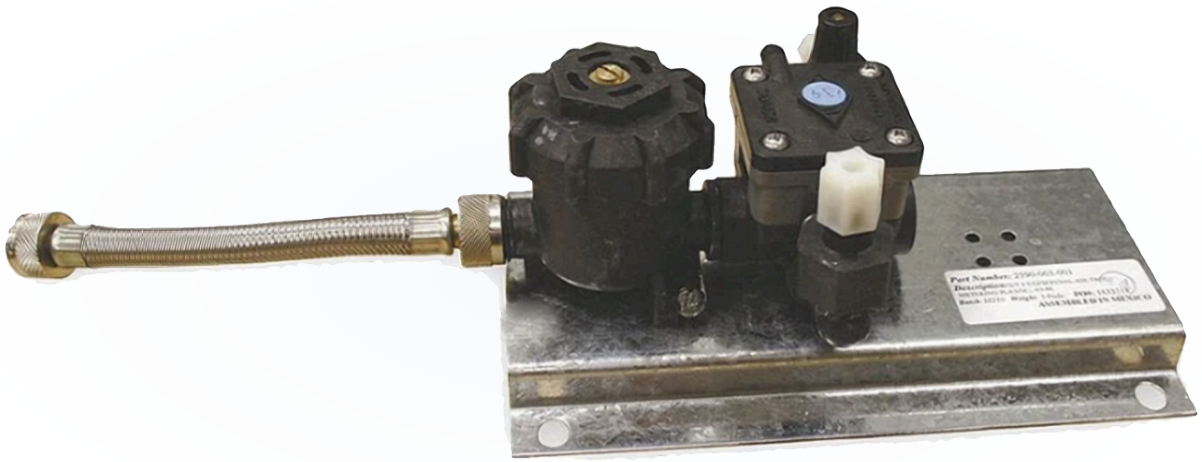
REPLACEMENT PART HAND WASH STATION

M-03 Air-Control Metering Valve

Acorn's single-temperature, pneumatic metering valve that runs the Loo's hand-wash station: press the button, get a timed flow and an automatic shut-off.



Single temp	5–60 s	0.5 GPM	Up to 10 ft
ONE SUPPLY LINE	ADJUSTABLE METERING	FLOW CONTROL INCLUDED	FROM THE PUSHBUTTON

OVERVIEW

The M-03 is the valve behind the hand-wash station on the Portland Loo V1 Classic, and it's available on the V2 XL by request. It's an Acorn Air-Control valve: pressing the pushbutton sends a pulse of atmospheric air down a small tube, and the valve opens with no electricity at all.

The metering feature runs water for a set time, adjustable from 5 to 60 seconds, then shuts off on its own. It won't hold open, which saves water and stops run-on if someone jams the button. A 0.5 GPM flow control is built in.

KEY FEATURES

01 **No power needed**
Pneumatic operation using atmospheric air. No wiring, batteries or solenoid.

02 **Metering, non-hold-open**
Adjustable 5–60 second run time, then an automatic shut-off.

03 **Remote mounting**
The valve sits up to 10 ft from the pushbutton, safely inside the utility chase.

04 **Lead free**
Meets NSF 61 Section 9 and CHSC 116875.

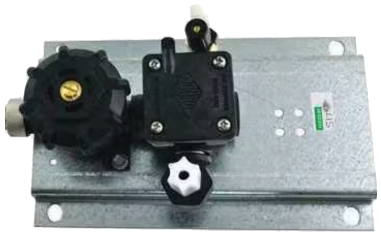
CONSTRUCTION & SPECIFICATIONS

Model	Acorn Air-Control Valve Assembly, -03 single temperature with -M metering option
Operation	Pneumatic pushbutton valve using atmospheric air; direct acting
Metering	Non-hold-open; run time adjustable from 5 to 60 seconds
Flow control	0.5 GPM, included
Pushbutton	Vandal resistant, less than 5 lb to activate; valve up to 10 ft from the button
Inlet	1/2" NPS flexible hose (1/2" NPT with the optional -BRS brass valve body)
Lead free	NSF 61, Section 9 and CHSC 116875
Pairs with	-PBH Hemispherical Pushbutton and -BPH Hemispherical Bubbler

ORDERING OPTIONS

OPTION	STANDARD	AVAILABLE ON REQUEST
Model fit	V1 Classic STD	V2 XL (the XL ships with the -04-M hot & cold valve)
Valve body	Standard Air-Control body STD	-BRS brass body
Matching parts	—	-PBH pushbutton, -BPH bubbler

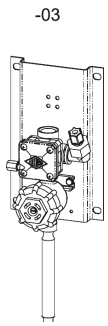
VIEWS



Valve assembly
Mounting plate, valve and air inlet



In the utility chase
Beside the hand-wash water heater



-03 assembly
Acorn drawing

KEEP A SPARE

The most common cause of failure is a cracked valve body from freezing weather. Keeping a spare on hand lets your team swap it out fast and get the hand-wash station back in service.