



ETV Platinum Plus – Specifications

ETV Platinum PLUS Control Module

Voltage Input: _____ 120 VAC 60 Hz
 Maximum Input Rating: _____ 48 VA max
 Display: _____ Graphic Display
 Display/Temperature Units: _____ °F and °C
 Modes of Operation: _____ ETV, TMC, ETV+TMC Combo
 ETV Set Point: _____ 40°F / 4°C to 200°F / 93°C
 Alarm Set Point: _____ 40°F / 4°C to 200°F / 93°C
 Modulation Output Signal: _____ 0–10V, 2–10V, 0–5V, 1–5V, 4–20mA
 LED Indicators: _____ 3 (Actuator Signal, No Flow, Alarm Status)
 Inputs: _____ Sensors (Hot, Cold, Mixed), Flow Prove, EMS 4–20mA
 Dimensions: _____ 11"W x 9"H x 3 3/4"D
 Weight: _____ 2.5 lbs.

ETV Platinum PLUS Actuator

Voltage Input: _____ 24 VAC 60 Hz
 Power Consumption: _____ 18 VA maximum
 Input Signal: _____ 0–10 V
 Weight: _____ 2.6 lbs.

ETV Platinum PLUS Valve Body

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



ETV Platinum Plus – Sizing

ETV Platinum PLUS Stainless Steel Valve

Pressure Drop psi	Valve Size						
	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"
Cv	5	7	12	18	29	46	73
3	8	12	20	32	50	80	126
4	9	15	23	37	58	93	145
5	10	16	26	41	64	103	162
6	12	18	28	45	71	113	178
7	13	20	31	50	78	125	192
8	14	21	33	53	83	132	205
9	15	22	35	56	88	140	218
10	16	23	36	58	91	145	230
11	17	24	38	62	97	154	241
12	18	25	40	64	100	160	252

Gallons Per Minute

ETV Platinum PLUS Safety Valve

Pressure Drop	Description					
	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Cv/1 psi	15	35	60	90	125	240
2 psi	21	50	85	127	177	339
3 psi	26	61	104	156	217	416
4 psi	30	70	120	180	250	480
5 psi	34	78	134	201	280	537

Flow Rate – GPM

Sizing Recommendation: Heat Timer recommends sizing the stainless valve with a design flow as close as possible to a 5 psi pressure drop. When selecting a Safety Valve it is recommended to use no greater than a 3 psi pressure drop.



ETV Platinum Plus – Part Numbers

Valve Size	Part Numbers					
	Complete Assembly	Valve/Actuator Transformer	TMC Motorized Valve	Complete Assembly BACnet Option	Complete Assembly ModBus Option	Complete Assembly RINET Option
1/2"	915670-00	915640-00	920540-00	915670-BAC	915670-BUS	915670-RINET
3/4"	915671-00	915641-00	920541-00	915671-BAC	915671-BUS	915671-RINET
1"	915672-00	915642-00	920542-00	915672-BAC	915672-BUS	915672-RINET
1 1/4"	915673-00	915643-00	920543-00	915673-BAC	915673-BUS	915673-RINET
1 1/2"	915674-00	915644-00	920544-00	915674-BAC	915674-BUS	915674-RINET
2"	915675-00	915645-00	920545-00	915675-BAC	915675-BUS	915675-RINET
2 1/2"	915676-00	915646-00	920546-00	915676-BAC	915676-BUS	915676-RINET

Complete Assembly includes sensors, stainless valve, actuator and control module.

Valve/Actuator for multiple valve applications.