

# SOLUTIONS: CONTROLLED ENVIRONMENTAL AGRICULTURE (CEA)

## ASAHI/AMERICA IN THE CEA MARKET

Asahi/America provides thermoplastics valve and piping solutions for the controlled environmental agriculture (CEA) market, including solutions for hydroponics, aquaculture, greenhouse, and field agricultural applications and indoor cannabis cultivation. Within the CEA sector, Asahi/America specializes in the following:

- Valve, piping, and actuation for fertigation systems utilizing batch or injection
- Fabrication of piping for distribution manifolds
- Specialty manifolds for custom dosing
- Raw and sweetwater transport
- Valves, piping, and automation for dosing walls
- Specialty flow control ball valves
- Three way valves for fill and drain

## ASAHI/AMERICA VALUE PROPOSITION

- Custom fabrication & design assistance
- Concept to completion complete support
- Industry-leading 3-year warranty on valve & actuation products

## ADVANTAGES OF THERMOPLASTICS

- Lightweight and easy to install
- Corrosion resistant to salts and acids
- Low cost of ownership compared to 316 stainless steel material costs that tend to vary based on market factors
- More durable than standard PVC or PE100 tubing

## ASAHI/AMERICA PRODUCT APPLICATIONS





## Series 19 Smart & Compact Electric Actuators

- On/off, modulating, failsafe and modulating failsafe models
- NEMA 4X enclosure
- 95 to 265 VAC
- 24 VAC/VDC



## Type-23 Multiport™ Ball Valves

- 1/2" - 4"
- PVC, CPVC, PP, PVDF body materials
- Socket, threaded, butt DIN socket, IPS socket, flanged
- NSF-61 certified



## Strainer Drain

- 1/2" - 4"
- PVC body material
- EPDM, FKM seals
- Socket, threaded, flanged
- NSF-61 certified



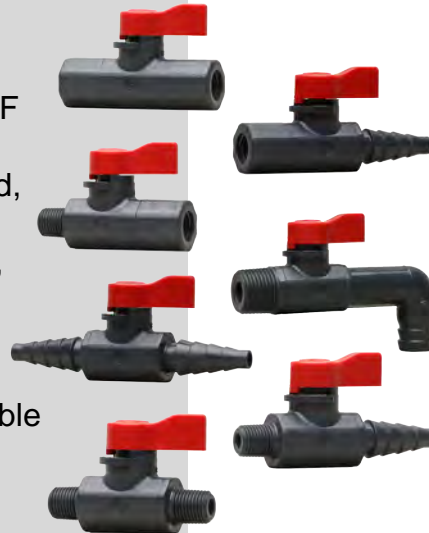
## Type-21/21a Ball Valve (with PFA Flare Ends)

- 1/2" - 4"
- PVC, CPVC, PP, PVDF body materials
- 1/2" PFA flare nut option



## Diaphragm Valves

- 1/2" - 10"
- PVC, CPVC, PP, PVDF body materials
- IPS socket or threaded, IPS or metric (DIN) socket, threaded, butt, flanged
- EPDM, 3-layer EPDM/PVDF, PTFE diaphragm also available in nitrile and FKM
- NSF-61 certified



## Labcock® Ball Valves

- 1/4"
- PVC body material
- EPDM seat & seal
- Male Thread x Hose
- Male Thread x Female Thread
- Hose x Hose / Male Thread x Male Thread
- Female Thread x Female Thread
- Male Thread x Elbow
- Female Thread x Hose



All Asahi/America valve and actuation products are backed by an industry-leading 3-year warranty.

Schedule a lunch and learn today with our experts!

