ULTRA-ZONE®
Zone Control System

CLBD
Constant Load By-Pass Damper

By-Pass, Done Right!

A fast and easy, economical way to manage system static pressure in a zoned HVAC system

- Easy Static pressure adjustment
- A unique magnetic latch allows the CLBD to be installed in any position
- Minimizes by-pass volume
- Controls static pressure to a Precise set point
- An effective solution for Constant or
- Variable speed zoned systems
- Decrease or Increase force on the blade for desired static set point
- ACCA Manual Zr compliant

Excellence Without Compromise

EWC® CONTROLS INC.

EWC Controls HVAC established in 1988.

Proudly Manufacturing in the USA for over 56 Years

ULTRA-ZONE®

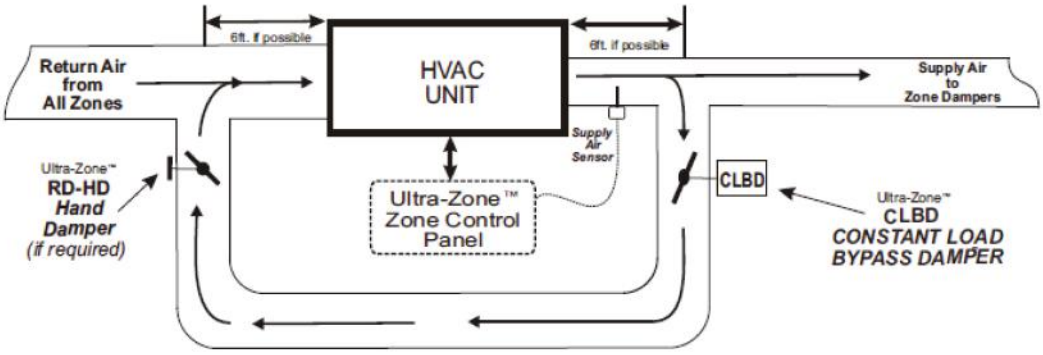
CLBD
Constant Load By-Pass Damper

The Ultra-Zone Constant Load By-Pass Damper (CLBD) is an economical way to manage HVAC supply static pressure, in a zoned application. As individual zone dampers open and close, the HVAC system static pressure will fluctuate. In order to maintain the desired static pressure the CLBD will open to maintain the static set point.

The CLBD is a revolutionary design that eliminates the guess work in setting a manual by-pass damper. The CLBD will allow the installer to set the desired supply static pressure of the damper with a simple turn of a setscrew. The damper is adjustable from .4" WC up to .8" WC. By turning the setscrew the installer can increase or decrease the desired static pressure. The static pressure viewing window will show the installer the adjusted set point.

Model #	Size	CFM
8 CLBD	8"	400
10 CLBD	10"	700
12 CLBD	12"	1100
14 CLBD	14"	1700
16 CLBD	16"	2200

During operation, the blade indicator window will show the installer the operation and the blade position of the CLBD. The simple installation and set up allows the damper to be installed in any position located in the by-pass ductwork. The CLBD comes fully assembled and ready to install right out of the box.



Note: This Drawing of the Bypass Damper, Balancing Hand Damper, and Related duct work is intended to serve only as a guide. Your actual duct work layout and components may differ. Use the graphic as a guide when planning or designing a Zone system regardless of Equipment type, Duct layout and Airflow configuration.

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EWC® CONTROLS INC.

Engineering assistance only a phone call away

ULTRA-ZONE®
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