

Data Sheet

Oil Nozzle Anti-Drip Valve (EcoValve)

Application

Hago's EcoValve has been designed inside a nozzle strainer of standard dimensions. It provides a sharp cut-off of flow without creating any significant pressure drop. No changes to pump pressure and no re-piping necessary. Simply unscrew the regular strainer and mount the EcoValve in its place. That is all there is to it! The EcoValve will not change or disrupt the flow rate, spray angle or spray pattern of the nozzle in any way within normal operating conditions. The EcoValve will reduce emissions during start-up and shut down when the pump is not at full pressure.

Application and Features

- Any residential or commercial installations where afterdrip is a problem or where you want to minimize unburned carbon formation.
- Every EcoValve is individually tested and calibrated to assure accurate closing set points.
- Less than 1% flow rate reduction when attached to a 3.00 gph nozzle or less.

Identification

EcoValves are marked with the following:

MC	Medium pressure (oil)
HC	High Pressure (oil)
HP	High Pressure (water)

Technical Data

Material and construction

- Brass with FPM O-ring, stainless steel strainer and FPM membrane.
- Assembly instructions enclosed in each individual EcoValve container.
- 3/8-40 UNS thread fits Hago Steel Nozzles.
- Calibration and testing done with 35SSU test oil.

Strainers

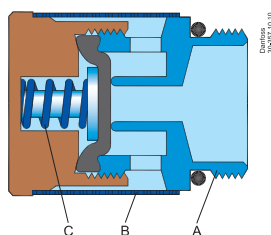
- 120 Mesh
- 200 Mesh

EcoValve model	MC	HC	HP*
Maximum opening pressure	115 psi (7.9 bar)	135 psi (9.3 bar)	300 psi (20.5 bar)
Calibrated closing pressure +/- 5 psi	70 psi (4.8 bar)	80 psi (5.5 bar)	-
Minimum closing pressure	-	-	150 psi (10.5 bar)

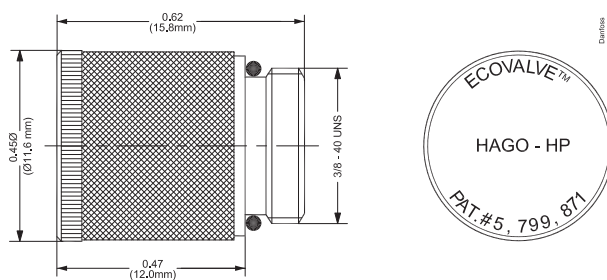
* Calibrated with water, operating parameters may differ with oil applications

Please ensure that system operating pressure is higher than the maximum opening pressure of selected EcoValve to ensure effective operation.

Design



Dimensions



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