INSTALLATION INSTRUCTIONS
COOLING WATER FLOW CONTROL VALVES
HAT/RA-LP & TV/HAT/RA-LP
HAT/RA & TV/HAT/RA

REMEMBER: The valves are fully open at the customer specified set-point temperature and fully closed approximately 10°F below the open temperature, except for the control leakage. All valves with "LP" code in the model number have this "leak port" or control leakage. Purpose of the control leakage is to allow some small flow through the valve even when it is closed; typically control leakage is ¼ GPM (.9 L/min) @ 60 PSIG (4.1 BAR) or as otherwise specified.

INSTALLATION:

1) Valves should be installed on the cooling water outlet line at the outlet of the water cooled equipment. Valve must be installed with flow direction as indicated on valve body.

2) Ideal response is when valve is as close to the outlet of the water cooled equipment as possible.

3) Valve connections are pipe threads for "HAT" type valves and tube compression fitting ends for "TV" type valves.

4) Outlet from valve should be piped to drain or water recovery system at lower pressure than inlet water pressure.

CAUTIONS:

Do not over-tighten connections * Tighten tube compression fittings per standard practice* Always test after installation and before use * Test at regular intervals

Proper Use: Use ThermOmegaTech® products only as specified to ensure performance, safety, and regulatory compliance.
No Modifications: Do not modify ThermOmegaTech® products, as changes may void warranties and violate regulations (e.g., RoHS, REACH).
Proper Disposal: Dispose of end-of-life products per local hazardous substance regulations; contact ThermOmegaTech® or recycling facilities for guidance.

WARNING: This product can expose you to chemicals, for example lead, nickel, acrylonitrile, which are known to the State of CA to cause cancer, birth defects, or reproductive harm. For more information, go to www.P65Warnings.ca.gov

Warranty information disclosed at www.thermomegatech.com/terms-conditions/

HAT-TV-RA-LP_IMI
REV: 9/26/25

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