

LAMINAR FLOW Model A-400 Series



Dual thread housing



Female thread housing



Male thread housing

APPLICATION

OMNI® Model A-400 Series faucet flow controls are recommended for healthcare facilities, office buildings, hotels, motels, schools, restaurants and other locations where the addition of flow control is required at all faucet applications

PRODUCT FEATURES

- Unique Laminar Flow - clear, non splashing stream
- Cost Savings - cuts water/energy use
- Auto-Clave Sterilization Process recommended for hospitals and healthcare facilities
- Unique design has a low profile European style
- Low Noise - not to exceed 20DbA at 50PSI
- Flow Rates - 1.0, 1.5, 2.0, 2.5 GPM
- Lead Free option available

LOW FLOW Model L-400 Series



Dual thread housing



Female thread housing



Male thread housing

APPLICATION

OMNI® Model L-400 Series faucet flow controls are recommended for public restrooms and other locations where the addition of 0.5 GPM flow control is required at all faucet applications.

PRODUCT FEATURES

- 0.5 GPM Flow Rate meets ASHRAE standards for energy conservation
- Cost Savings - cuts water/energy use
- Auto-Clave Sterilization Process recommended for hospitals and healthcare facilities
- Unique design has a low profile European style
- Low Noise - not to exceed 20 DbA at 50PSI
- Rosetta/Soft Flow Spray Pattern is a non-aerated, improved wetting
- Self Cleaning/Maintenance Free
- Lead Free option available

LAMINAR & LOW FLOW

SUGGESTED SPECIFICATIONS

Model A-400 Series Laminar Flow Model

All faucets shall be equipped with Omni[®] A-400 Series Faucet Flow Controls or approved equal. The flow control shall be capable of delivering a set specified flow rate of _____ GPM (+/-10%) at 80 PSI. Units are to be low noise (not to exceed 20 Dba at 50 PSI). The units are to incorporate a self-cleaning feature. Devices without interchangeable cartridges and housing are expressly prohibited.

Model L-400 Series Low Flow 0.5 GPM Model

All faucet shall be equipped with Omni[®] L-400 Faucet Flow Controls or approved equal. The flow control shall be capable of delivering a set specified flow rate of 0.5GPM (+/-10%) at 80 PSI. Units are to be low noise (not to exceed 20 Dba at 50 PSI). The units are to incorporate a self-cleaning feature. Devices without interchangeable cartridges and housing are expressly prohibited.

OPERATION

The Omni[®] Faucet Flow Control Models are installed at the faucet spout end. The Laminar Flow models, when specified, will provide a flow, which is non-aerated, non-splash and crystal clear.
 The 0.5 GPM Low Flow models, when specified, will provide a Rosetta or Soft Flow spray pattern, which is non-aerated, and sufficient for hand washing.
 All of the Faucet Flow Control models arrest the discharge velocity of the fluid stream and distribute the stream mass over a sufficient area to prevent undesirable noise generation. Noise will not exceed 20 Dba at a supply pressure of 50 PSI.
 All Units are self-cleaning. Faucet Flow Control models are available in 0.5, 1.0, 1.5, 2.0 and 2.5 GPM flow rates.

MATERIAL

The housing is brass alloy #360, buffed and nickel-chrome plated per ASTM B456-SC-2. All threads conform to industry standards for plumbing and piping applications: 15/16-27NS-2A and 55/64-27NS-2B.
 The perforated plates are 70/30 brass alloy sheet per ASTM-B-36-61, 0.016 thick with perforations per manufacturer. Flow control plate is nickel barrel plated 0.0002 thick.
 Screens are series 300 stainless steel, 40 mesh.
 The cartridge housing is brass alloy 360 nickel barrel plated 0.0002 thick, semibright finish

MODEL NUMBER SELECTION

A - 4 10 - 2.50 - LF

Flow Type	Flow Control Series	Thread Type	Flow Rate	Lead Free
A - Laminar L - Low Flow (0.5GPM)	4 - 400 Series	00 - Male 10 - Female 12 - Dual	0.5 - 0.50 GPM Soft Flow or Rosetta 1.0 - 1.0 GPM 1.5 - 1.5 GPM 2.0 - 2.0 GPM 2.5 - 2.5 GPM	LF - Lead Free

For non-standard thread sizes, please contact manufacturer