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HVAC

ENERGY MANAGEMENT SYSTEM

SIEMENS



Designed specifically to meet the energy management needs of restaurants, medical offices, retail shops and other small commercial businesses, EcoView is a feature rich wireless EMS that provides a rapid payback through reduced energy bills. EcoView is a truly scalable and predictable solution for a sector where managing rising energy costs can have a significant impact on narrow profit margins. In fact, Siemens EcoView has proven effective in being able to reduce total energy costs by up to 18% in small commercial facilities.



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GRD

GRILLES, REGISTERS, DIFFUSERS







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VALVES AND ACTUATORS







Damper Actuators are designed for use in a wide variety of HVAC damper applications. With our comprehensive torque range, vast selection, and the ability to direct mount or mount on standard damper shafts or jackshafts, solutions are available for fire and smoke actuator dampers, control dampers, air handlers, economizer units, VAV terminal units, fan coil units, fan shutters, and unit ventilators.



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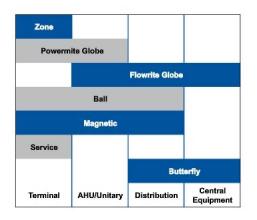
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VALVES AND ACTUATORS

SIEMENS



Valve Selection Matrix by Application

Application	Controlled Medium	Valve Size	Type of Valve
Baseboard/Fan Coil/Radiant Heat	Water	1/2 to 1"	Zone
Baseboard/Terminal Unit	Water	1/2 to 1"	Powermite MZ Series
Terminal Unit	Water and Low Pressure steam ¹	1/2 to 1"	Powermite MT Series
Unitary/Fan Coil	Water and Low Pressure steam¹	1/2 to 1"	Powermite MT Series
Unitary/Fan Coil	Water (Equal Percentage) and High Pressure steam (Linear)	1/2 to 2"	Flowrite Globe
Air Handling Unit	Water (Equal Percentage) and High Pressure steam (Linear)	1/2 to 2"	Flowrite Globe
Central Plant	Water (Equal Percentage) and High Pressure steam (Linear)	2-1/2 to 6"	Flowrite Globe
Fan Coil/VAV/Isolation and Control/AHU	Water	1/2 to 2"	Ball
High performance Control and Domestic Water	Water (including Domestic), Low Pressure Steam and High Pressure Steam	1/2 to 4"	Magnetic
Baseboard/Terminal Unit/Radiant (Replacement)	Water and Low Pressure Steam	1/2 to 1-1/4"	Service
Central Plant Isolation and Distribution	Water	2 to 20"	Butterfly

Table Note:

1. Low pressure steam = 15 psi or less



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VARIABLE FREQUENCY DRIVES



FEATURES

- Built in SBT P1 and JCI N2 (Metasys) building automation system protocols for easy network integration
- LON, Modbus RTU and BACnet MS/TP Interfaces optional
- Low harmonics design reduces nice and interference; eliminates need for filters/reactors in most installations
- Built in PID for fast and accurate pressure control
- Pump staging for open loop, constant pressure, and constant flow-type applications
- Multi-level program access
- Belt failure detection with or without an external sensor
- Service mode for applications requiring continuous, uninterruptible operation
- Accepts a wide variety of digital and analog I/O types, including direct Siemens Ni 1000 RTD sensor level inputs
- One common interface throughout all power ranges
- · Optional Advanced Operator Panel for uploading/downloading parameters
- Full form C relay contacts for digital outputs



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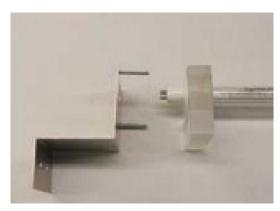
HVAC

HVAC

UV LIGHTS

USES ULTRA-VIOLET GERMICIDIAL LIGHT, FILTRATION AND A PATENTED PHOTO-CATALYTIC PROCESS TO DISINFECT MOLD, BACTERIA, INFECTIOUS DISEASE AND DECREASE





PART NUMBER	SIZE
2414	14"