

DIRECT FIRED

the power of innovation

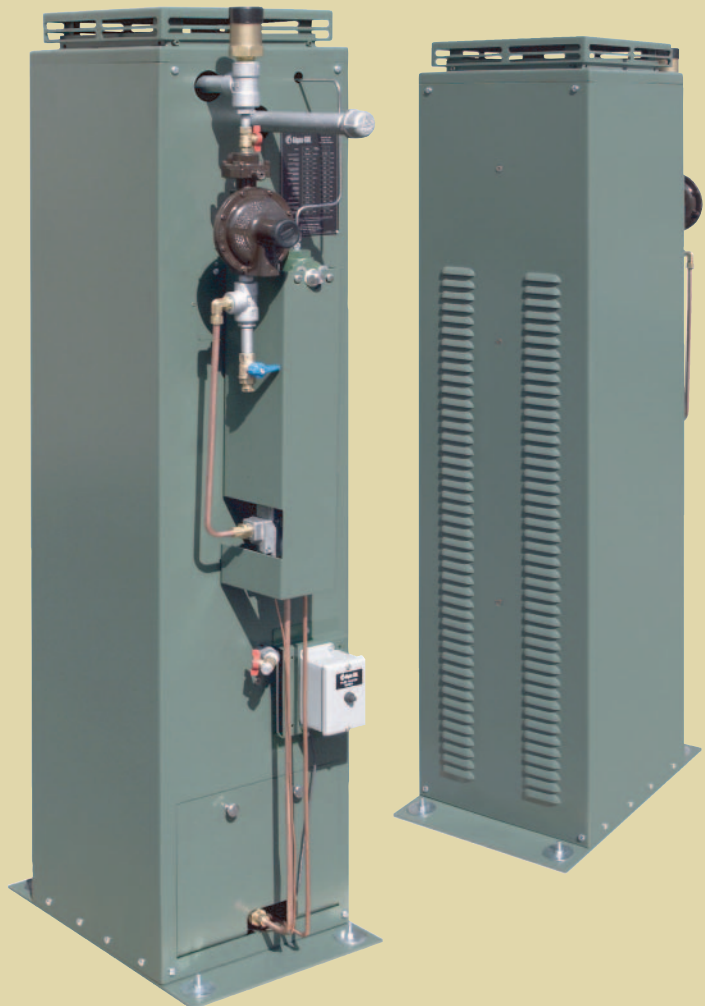
160 - 640 Gal/Hr



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

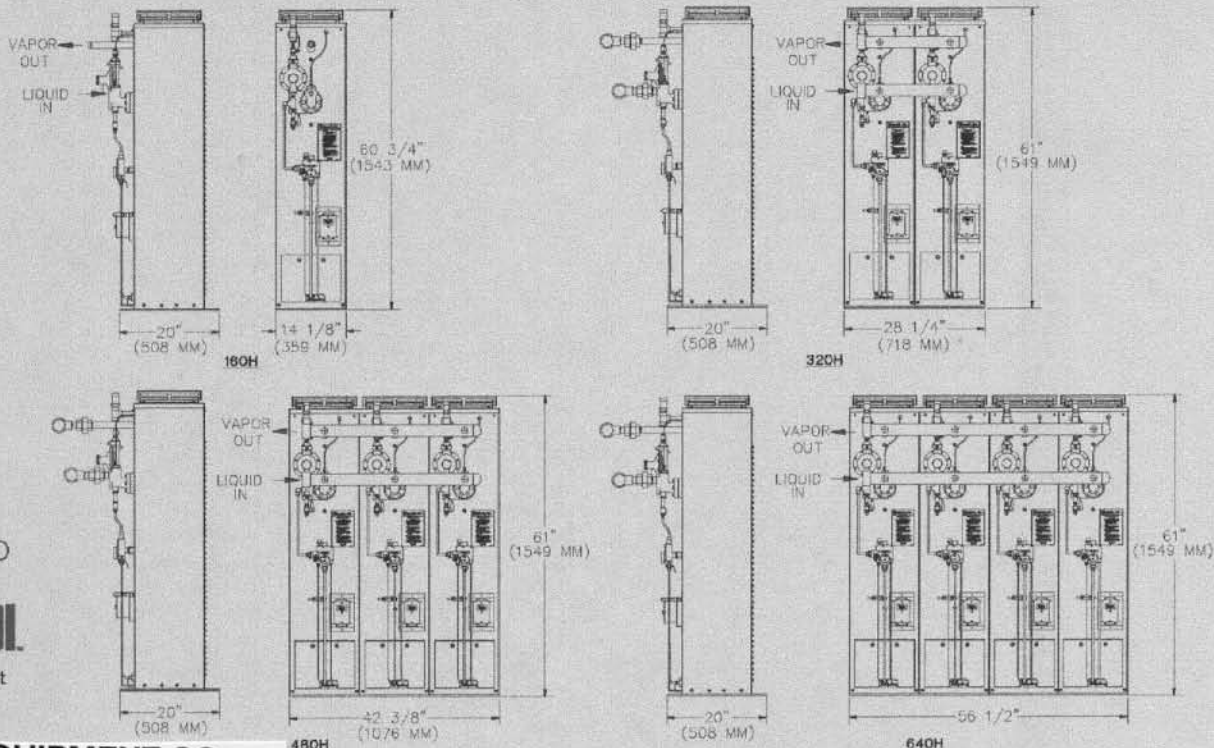
These new units combine **Algas-SDI's** world standard direct fired technology with robust modern construction to create a vaporizer that can take the abuse of both weather and difficult site conditions.

- **No Electricity Required!**
- **No water to maintain**
- **All service components are Interchangeable with the 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**
- **Double liquid carry-over prevention safety**



SPECIFICATIONS

Model		160H	320H	480H	640H
Vaporization Capacity					
lbs/hr		704	1,408	2,112	2,816
kg/hr		320	640	960	1,280
million Btu/hr		14.56	29.12	43.68	58.24
million kcal/hr		3.66	7.32	10.98	14.64
U.S. Gal/hr (nominal)					
		160	320	480	640
Heat Exchanger					
Design pressure	psig	290	290	290	290
	kg/cm ²	20.4	20.4	20.4	20.4
Relief valve setpoint	psig	250	250	250	250
	kg/cm ²	17.6	17.6	17.6	17.6
Heat input	BTU/hr	205,440	410,880	616,320	821,760
	kcal/hr	51,800	103,600	155,400	207,200
Vapor Inlet	NPT	3/4"	2"	2"	2"
Vapor Outlet	NPT	1"	2"	2"	2"
Shipping Weight	lbs.	405	810	1,215	1,620
	kg.	184	368	552	736



ISO 9001
Certified

Algas SDI

1140 NW 46th Street
Seattle, Washington,
USA 98107

POWER EQUIPMENT CO.

Manufacturers Representative

2011 Williamsburg Rd. • Richmond, VA 23231

(804) 236-3800 • FAX (804) 236-3882

www.peconet.com



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Algas TSDI

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