



MODEL 100 SERIES

STANDARD CARBURETOR- FOR NATURAL GAS, LP-GAS & DIGESTER GAS

TECHNICAL DESCRIPTION

The Model 100 Series is a single diaphragm air-gas valve carburetor/mixer. It offers a 90-degree air inlet to provide low overhead clearance, and is available with several air horn and throttle body options. This unit is available for propane, natural gas and digester gas applications. It has been successfully used for other hydrocarbon-based vapor fuels as low as 500 BTU. The Model 100 is also available for Feedback applications with the 'FB' designation.

The 100 mixers provide a convenient 1/8" NPT balance port and two separate air valve vacuum ports. Additional low speed idle mixture control can be obtained to lean air-fuel mixtures through the use of optional shims.



TECHNICAL SPECIFICATIONS

Fuel Type.....	Natural Gas, LP-Gas, Digester Gas Air Flow
Capacity.....	93 L/s (197 cfm) @ 2.0 in Hg manifold depression
Horsepower Rating	91.7 kW (123 hp) @ 2.0 in Hg manifold Depression
Port Size	1/2" NPT
Materials	
Body	Aluminum
Diaphragm	Hydrin or Silicone
Diaphragm Cover	Aluminum