDROSTATIC HEAD WHEN THE PUMP IS SHUT OFF.
- 2) NO CHECK VALVES IN LIQUID LINE; LIQUID MUST BE ABLE TO FLOW BOTH DIRECTIONS.



Note: No check valves in liquid line; liquid must be able to flow in both directions.

FILE: XPMAN3.DWG

Features

Explosion Proof-Meets class I, Division 1, Group D, Specified in National Fire Protection Association pamphlet 70.	Direct monitoring high temperature RTD sensors for operation and over temperature protection
Pressure Vessel-Designed to ASME / CE Specifications.	Mechanical heat limiters ensure no overheating
UL / CE Stamped Relief Valve Relief Valve 250 PSIG / 17.6kg / cm ²	Compact footprint size of approximately 1 ft ² (.09m ²)
Float Activated High Liquid Safety Switch.	Pressure balanced LPG supply/delivery operation
Two Independent High Temperature Safety Systems.	CE version is Nemko approved for use in Zone 1 locations
98% Thermal Efficiency.	100% turndown capability
All Models 50 / 60Hz.	Factory tested
Worldwide voltages available	

Options

Auto Re-start

In the event of a power interruption, the vaporizer will re-start automatically when power is restored.

Economy

Shuts off vaporizer when natural vaporization of the tank can meet the demand. ***Must order auto re-start when the economy option is ordered.***

Remote Control Box

Provides a means of controlling the vaporizer from a remote location up to 425 feet away. The control panel includes on, off, and alarm silence buttons with indicators for operational status and alarm. Intended for indoor use. ***Cannot be used with auto restart or economy options.***

Filtaire

The Filtaire is a filtering device designed to trap heavy hydro-carbons commonly found in LPG vapor.

Valve and Strainer Package

Includes: inlet strainer with magnetic plug, inlet shut-off angle valve, hydrostatic relief valve, outlet shut-off ball valve and an outlet pressure gauge.

Pipe Away Adapter

Connects to the vaporizer allowing you to pipe away the relief valve in the event of a discharge.

XP Stand

Raises the unit approximately 1 foot off the ground for ease of control box access and removes unit from the elements surrounding it on the ground.