

# HCI Terminator B

INTEGRATED MANUAL BALANCING  
VALVE/ UNION

MECHANICAL  
SPECIFICATIONS



The **Terminator B** by **HCI** combines the features of an isolation valve, union, and pressure/temperature readout ports, along with the added value of a low-loss, high-signal venturi readout device into a single unit. The addition of the venturi makes this product perfect for readout and setting flow of individual circuits accurate to +/- 2%. Also, the forged brass body of the **Terminator B** is favored by engineers because it insures reliable, leak-free performance.

The **Terminator B** greatly simplifies the contractor's job by eliminating up to ten piping connections, thus saving time, money, and potential leak points. Finally, the **Terminator B** is available with FPT, MPT, or SWT, single and double nominal size reducer tailpiece connections making tough piping jobs a snap.

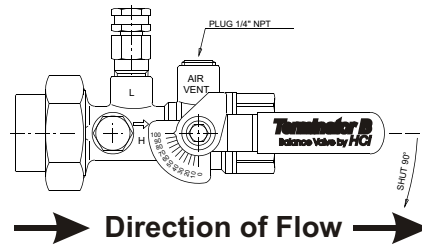
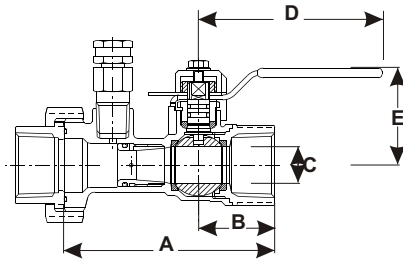
## Pressure/ Temperature Ratings:

1/2" - 2": 400 PSI WOG Non - Shock  
All Sizes: 300 Deg. F. Maximum

## Optional Accessories:

- TX-series Handle Extension (Not compatible with memory stop)
- Air Vent - Schrader - PT/Port Cap Retainers
- PT/Port Accessory/Extension - Flexible Hose Connectors

## Dimensional Information & Material Specifications:



Model #	Size	A	B	C	D	E
TB-AFF	1/2"	3.39	1.22	0.59	2.95	1.57
TB-BFF	3/4"	3.39	1.23	0.59	2.95	1.57
TB-CFF	1"	3.91	1.53	0.79	3.74	1.93
TB-DFF	1-1/4"	4.65	1.69	0.98	4.72	2.44
TB-EFF	1-1/2"	5.04	1.83	1.26	4.72	2.64
TB-FFF	2"	5.83	2.05	1.58	5.91	3.29

**Note:** The Cv factor varies by venturi. Please refer to Pressure Drop Diagram for flow information. Straight sections of piping upstream and downstream are not required for proper operation.

Valve Body:	Hot Forged Brass
Ball:	Chrome Plated/Hot Forged Brass
Stem:	Extruded Brass
Union:	Hot Forged Brass
Tailpiece:	Hot Forged Brass
Readout Port Body & Cap:	Extruded Brass
Gland Nut:	Extruded Brass
Lever Handle:	Dacromet Coated Steel w/PVC Grip
Lever Nut:	Dacromet Coated Steel
Seats & Packing:	Virgin PTFE
O-Rings:	Viton
Readout Port Seal:	Nordel
Venturi:	Extruded Brass
Memory Stop:	Hot Forged Brass

## Connection Availability:

Body End:	Female NPT	1/2" thru 2"
	Copper SWT	1/2" thru 2"
Tailpiece End:	Female NPT	1/2" thru 2"
	Male NPT	1/2" thru 2"
Tailpiece End W/ Single Reduction:	Copper SWT	1/2" thru 2"
	Female NPT	3/4" thru 2"
Tailpiece End W/ Double Reduction:	Male NPT	3/4" thru 2"
	Copper SWT	3/4" thru 2"
Tailpiece End W/ Single Reduction:	Female NPT	1" thru 2"
	Male NPT	1" thru 2"
Tailpiece End W/ Double Reduction:	Copper SWT	1" thru 2"

## Typical Specifications:

Furnish and install where indicated on plans **Terminator B** integrated terminal unit balance valves as provided by **Hydronic Components, Inc.** Valves shall be rated for 400 PSI WOG service. Valves shall be provided complete with high-signal, low-loss venturi integrated into a forged brass body isolation valve with union, chrome plated ball, repackable blowout-proof triple seal stem, O-ring type union, differential pressure/temperature readout ports and memory stop. Balance valve shall also feature an integral air vent tapping.

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

**HCI** innovative hydronic components and accessories for the HVAC industry.  
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