

# HCI Terminator B

INTEGRATED VENTURI METERING STATION/  
LUGGED TYPE BUTTERFLY/ SHUTOFF VALVE WITH  
POSITIONING HANDLE/PT PORTS/LOCATION TAG

MECHANICAL  
SPECIFICATIONS



The **Terminator B** by **HCI**, combines the features of the **Terminator BFV** with the **Terminator MS** providing a metering station and lugged type butterfly/shutoff valve into a single component. The metering stations combine rangeability with lower permanent pressure loss. A versatile differential pressure device capable of extreme pressure and/or temperature limits, yet maintaining highly accurate readings +or- 1% with the lowest permanent pressure loss.

The lugged type butterfly/shutoff valves meet the highest standards of performance. These valves are designed and tested in accordance with MSS SP-67 and API 609 & 598. Rigid adherence to tight quality control standards insure that all valves make the grade even in the most demanding services. These valves are the perfect compliment to the incredibly high standard set forth by all the other **Terminator System** components.

## Pressure/ Temperature Ratings:

2-1/2"-12": 200 PSI WOG Non - Shock  
All Sizes: 225 Deg. F. Maximum

## Optional Accessories:

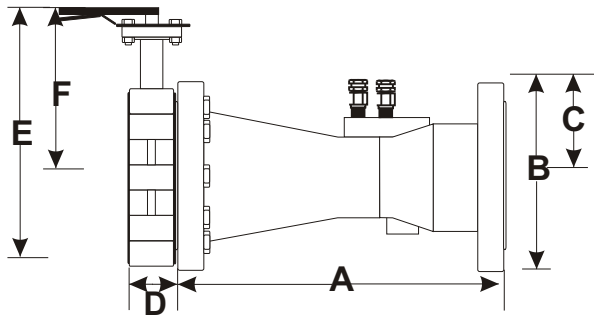
- Air Vent, Drain Valve 2-1/2"-8" Only - Shrader Valves  
- Pressure/Temperature Port Extension - Gear Operator

## Dimensional Information & Material Specifications:

Model #	Size	A	B	C	D	E	F
TB-GLF	2-1/2"	11.70	7.00	3.50	1.87	11.65	8.15
TB-HLF	3"	12.00	7.50	3.75	1.93	12.13	8.39
TB-ILF	4"	12.60	9.00	4.50	2.15	13.62	9.13
TB-JLF	6"	13.73	11.00	5.50	2.31	15.63	10.16
TB-KLF	8"	16.54	13.50	6.75	2.50	18.90	12.01
TB-LLF	10"	15.00	16.00	8.00	2.76	21.26	13.27
TB-MLF	12"	21.37	19.00	9.50	3.15	24.57	15.04

\*5 straight pipe diameters are required upstream of **Terminator MS**

\*2-1/2 straight pipe diameters are required downstream of **Terminator MS**



<b>MS MODEL</b> Valve Body:	Carbon Steel
Flanges:	Carbon Steel 150lb class / 125#LW
Throat:	Carbon Steel
<b>BFV MODEL</b> Valve Body:	Cast Iron ASTM A126 CLB
Stem:	Stainless Steel 416
Seat:	EPDM
Disc:	Stainless Steel 316
Bearings:	EPDM

← Direction of Flow ←

\*If proper up & downstream piping is not available please consider our flow conditioner & straightening vanes to reduce required up & downstream piping. For Venturi or Pitot tube applications up to 120.0 inch sizes please contact our technical & sales office.

## Typical Specifications:

Furnish and install where indicated on plans **Terminator B** terminal unit metering station/ butterfly/shutoff valve as provided by **Hydronic Components, Inc.** Metering stations shall be rated for 600 PSI WOG service, at 326 Deg. F. Maximum. The bodies shall be carbon steel 150 LB class/125#LW, high-signal, low-loss venturi with an accuracy of +or- 1%. Butterfly/shutoff valves shall be rated for 200 PSI WOG service. Valves shall be cast iron with 416 stainless steel shaft and 316 stainless steel disk, conforming to both ANSI B16.5 150LB and B16.1 125LB classes.

JOB: \_\_\_\_\_ ENGINEER: \_\_\_\_\_  
REP: \_\_\_\_\_ CONTRACTOR: \_\_\_\_\_

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