



**CENTURY FUEL
PRODUCTS**
Propane and Natural Gas Systems

C-H420SA VAPORIZER / REGULATOR

DESCRIPTION & DIMENSIONS

Model C-H420SA Regulator (350 HP / 261 kW)

DESCRIPTION—The C-H420SA two-stage regulator is an LPG liquid withdrawal high pressure regulator with a heat exchanger that will vaporize enough fuel for up to 350 HP (261 kW) engines.

OPERATION—With the C-H420SA's improved vaporization characteristics, liquid propane enters the regulator and then is vaporized using heat from the engine's coolant. Tank pressure is reduced to approximately 1.5 psi (10.342 kPa). As negative pressure is transmitted from the carburetor to the regulator, the regulator releases propane vapor to the carburetor. Our regulator is equipped with a primer button. A correctly installed regulator should not require priming. If priming is required, a maximum duration of only 1 second should be used.



C-H420 SERIES

- Propane liquid withdrawal vaporizing regulator
- For liquid-cooled engines up to 350 HP (261 kW)
- Compact, low-profile design
- Rated to 312 psi (2151.16 kPa) maximum inlet pressure



CAUTION—INSTALLATION & SERVICE

Only trained, certified technicians should perform installation, service or replacement of fuel delivery components.



NOTE—NFPA CODES & STANDARDS

For indoor applications by NFPA definition, a regulator is not considered a positive shut-off valve. An approved automatic shut-off device is required to be installed. This will shut off the fuel supply should the engine fail while unattended. Shut-off devices come in vacuum or solenoid actuated configurations.

REGULATOR SPECIFICATIONS

A	Overall Width	5-3/4" (146.1 mm)
B	Overall Depth	4-1/8" (104.8 mm)
C	Mounting Holes Center to Center	2-7/8" x 2-7/8" (73 mm x 73 mm)
D	Mounting Hole Diameter	1/4"-20 (4)
E	Fuel Inlet NPT	1/4" (6.4 mm)
F	Fuel Outlet NPT	1" (25.4 mm)
G	Coolant Inlet and Outlet NPT	3/8" (9.5 mm)

