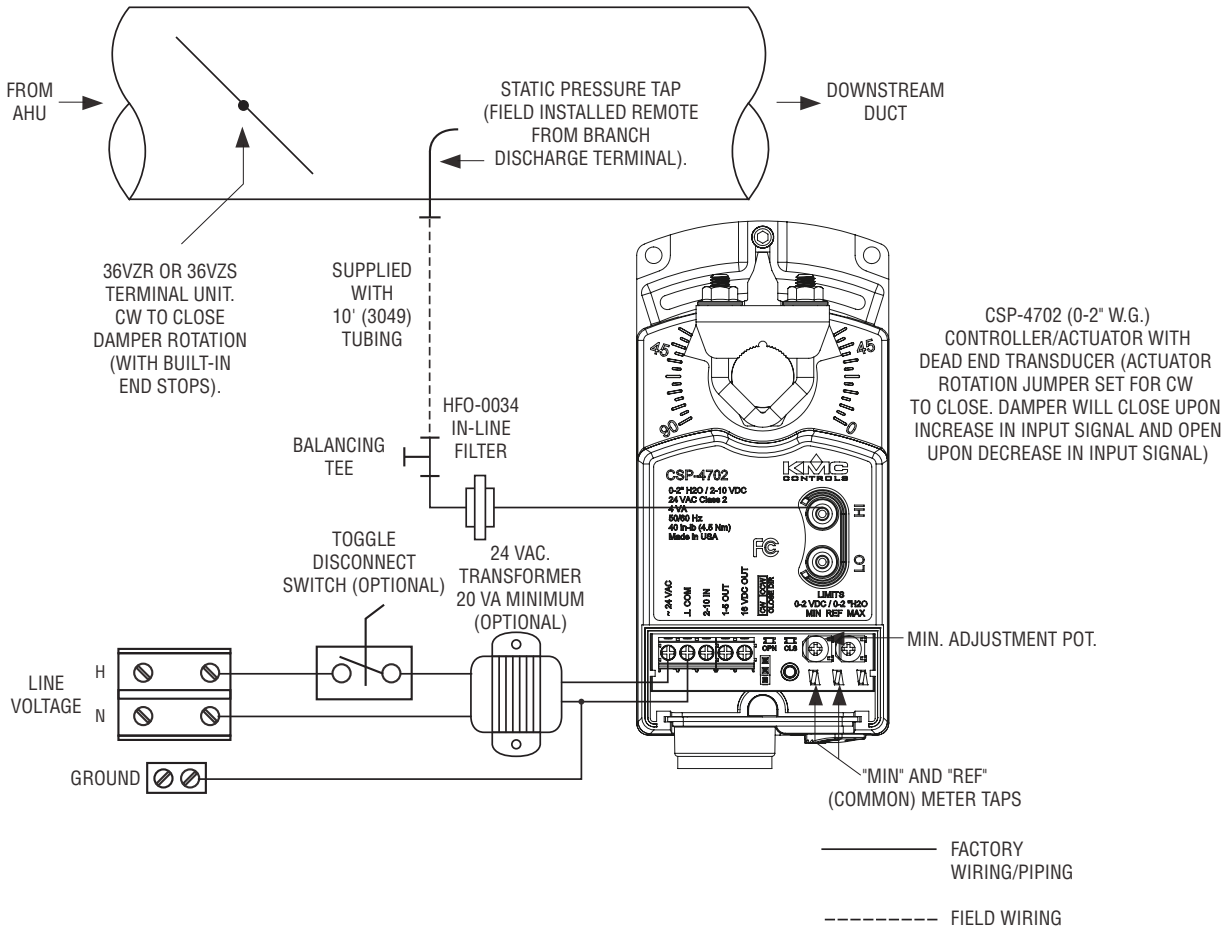
ANALOG ELECTRONIC CONTROL
BRANCH DISCHARGE TERMINAL UNIT
MODELS: 36VZR & 36VZS
CONTROL SEQUENCE: Z2



BRANCH STATIC PRESSURE CONTROL (RANGE 0-2" w.g.)
SEQUENCE OF OPERATION: Z2

- For use in systems where constant volume supply fans are used with variable air volume zone dampers or diffusers.
- Provides control of duct static pressure after the terminal for pressure dependent devices such as variable air volume diffusers or zone dampers.
- Improves performance of controlled zones by increasing modulation capability and decreasing sound levels.

In Branch Discharge Pressure Control applications, the 36VZR or 36VZS terminals control system pressure by opening or closing to maintain the desired minimum static pressure requirement. The field installed static pressure tap is installed in the supply ductwork downstream of the terminal to sense branch static pressure (usually at the end of a duct run out).

There are two methods to adjust constant static pressure set point:

1. Connect a voltmeter to the "MIN" and "REF" meter taps or controller (located under cover). Adjust the MIN. pot to the desired voltage. Voltage/Pressure ratio is 1:1. (0VDC = 0" w.g. 2VDC = 2" w.g.)
2. Read static pressure from a magnehelic gauge attached to the balancing tee. Adjust "Min" pot up or down on controller (located under the cover) until desired static pressure is achieved.

SCHEDULE TYPE:	Dimensions are in inches (mm).			
PROJECT:				
ENGINEER:	**DATE**	**B SERIES**	**SUPERSEDES**	**DRAWING NO.**
CONTRACTOR:	**12 - 3 - 14**	**3600**	**9 - 9 - 00R**	**36VZCD-2**