

DIRECT FIRED

the power of innovation

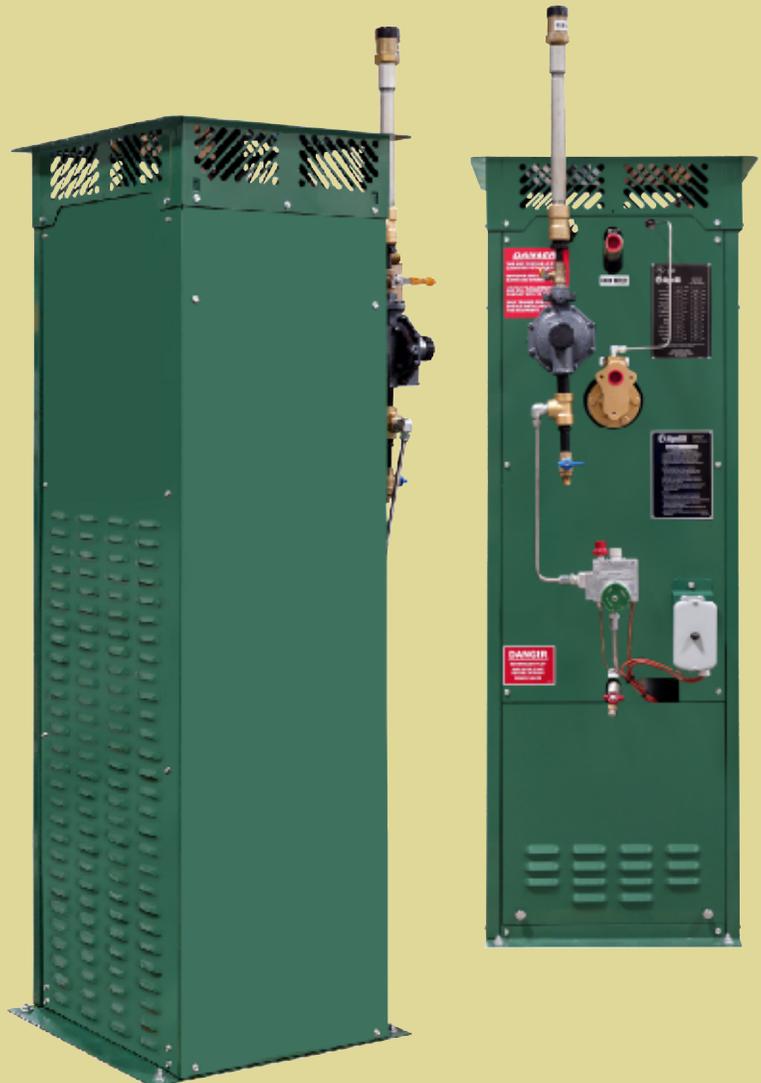
160 - 800 Gal/Hr

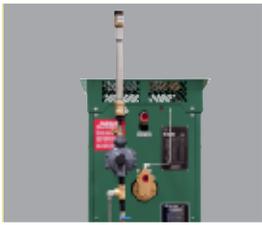


Algas-SDI's High Capacity Direct Gas Fired LP-Gas vaporizers are ideal for use where electricity is not desired or available on-site and for temporary or portable type applications. Examples are grain drying, animal confinement, greenhouses, temporary heating during building construction and more.

These units combine **Algas-SDI's** world standard direct fired technology with robust modern construction to create a vaporizer that can take the abuse of both weather and difficult site conditions.

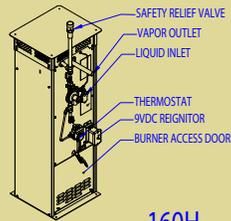
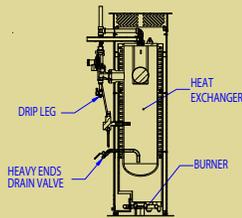
- **No Electricity Required!**
- **No water to maintain**
- **Main service components are interchangeable with 40/40H, 80/40H and 120/60H**
- **Heavy duty ASME stamped pressure vessel**
- **9VDC ignitor for easy start & for restart in the event of pilot outage**
- **Rugged, heavy gauge powder-coated cabinet**
- **Dual safeties for liquid carry-over prevention**
- **Easy access door for pilot and burner maintenance**
- **Heat exchanger drain valve for ease of service**



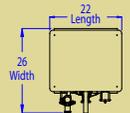
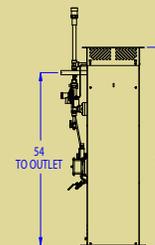


SPECIFICATIONS

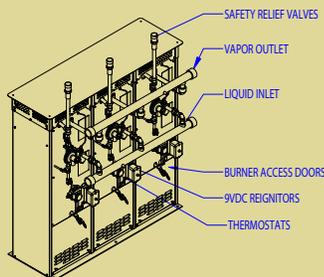
Model		160H	320H	480H	640H	800H
Vaporization Capacity						
lbs/hr		704	1,408	2,112	2,816	3,383
kg/hr		320	640	960	1,280	1,535
million Btu/hr		14.56	29.12	43.68	58.24	72.8
million kcal/hr		3.66	7.32	10.98	14.64	18.4
U.S. Gal/hr (nominal)						
		160	320	480	640	800
Heat Exchanger						
Design pressure	psig	290	290	290	290	290
	kg/cm ²	20.4	20.4	20.4	20.4	20.4
Relief valve setpoint	psig	250	250	250	250	250
	kg/cm ²	17.6	17.6	17.6	17.6	17.6
Heat Input	BTU/hr	180,000	360,000	540,000	720,000	900,000
	kcal/hr	45,400	90,800	136,200	181,600	227,600
Liquid Inlet	NPT	3/4"	2"	2"	2"	2"
Vapor Outlet	NPT	1"	2"	2"	2"	2"
Shipping Weight	lbs.	405	810	1,215	1,620	2,025
	kg.	184	368	552	736	920
Overall Dimensions	LxWxH	22"x26"x61"	41"x33"x61"	59"x33"x61"	78"x33"x61"	96"x33"x61"



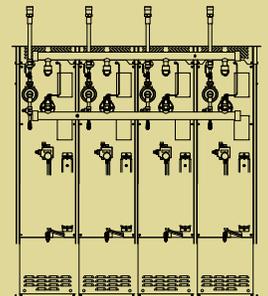
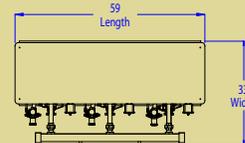
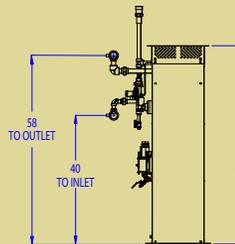
160H



ISO 9001
Certified



480H



640H

Power Equipment Company
2011 Williamsburg Road
Richmond, Virginia 23231
(T) 804-236-3800
sales@peconet.com



ECLIPSE
Algas · SDI
Form DF-0308