HEAT-TIMER CORPORATION

STAINLESS 2-WAY MOTORIZED VALVE

CONFORMS TO THE FOLLOWING

California Lead Free Plumbing Law
CSA B 125.3 (NSF/ANSI 61 Section 8)

APPLICATIONS

- Motorized High Temp Limit Valve (HTLV) for ETV Platinum Plus installations
- Boiler and system isolation valves
- Control valve for multiple Water Heater installations

VALVE OPERATION

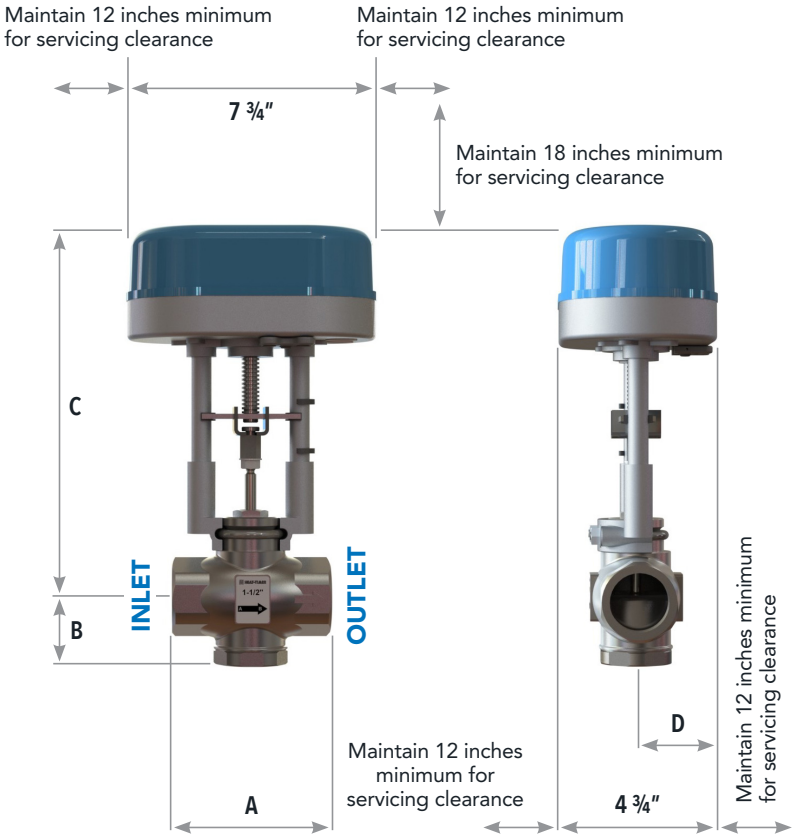
- Electric actuated valve—power to OPEN and power to CLOSE
- Optional Loss of Power capacitor—powers valve CLOSE on a loss of power (2 ½" Valve and smaller)
- Optional battery backup—powers valve CLOSE on a loss of power (3 inch valve only)

VALVE/ACTUATOR FEATURES

- Lead free—AISI 304 stainless valve body (2 ½" valve and smaller)
- Lead free—AISI 316 stainless valve body (3 inch valve only)
- 7 valve sizes—3/4" to 3" NPT
- Valve designed to minimizes scale buildup
- External mounted actuator for ease of service
- Manual valve position for optional override function

20 New Dutch Lane, Fairfield, NJ 07004 | Phone: 973-575-4004 | Fax: 973-575-4052 | heat-timer.com

DIMENSIONAL—2 ½" VALVE AND SMALLER

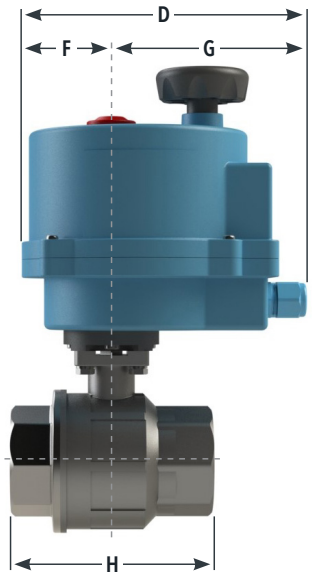


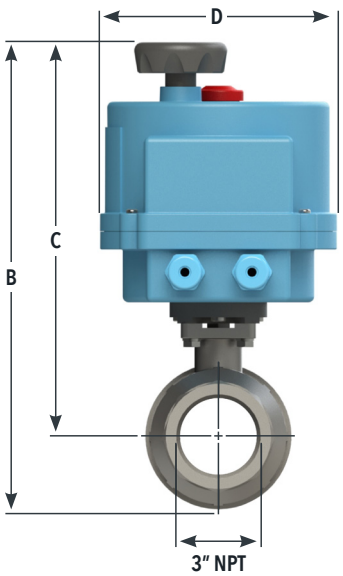
ETV ASSEMBLY	DIMENSION				WEIGHT
	A	B	C	D	
¾"	3 ⅛"	1 ½"	10 ⅞"	2 ⅜"	6.00 lbs.
1"	4"	1 ¾"	11"	2 ⅜"	6.75 lbs.
1 ¼"	4"	1 ⅞"	11"	2 ⅜"	7.25 lbs.
1 ½"	4 ¾"	2"	11 ¼"	2 ⅜"	8.25 lbs.
2"	5 ½"	2 ½"	11 ½"	2 ⅜"	10.50 lbs.
2 ½"	6 ¼"	3"	11 ⅞"	2 ⅜"	13.75 lbs.

ETV ASSEMBLY	VALVE CONNECTIONS–NPSC	
	INLET	OUTLET
¾"	¾"	¾"
1"	1"	1"
1 ¼"	1 ¼"	1 ¼"
1 ½"	1 ½"	1 ½"
2"	2"	2"
2 ½"	2 ½"	2 ½"

DIMENSIONAL—3" VALVE

VALVE SIZE	B	C	D	E	F	G	H	WEIGHT
3"	16.51	13.77	8.31	9.33	3.31	6.02	7.01	30.00 lbs.





PART NUMBERS

MODELS	DESCRIPTION						
	¾"	1"	1 ¼"	1 ½"	2"	2 ½"	3"
STANDARD VALVE	920571-00	920572-00	920573-00	920574-00	920575-00	920576-00	920547-00
POWER LOSS CLOSE	920581-00	920582-00	920583-00	920584-00	920585-00	920586-00	920557-00

NOTE: All valve assemblies (includes valve body, actuator and 24VAC transformer.

SPECIFICATIONS—2 ½" VALVE AND SMALLER

ACTUATOR

Voltage Input 24 VAC 60 Hz
Power Consumption 18 VA maximum
Max Torque 740 ft/lbs (1,000 N)

VALVE BODY

Body & Trim 304 Stainless
Maximum Operating Temperature 300°F / 149°C
Maximum Working Pressure 225 PSI
Stem Material 640 Stainless

SPECIFICATIONS—3" VALVE

ACTUATOR

Voltage Input 24 VAC 60 Hz
Power Consumption 17 VA maximum
Max Torque 975 in-lbs

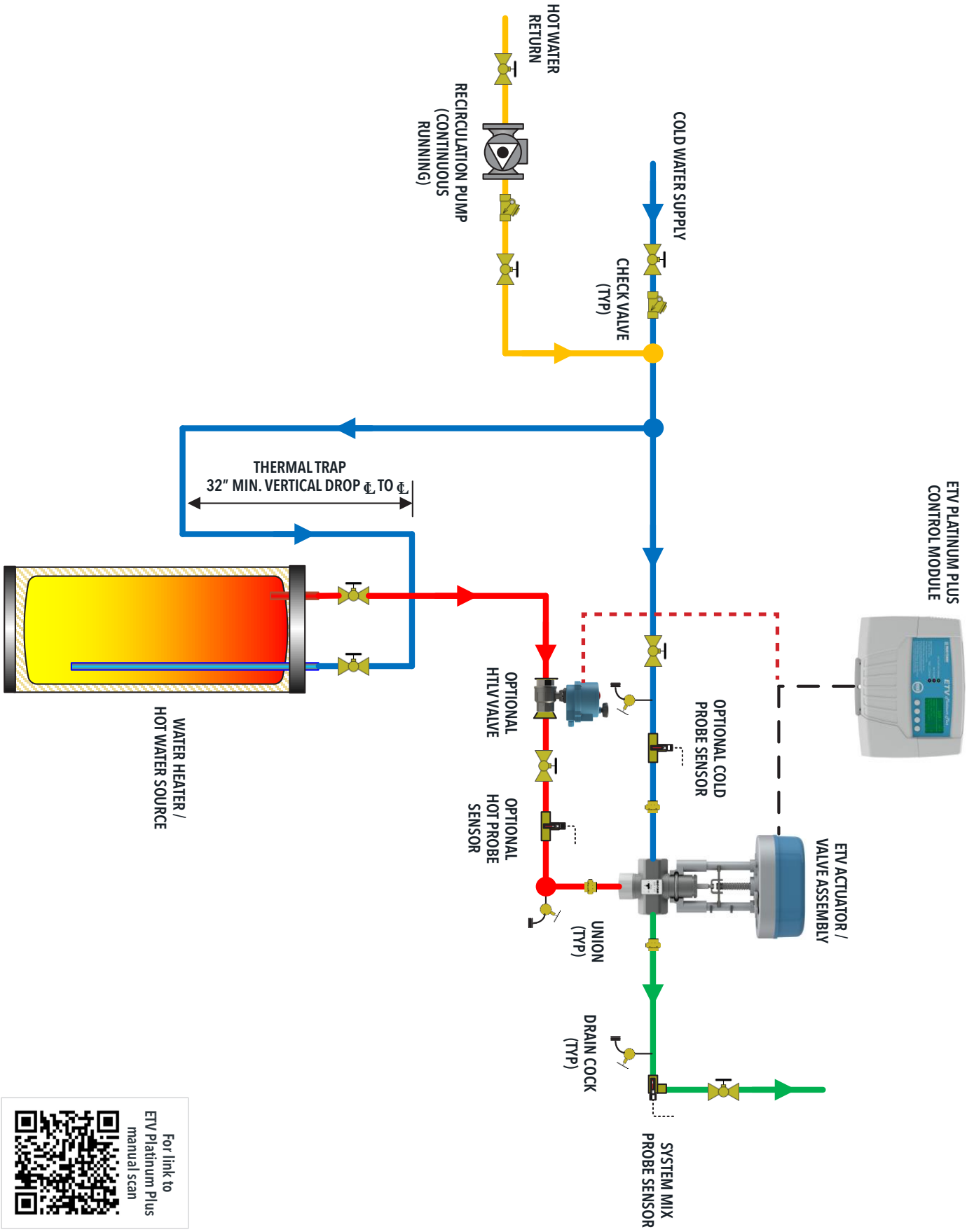
VALVE BODY

Body & Trim 316 Stainless
Maximum Operating Temperature 366°F / 186°C
Maximum Working Pressure 1000 PSI
Stem Material 316 Stainless

VALVE FLOW SPECIFICATIONS

PRESSURE DROP	DESCRIPTION						
	¾"	1"	1 ¼"	1 ½"	2"	2 ½"	3"
CV/1 PSI	7	12	18	29	46	73	1009
3 PSI	12	20	32	50	80	126	1748
5 PSI	16	26	41	64	103	162	2256
7 PSI	20	31	50	78	125	192	2670
10 PSI	23	36	58	91	145	230	3191
	FLOW RATE–GPM						

PIPING



For link to ETV Platinum Plus manual scan