

# RANSOME

## MANUFACTURING

*Manufacturing and Equipment Distribution*

## RES Series Electric LP-Gas Vaporizer

### Standard Features:

- Dry-type carbon steel pressure vessel.
- Ransome's unique mechanical liquid level inlet valve. It provides positive shutoff of LP-Gas liquid, preventing liquid from entering the outlet. No manual reset or operational disruption.
- Electronic Temperature Controller, with Solid State Contactor. The controller operates the heater circuit for the desired outlet vapor temperature set point. The controller also monitors for high temperature and turns off heater in the event of a high temperature condition.
- Replaceable electric resistance heater cartridge. Provides the heat required for vaporization.
- ASME stamped relief valve. Each vaporizer unit is adequately protected in accordance with NFPA 58 and California Title 8 codes.
- 240/480V AC , 3PH, 60 Hz Input power. No other power is required. (Optional: 380V AC and 415V AC, 3PH, 50Hz or 60Hz)
- All sizes are capable of infinite turndown and will maintain a ready supply of vapor from zero load to full capacity. At no load, only enough heat will be generated to maintain set point temperature.
- Standard electrical configuration Class I, Division I.



### Selection Chart

If your maximum propane load requirements are up to *				KW	RANSOME MODEL
GAL/HR	MILLIONS of BTU/HR	CF/HR	KG/HR		
50	4.58	1,825	96	14.65	RES 50 RES 80 RES 120
80	7.32	2,920	153	23.45	
120	10.98	4,374	230	35.17	

\* Rated capacity in GPH of propane @ 0 degrees F with a minimum vapor outlet temperature of 100 degrees F.  
NOTE: Rated capacity for butane will be lower than that of propane.

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