

# DIRECT FIRED

the power of innovation

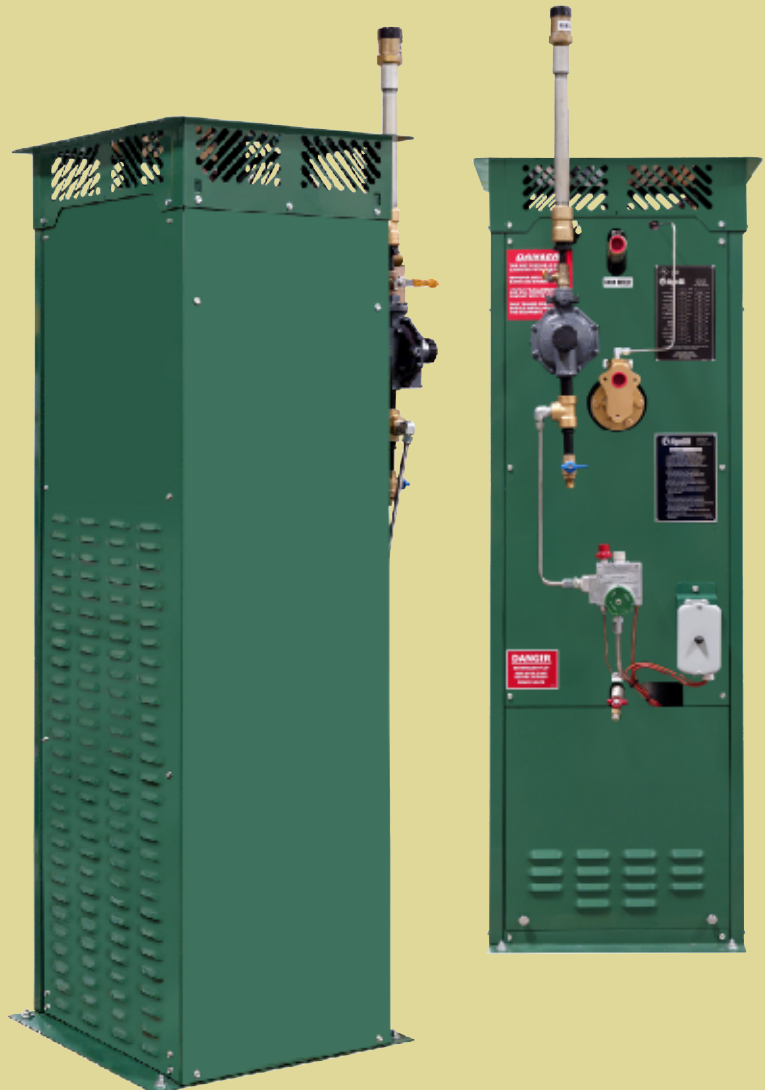
## 160 - 800 Gal/Hr



**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.

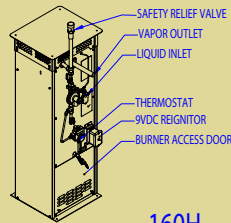
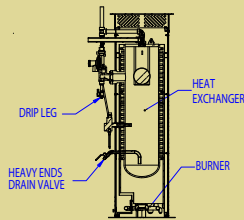
- **No Electricity Required!**
- **No water to maintain**
- **Main service components are interchangeable with 40/40H, 80/40H and 120/60H**
- **Heavy duty ASME stamped pressure vessel**
- **9VDC ignitor for easy start & for restart in the event of pilot outage**
- **Rugged, heavy gauge powder-coated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



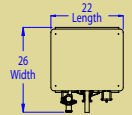
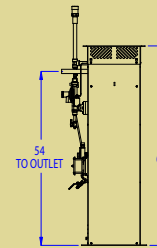


## SPECIFICATIONS

Model		160H	320H	480H	640H	800H
<b>Vaporization Capacity</b>						
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
<b>U.S. Gal/hr (nominal)</b>						
		160	320	480	640	800
<b>Heat Exchanger</b>						
Design pressure	psig	290	290	290	290	290
	kg/cm <sup>2</sup>	20.4	20.4	20.4	20.4	20.4
Relief valve setpoint	psig	250	250	250	250	250
	kg/cm <sup>2</sup>	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
<b>Liquid Inlet</b>	NPT	3/4"	2"	2"	2"	2"
<b>Vapor Outlet</b>	NPT	1"	2"	2"	2"	2"
<b>Shipping Weight</b>	lbs.	405	810	1,215	1,620	2,025
	kg.	184	368	552	736	920
<b>Overall Dimensions</b>	LxWxH	22"x26"x61"	41"x33"x61"	59"x33"x61"	78"x33"x61"	96"x33"x61"



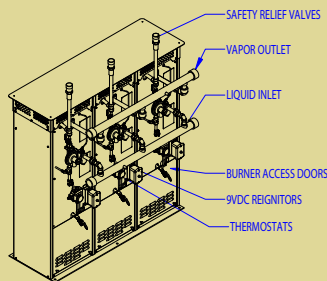
160H



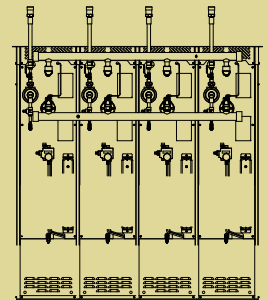
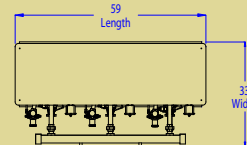
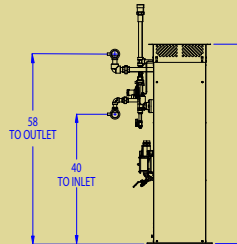
ISO 9001  
Certified



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480H



640H



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Form DF-0308