

# HCi Terminator B Press

INTEGRATED MANUAL BALANCING  
VALVE/ UNION

MECHANICAL  
SPECIFICATIONS



The **Terminator B Press** 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 Press** is favored by engineers because it insures reliable, leak-free performance.

The **Terminator B Press** greatly simplifies the contractor's job by eliminating up to ten piping connections, thus saving time, money, and potential leak points. The **Terminator B Press** is designed for direct mechanical connection to ASTM B88-Type, K, L and M copper tubing in the hard drawn condition.

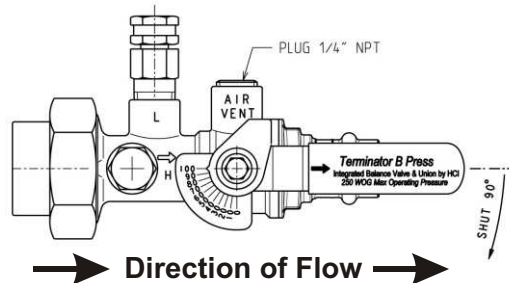
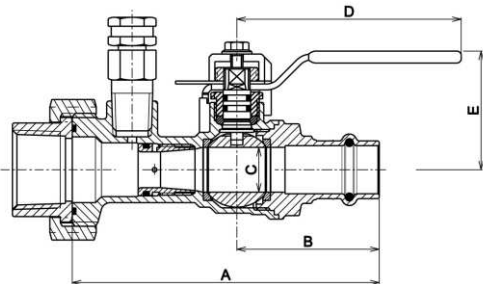
## Pressure/ Temperature Ratings:

250 WOG Max. Operating Pressure Non - Shock  
400 WOG Design Pressure Non - Shock  
All Sizes: 203 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-APC	1/2"	4.03	1.87	0.59	2.95	1.57
TB-APF	1/2"	4.03	1.87	0.59	2.95	1.57
TB-BPC	3/4"	4.09	1.92	0.59	2.95	1.57
TB-BPF	3/4"	4.09	1.92	0.59	2.95	1.57

## 1" - 2" Terminator B Press available FNPT body with MIP x Press Adapter

**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
Press Body Connection:	DZR Brass - CuZu36Pb2As
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
Press -O Rings:	EPDM
Readout Port Seal:	Nordel
Venturi:	Extruded Brass
Memory Stop:	Hot Forged Brass

## Connection Availability:

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

## Typical Specifications:

Furnish and install where indicated on plans **Terminator B Press** integrated terminal unit balance valves as provided by **Hydronic Components, Inc.** Valves shall be rated for 250 PSI WOG service. Valves shall be provided complete with high-signal, low-loss venturi integrated into a forged brass body isolation valve with union & press fit end connection, 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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