

01 • AUTOMATED SHUT-OFF VALVE • MOTORIZED BALL VALVE

Shut-Off Valve.

A motorized stainless-steel ball valve that works in tandem with the in-line leak sensor to instantly stop water flow when a leak is detected. Once triggered, the valve closes automatically to prevent further damage – with real-time notifications and remote control through the SafeHous App.

MODEL
ASV-1000

FORM FACTOR
In-line motorized ball valve

BODY
Stainless steel, NPT female

USE
Indoor plumbing

KEY FEATURES

§ 1.1



Replaceable Motor

Industrial-quality actuator; motor module can be serviced or swapped.



Manual Override

On-body knob lets you open or close the valve by hand at any time.



Power-Free Hold

No constant power required to hold the valve open or closed.



Smart-Ready

Becomes a smart shut-off when paired with a SafeHous Valve Controller.



Fast Actuation

Opens or closes in under 5 seconds when a leak event is triggered.

12 V DC OPERATING VOLTAGE	145 PSI MAX PRESSURE	< 5 SEC OPEN / CLOSE TIME	6 SIZES ½" - 2" NPT
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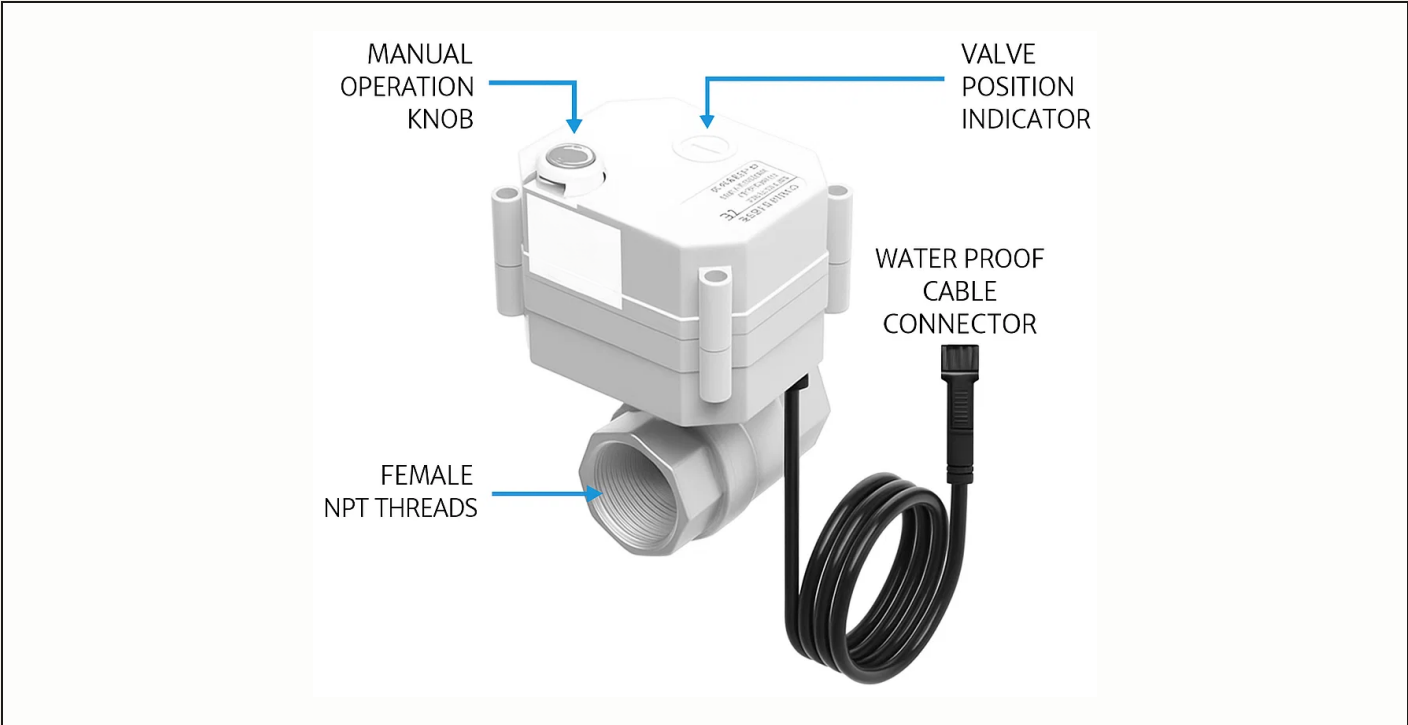


FIG. 01 • ASV-1000 – ANNOTATED MOTORIZED BALL VALVE WITH WATERPROOF CABLE CONNECTOR

NPT FEMALE ½" - 2"

Full Specifications.

Mechanical, electrical, and environmental parameters.
All values reference SafeHous internal testing under nominal operating conditions.

MECHANICAL & ELECTRICAL

§ 2.1

VOLTAGE

12 V DC

Powered via Valve Controller

THREAD

NPT Female

½" through 2" sizes

OPEN / CLOSED TIME

< 5 sec

Full-cycle actuation

ACTUATOR TORQUE

2 N·m max

Bore reduction: none

LIQUID TEMP

35.6 °F to 194 °F

2 °C to 90 °C

WORKING CURRENT

500 mA max

During actuation only

BODY MATERIAL

Stainless Steel

Industrial-grade ball valve

MAX WORKING PRESSURE

145 PSI

1.0 MPa

CABLE LENGTH

≈ 1.5 ft / 0.5 m

Waterproof connector

ENVIRONMENT TEMP

−5 °F to 140 °F

−15 °C to 60 °C

DIMENSIONS BY PIPE SIZE

§ 2.2

ASPECT	½"	¾"	1"	1 ¼"	1 ½"	2"
A	2.13"	2.13"	2.13"	2.13"	1 ½"	2.98"
B	1.65"	1.65"	1.65"	1.65"	2 ½"	3.10"
C	2.80"	2.91"	2.93"	3.07"	5.00"	4.80"
D	0.63"	0.74"	0.86"	0.98"	1.00"	6.02"
E	3.43"	3.66"	3.86"	4.06"	6.00"	6.02"
F	0.98"	1.22"	1.50"	1.81"	2 ¼"	2.40"

Connectivity

§ 2.3

- SafeHous Valve Controller

REQUIRED
- Triggered by leak sensor

AUTO-CLOSE
- SafeHous App

IOS • ANDROID
- Remote open / close

APP CONTROL
- Real-time alerts

PUSH NOTIF.
- Manual override knob

ON-BODY

Compliance & Build

§ 2.4

- SS

BODY
- NPT

FEMALE
- IP

CABLE
- Indoor plumbing use

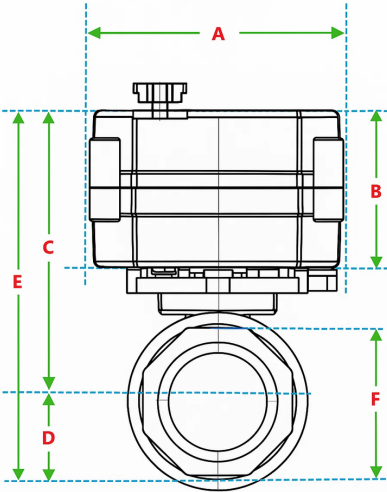
PERM FR.
- No bore reduction

FULL FLOW
- Power-free hold

OPEN / CLOSED

Dimensions Key

§ 2.5



A-F REFERENCE • SEE TABLE § 2.2

WHAT'S INCLUDED

§ 2.6

01
Automated Shut-Off Valve
ASV-1000 main unit

02
Mounting Hook
w/ 3M™ adhesive tape

03
Connector Cable
= 1.5 ft / 0.5 m

04
Quick Start Guide
Printed user manual