HEAD PRESSURE VALVE WIRING FOR TRANE ROTARY CHILLERS



CONDENSER LOCATED BEHIND EVAPORATOR

CNW RETURN TOP CONNECTION

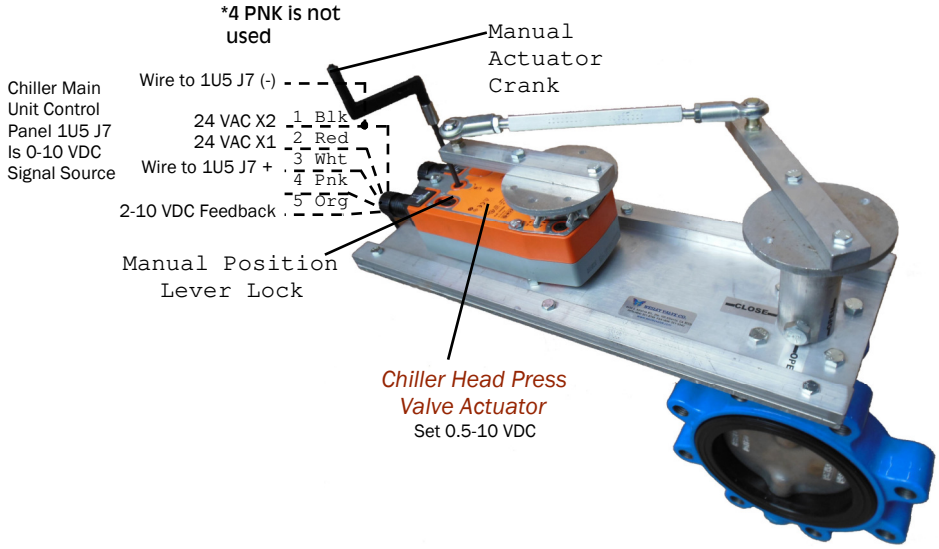
CNW SUPPLY BOTTOM CONNECTION

CONDENSER WATER SUPPLY FROM TOWER

CHW SUPPLY

CHW RETURN

120/24 VAC Trans-former Located under Actuator Cover



Chiller Head Press Valve Actuator
Set 0.5-10 VDC

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

Locate Chiller Head Press Valve in Condenser Water Return Line

CONDENSOR WATER VALVE

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

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CNW RETURN TOP CONNECTION

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120/24 VAC Trans-former Located under Actuator Cover

*4 PNK is not used

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

Wire to 1U5 J7 (-)

24 VAC X2 — 1 Blk

24 VAC X1 — 2 Red

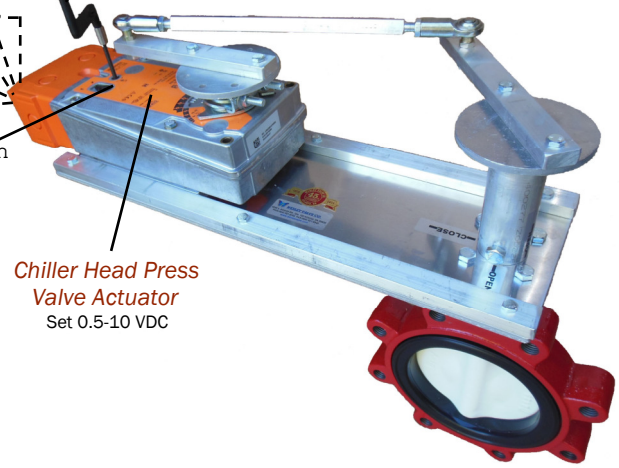
Wire to 1U5 J7 + — 3 Wht

2-10 VDC Feedback — 4 Pnk

5 Org

Manual Actuator Crank

Manual Position Lever Lock



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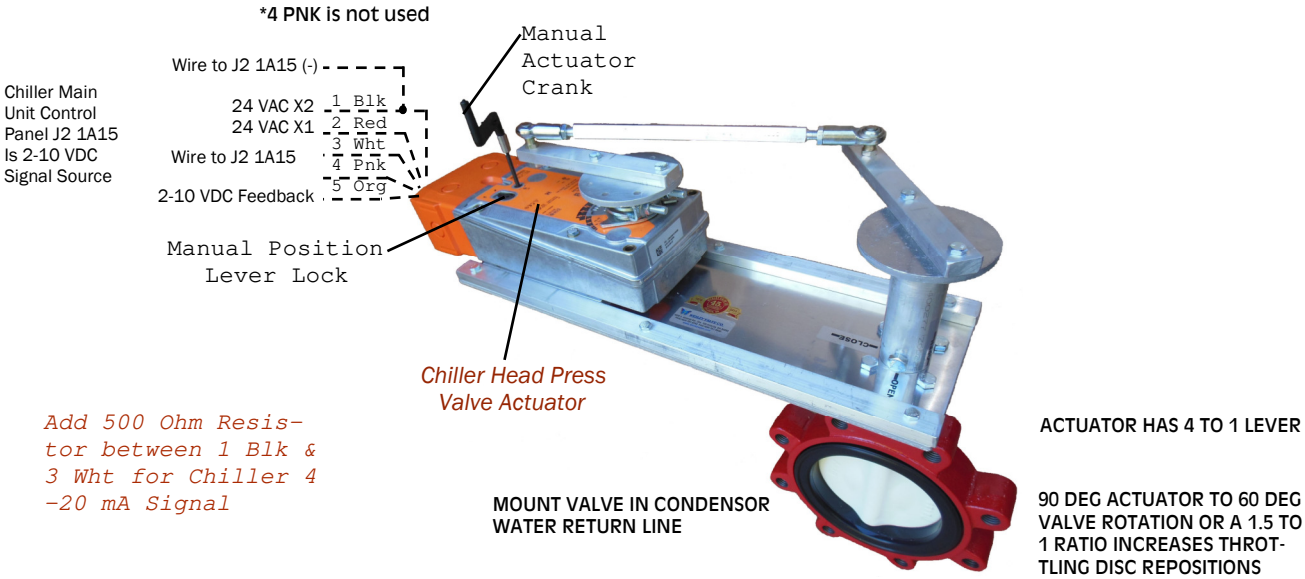
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HEAD PRESSURE VALVE WIRING FOR TRANE CENTRAVAC CHILLERS



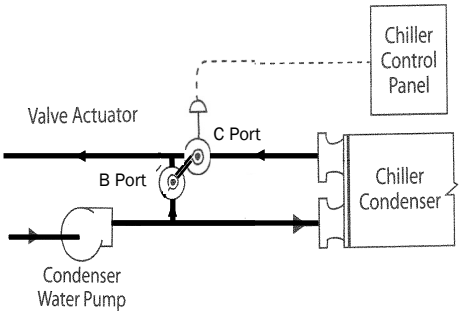


CONDENSOR WATER VALVE

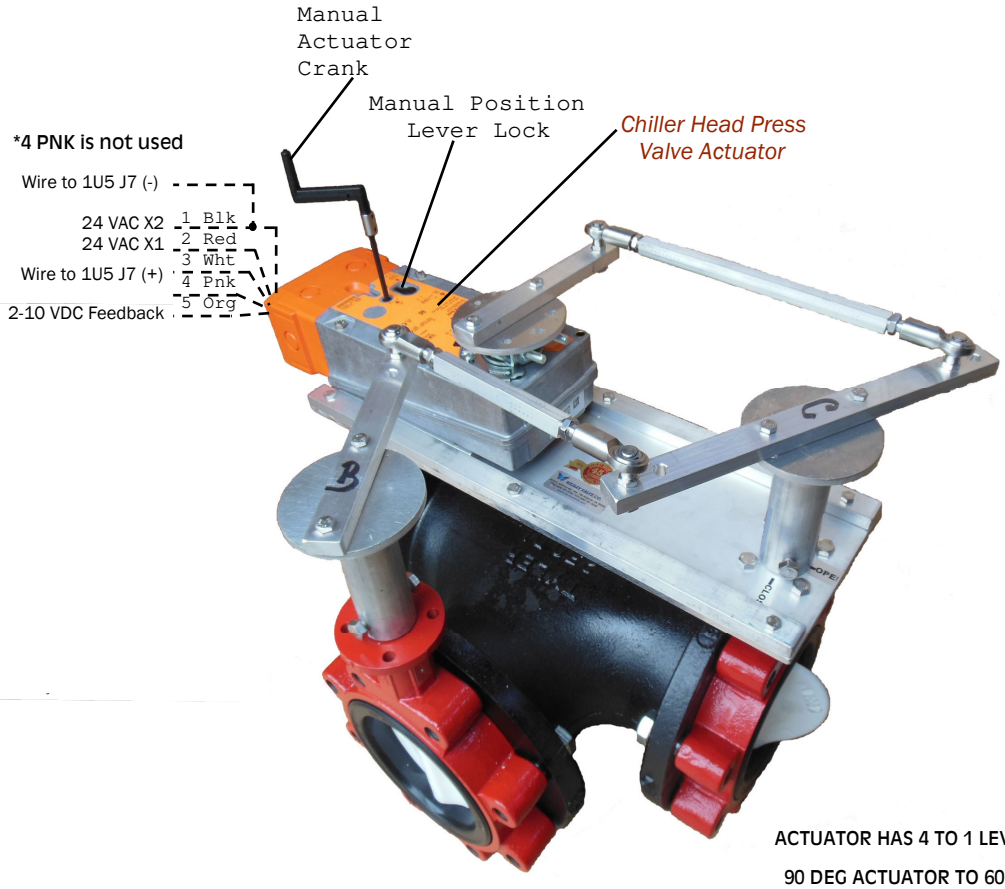
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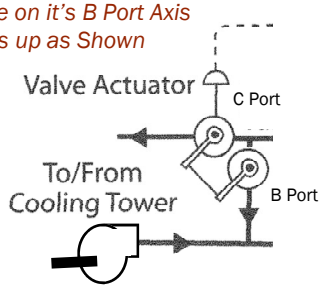




CORRECT 3-WAY VALVE PIPING



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

CONDENSOR WATER VALVE

ACTUATOR HAS 4 TO 1 LEVER

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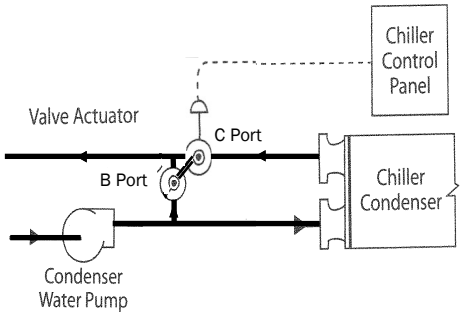
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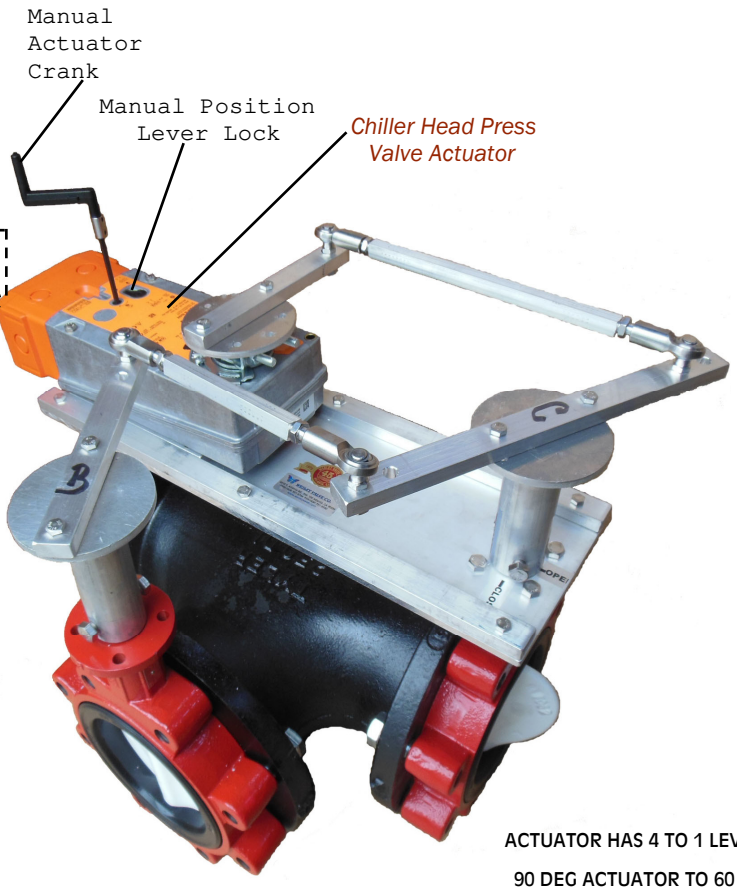


CONDENSER WATER RETURN TO TOWER

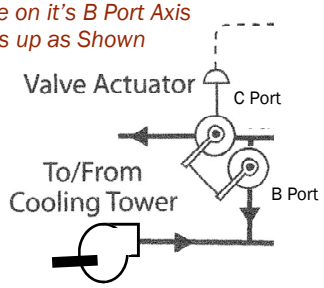
CONDENSER WATER SUPPLY FROM TOWER



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