

ACORN® CONTROLS

BASyC® DIGITAL MIXING VALVE AND MONITORING SYSTEM

USED IN RESIDENTIAL, COMMERCIAL, INSTITUTIONAL,
AND INDUSTRIAL APPLICATIONS

FEATURES:

- » A digital system that provides round-the-clock monitoring and adjustment capability to a Command Station® supply fixture (see previous page)
- » Regulate up to four mixing valves and two loops with one controller (e.g. hot water for sinks and tepid water for emergency drench equipment)
- » Non-proprietary electronics interface with any building management software system
- » Sanitation override option - raise temperature to kill bacteria
- » Redundant system - in case of power outage or system failure, valves continue to function mechanically

Patent No. **9,898,017**



MODEL ABMV

MODEL ABET



Command Station® System with
BASyC® upgrade

BASyC®
by  **CONTROLS**

STANDARDS:

- » ASSE 1017 (SFMV and SFMMV Series)
- » ASSE 1071 (SFET Series)
- » ASSE 1069/1070 (SFST Series)
- » NSF/ANSI 61 (SFST Series)
- » CSA B125.3

 **MORRIS GROUP INTERNATIONAL**

WWW.MORRISGROUPINT.COM

DIGITAL MIXING VALVE AND MONITORING SYSTEM

BASyC[®]
by **ACORN CONTROLS**

The Acorn Controls[®] BASyC[®] system provides distributed regulation and monitoring of Acorn Controls[®] mixing valves and a wide variety of temperature, pressure and flow sensors for recirculated hot water systems. The BASyC[®] system is ideal for facilities that are looking to provide optimal bather safety, legionella regulation/monitoring and customized solutions.

STANDARDS

- » ASSE 1017
- » CSA B125.3
- » cUPC
- » Lead Free



Operating Overview Screen

FEATURES

Installation/Maintenance

- » Simple, 24-volt system with 115VAC outlet connection—no electrician required
- » Quick, low-cost parts replacement
- » Non-proprietary electronics system easily interfaces with any building management software system

Regulating

- » Each system can maintain up to 4 valves and 2 separate temperature loops or zones
- » Available with up to 34 inputs/outputs (16 universal inputs, 10 relay outputs, 8 analog outputs)
- » Inbuilt capacity/regulation redundancy features
- » Cost-effective customization: Reassign unused inputs and outputs to monitor, activate, or regulate third-party devices

Safety

- » Actuator/thermostatic sensor redundancy ensures temperature control during power, equipment, or other failure
- » User-programmable sanitization feature with email alert



Command Station[®] System
with BASyC upgrade



Monitoring & Reporting

- » Generate highly customizable reports
- » Accurate flow and energy data on command

Redundancy

The BASyC system provides redundancy in both electronic regulation and capacity. Powerful automation ensures that key safety and comfort-related capabilities remain active in the event of power, system, or other failure.

Trust the BASyC system to provide nonstop...

- » Outlet temperature and setpoint regulation
- » Flow to meet peak demand
- » Alarm/alert communications
- » Recirculation with an integral backup pump



STREET ADDRESS
15125 PROCTOR AVENUE
CITY OF INDUSTRY, CA 91746

MAILING ADDRESS
P.O. BOX 3527
CITY OF INDUSTRY, CA 91744

PHONE: (626) 336-4561
E-MAIL: CUSTSERV@ACORN-CONTROLS.COM
WEBSITE: ACORN-CONTROLS.COM

L1001671 | 0325