

POWERS

A WATTS INDUSTRIES CO.

PRODUCT SPECIFICATION

Cabinet Supply Fixture HiLo
Series e430/e420 Hydroguard

HI/LO CABINET SUPPLY FIXTURE SPECIFICATIONS

Powers Series e430/e420 Hydroguard Master Supply Fixture consists of...

- Powers Series 430 Thermostatic Mixing Valve
- Powers Series 420 Thermostatic Mixing Valve
- Pressure reducing valve
- Pressure gage(s)
- Ball valve(s) for volume control and 90° shut-off
- Dial thermometer
- Fittings, nipples ('hospital threads'), and wall flanges
- Two-piece recessed cabinet

FUNCTIONS AND APPLICATIONS

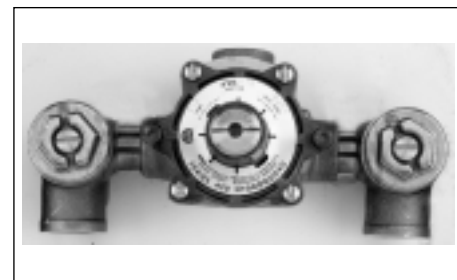
Supply fixtures are pre-engineered for protected access to water tempering controls, supply water requirements varying from 3-125 gpm and easy installation. 432HL can provide from 3-50 gpm using the 432/420 valve combination; 434HL can provide 4-80 gpm using the 433/428 valve combination; 434HL can provide 7.5-125 gpm using the 434/428 valve combination. Each unit comes complete with two (2) Hydroguard thermostatic mixers, pressure reducing valve, pressure gage(s), union inlet strainer checkstops, dial thermometer, volume control and shut-off valve(s), and interconnecting piping. Cabinets are for recessed installation and are made of stainless steel or durable white baked enamel steel.

SERIES 430 HYDROGUARD SPECIFICATIONS

- Advanced thermal actuator senses and adjusts the outlet water temperature
- Dirt and lime resistant poppet and seat design
- Union inlets allow a variety of piping schemes and easy maintenance
- Heavy triple-duty combination strainer checkstops included with valve
- Self-aligning trim and seats prevent binding
- Tamper resistant temperature adjustment control

SERIES 420 HYDROGUARD SPECIFICATIONS

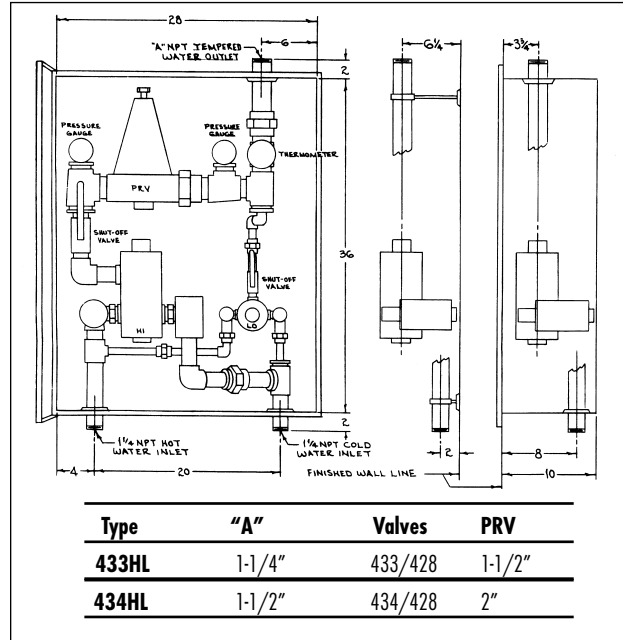
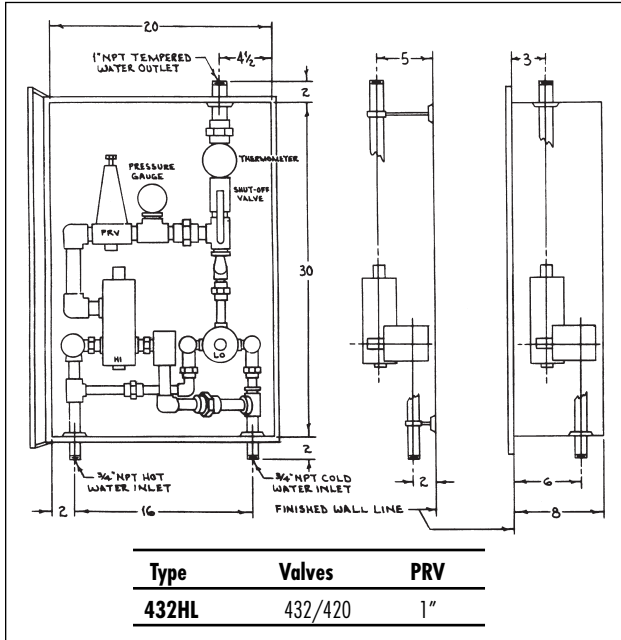
- Advanced thermal actuator senses and adjusts the outlet water temperature
- Dirt and lime resistant
- Virtual shut-off if either supply pressure fails



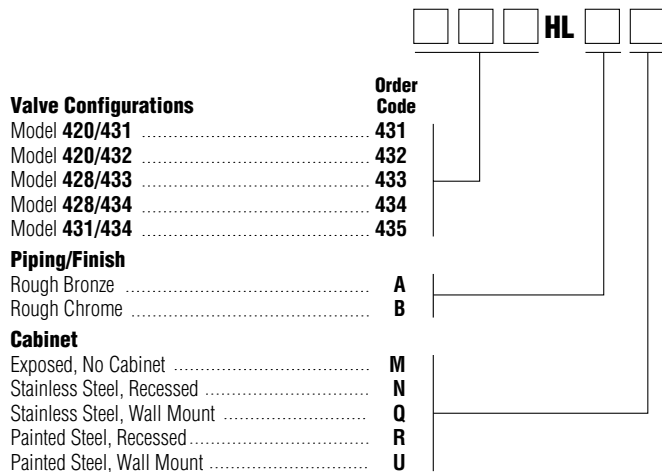
CAPACITY CHART

Model	Inlets	Outlets	Pressure Drop Across Valves (psi) - Flow Rate (gpm)						
			5	10	20	30	45	60	75
420	1/2"	1/2"	1.5	2.25	3.5	4.5	5.25	6.5	7.5
428	1/2"	1/2"	4	7	10	13	15	17	19
432	3/4"	1"	15	20	30	36	45	52	58
433	1-1/4"	1-1/4"	24	35	51	64	80	93	105
434	1-1/4"	1-1/2"	40	55	82	101	125	146	165

* With 140°F (60°C) hot inlet, 60°F (16°C) cold inlet, 100°F (38°C).



HOW TO ORDER...



POWERS
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