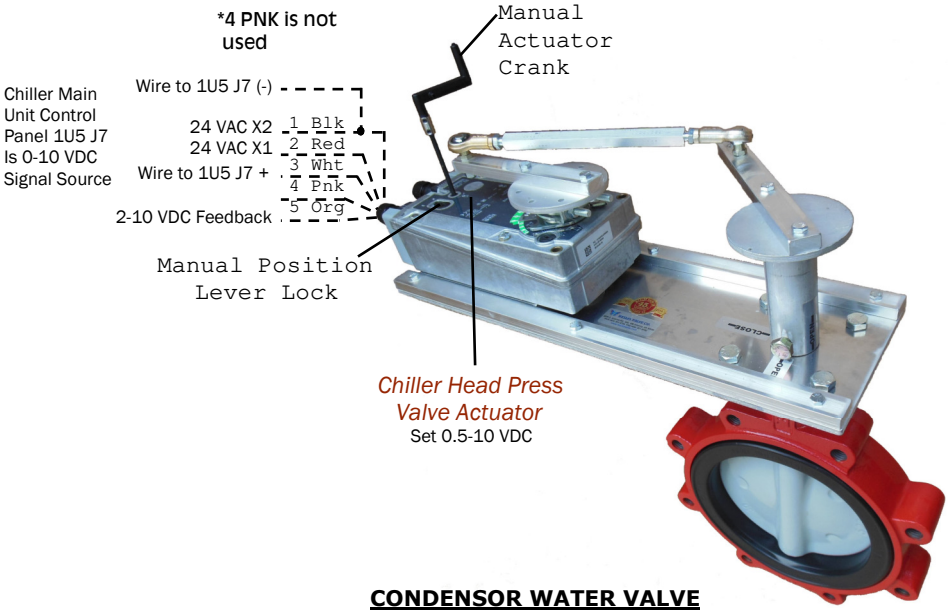
HEAD PRESSURE VALVE WIRING FOR TRANE ROTARY CHILLERS





CONDENSOR WATER VALVE

Locate Chiller Head Press Valve in Condenser Water Return Line

ACTUATOR HAS 4 TO 1 LEVER

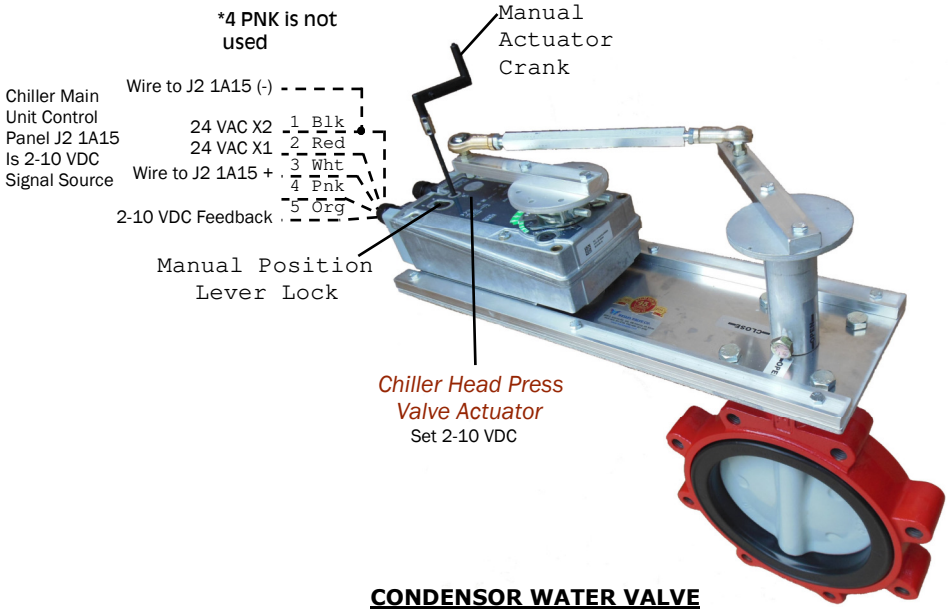
90 DEG ACTUATOR TO 60 DEG VALVE ROTATION OR A 1.5 TO 1 RATIO INCREASES THROT-TLING DISC REPOSITIONS

WESLEY VALVE CO.
MFGRS OF AUTOMATED BUTTERFLY VALVES
PHN: (404) 351-8744 FAX: (404) 351-9340
WWW.WESLEYVALVE.COM

HEAD PRESSURE VALVE WIRING FOR TRANE CENTRAVAC CHILLERS



*Add 500 Ohm Resis-
tor between 1 Blk &
3 Wht for Chiller
4-20 mA Signal*



ACTUATOR HAS 4 TO 1 LEVER

90 DEG ACTUATOR TO 60 DEG VALVE ROTATION OR A 1.5 TO 1 RATIO INCREASES THROTTLING DISC REPOSITIONS

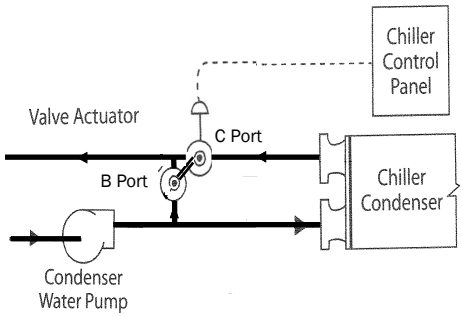
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HEAD PRESSURE VALVE WIRING FOR TRANE® ROTARY CHILLERS





CORRECT 3-WAY VALVE PIPING

*4 PNK is not used

ACTUATOR HAS 4 TO 1 LEVER

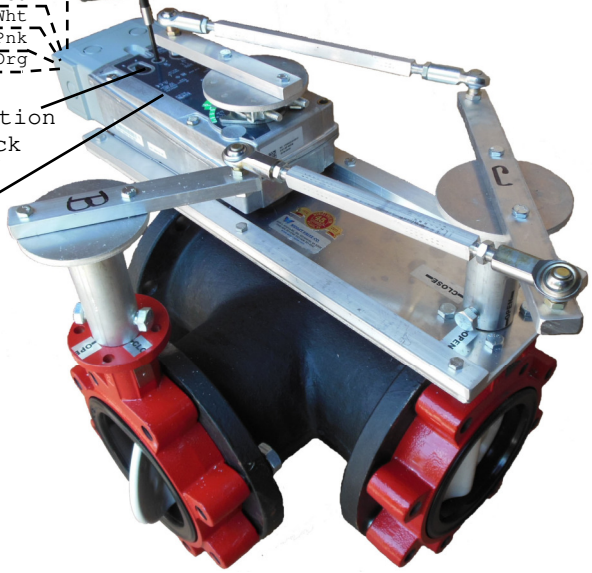
90 DEG ACTUATOR TO 60 DEG VALVE ROTATION OR A 1.5 TO

Chiller Main Unit Control Panel 1U5 J7 Is 0-10 VDC Signal

Wire to 1U5 J7 (-)
24 VAC X2 — 1 Blk
24 VAC X1 — 2 Red
Wire to 1U5 J7 (+) — 3 Wht
2-10 VDC Feedback — 4 Pnk
5 Org

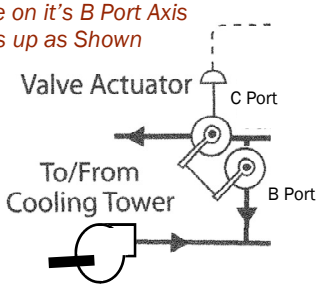
Manual Actuator Crank

Manual Position Lever Lock



Chiller Head Press Valve Actuator
Set 0.5-10 VDC

During Pipe Installation, DO NOT Spin the Valve on it's B Port Axis so that it ends up as Shown

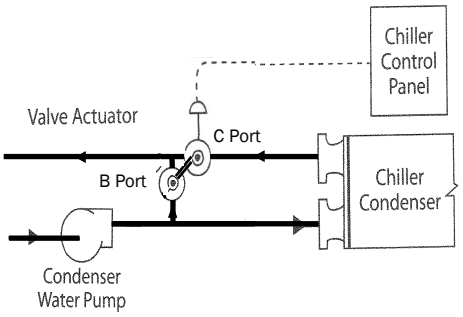


INCORRECT 3-WAY VALVE PIPING

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HEAD PRESSURE VALVE WIRING FOR TRANE CENTRAVAC CHILLERS





CORRECT 3-WAY VALVE PIPING

Add 500 Ohm Resistor between 1 Blk & 3 Wht for Chiller 4-20 mA Signal

ACTUATOR HAS 4 TO 1 LEVER

90 DEG ACTUATOR TO 60 DEG VALVE ROTATION OR A 1.5 TO

*4 PNK is not used

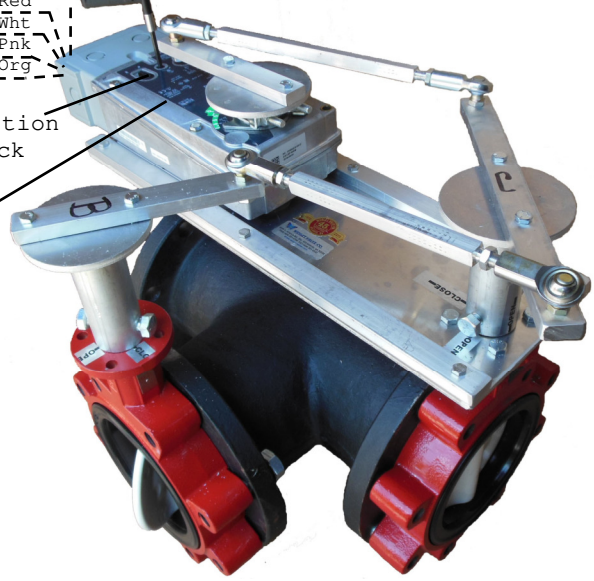
Chiller Main Unit Control Panel J2 1A15 Is 2-10 VDC Signal Source

Wire to J2 1A15 (-)
24 VAC X2
24 VAC X1
Wire to J2 1A15 (+)
2-10 VDC Feedback

1 Blk
2 Red
3 Wht
4 Pnk
5 Org

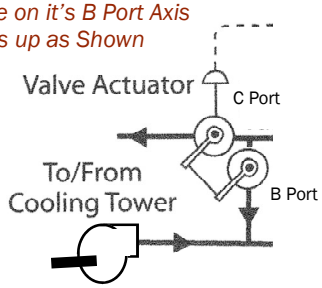
Manual Actuator Crank

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Chiller Head Press Valve Actuator
Set 0.5-10 VDC

During Pipe Installation, DO NOT Spin the Valve on it's B Port Axis so that it ends up as Shown



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