

VAPORIZERS and VAPORIZER-MIXERS www.RANSOMEfmg.com

SECTION K

VAPORIZERS and VAPORIZER-MIXERS

PAM Series Direct-Fired Vaporizer/Air Mixer



LP-Gas is a highly concentrated source of energy, with 2516 BTU's per cubic foot gross heat content. It is too rich to use as a substitute for natural gas without dilution. The Ransome mixer blends in just the right amount of air for an equivalent mixture. A mixture with a specific gravity of 1.31 (1480 BTU/Cu. Ft.) will approximately match 0.6 specific gravity natural gas with 1000 BTU/Cu. Ft. gross heat content.

"E" Option Electric Pilot Reignitor For Models:	PART NUMBER	LIST PRICES
PAM200-10	XE0200	675.00
PAM400-20	XE0400	855.00
PAM600-30	XE0600	1005.00
PAM800-40	XE0800	1230.00
PAM1000-50	XE1000	1395.00

Million of BTU/HR	Thousands of SCFH Natural Gas	Thousands of SCFH Mixed Gas	Air Required SCFM (for 10-30 psi only)	PART NUMBER	LIST PRICES
14.75	14.75	10	75	PAM200-10	33122.00
29.50	29.50	20	150	PAM400-20	45660.00
44.25	44.25	30	225	PAM600-30	54290.00
59.00	59.00	40	300	PAM800-40	65142.00
73.75	73.75	50	375	PAM1000-50	74136.00

PAMW Series Water-Bath Vaporizer/Air Mixer



Same as above except Water-Bath.

"E" Option Electric Pilot Reignitor For Models:	PART NUMBER	LIST PRICES
PAMW180-10	XE0200	675.00
PAMW360-20	XE0400	855.00
PAMW540-30	XE0600	1005.00
PAMW720-40	XE0800	1230.00
PAMW900-50	XE1000	1395.00

Million of BTU/HR	Thousands of SCFH Natural Gas	Thousands of SCFH Mixed Gas	Air Required SCFM (for 10-30 psi only)	PART NUMBER	LIST PRICES
14.75	14.75	10	75	PAMW180-10	42242.00
29.50	29.50	20	150	PAMW360-20	53550.00
44.25	44.25	30	225	PAMW540-30	64338.00
59.00	59.00	40	300	PAMW720-40	78372.00
73.75	73.75	50	375	PAMW900-50	90184.00

Tank Heater Series Electric Vaporizer



RE Series Horizontal Tank Heaters are pressure controlled evaporators capable of providing the heat required to vaporize LP-Gas and thereby "heat" an LPG storage vessel.

GAL/HR	CF/HR	Million of BTU/HR	PART NUMBER	LIST PRICES
25	911	2.28	RETH25	FO.A.
50	1822	4.58	RETH50	FO.A.
80	2916	7.32	RETH80	FO.A.
160	5832	14.64	RETH160	FO.A.
240	8748	21.96	RETH240	FO.A.
320	11664	29.28	RETH320	FO.A.
400	14580	36.60	RETH400	FO.A.

VSS Series Steam Vaporizer



The VSS Series Steam Vaporizer uses a thermally actuated control system to regulate the flow of steam into a shell and tube heat exchanger.

GAL/HR	CF/HR	Million of BTU/HR	PART NUMBER	LIST PRICES
55	2001	5.03	VS55	27642.00
100	3639	9.15	VS100	28540.00
330	12009	30.2	VS330	35344.00
660	24017	60.4	VS660	46778.00
1000	36390	91.5	VS1000	53800.00
1500	54585	137.3	VS1500	64086.00
2400	87336	219.6	VS2400	83160.00
3780	137554	345.4	VS3780	119070.00
5460	198689	499.6	VS5460	155658.00
7700	280203	704.6	VS7700	206168.00
11800	429402	1079.7	VS11800	315946.00