

Siemens Industry Inc., Building Technologies Division
Presentation Abstract

Valve and Actuator Basics

EAP Course ID: BAS102

Summary: The purpose of this presentation is to educate the market on the how and why of selecting valves and actuators that fit typical HVAC systems.

Target Audience: Consultants, ASHRAE

Time: 1 hr

CEU/PDH/USGBC: AIA/CES approved 1.0 LU which is 1.0 hour of General Learning Unit (conversion to CEU or PDH varies by state)

Materials: Slide Presentation, Demo case of valve cut aways

Description:

- Be able to size and select a control valve assembly for chilled/hot water applications.
- Understand the importance of piping geometry when selecting ball and butterfly valves.
- Understand why an Equal Percentage flow characteristic is desirable in a control valve.
- Understand the importance of close-off ratings and valve trim.

