



CASH VALVE

1. Pre-installation

Verification of model and service media/temperature/pressure limits

(Reference attached model description/guide)
Verify the model number, set pressure, and spring range on the nameplate against the order.

For European Service, verify the nameplate is "CE" marked. Verify that the system pressure will not exceed the maximum inlet pressure marked on the nameplate.

2. Handling

This Type LTC temperature control valve is a double-port valve with an adjustable temperature range of 0°F to -40°F (255°K to 233°K). The type LTC is reverse acting (closing at the adjusted minimum gas temperature) and subject to ambient temperature under normal conditions; therefore, it will normally be in a wide-open position. In the event of valve failure, the valve will fail in the closed position.

The valve should be handled with care, not subjected to heavy shock loads, and protected to prevent contamination getting inside. It should be installed in accordance with industry standards and local jurisdiction codes. Failure to do so could result in property damage or serious injury or death to personnel.

3. Installation

1. Always wear proper safety equipment, including safety glasses.
2. It is highly recommended that a strainer is installed upstream of the valve.
3. The valve should be installed in horizontal position with the bellows housing upright. If another mounting position is required, please consult the factory.
4. For ease of operation and maintenance, it is suggested that manual shut-off valves be installed upstream and downstream from the valve.
5. Before installing the valve, the piping and valve should be thoroughly flushed out to remove any foreign material.
6. Install the valve so that the arrow cast on the valve body points in the direction of flow.
7. For threaded valves, to prevent sealing compound from entering and damaging the valve, apply a small amount of compatible pipe thread sealing compound to external threads only. Do not put any sealing compound on the first thread or on any internal threads, as doing so may cause the sealing compound to enter the valve and cause seat leakage. Exercise care when tightening the unions to ensure that the gaskets located in the union ends are properly positioned. Do not use the valve body or bellows housing for installing the valve in threaded connections. Use the wrench flats provided to tighten the valve to the connection pipe, and do not over tighten. Torque valve connections enough to ensure a pressure tight seal.
8. Do not paint, lubricate or allow contaminants to enter or cover the interior or any working parts of the valve.

4. Operation

The temperature regulator can be set to shut off the flow of gas at any temperature from 0°F to -40°F (255°K to 233°K) temperature range. To adjust the cut-off temperature, turn the temperature adjustment wheel in a counter-clockwise direction to set the regulator at a higher temperature. Turn the wheel in a clockwise direction to set the regulator at a lower temperature.

5. Maintenance

Maintenance should be performed on a regular basis. An initial inspection interval of 12 months is recommended. Depending on the service conditions and the condition of the valve, the inspection interval may be decreased or increased. Inspect valve to ensure it is functioning as intended. Use only Cash Valve parts for repair.



WARNING

Any attempt to repair or modify this product by unqualified personnel voids the product guarantee and may cause serious damage to equipment, personal injury, and death. Cash Valve is not liable for any damage resulting from misuse or misapplication of its products.

More information is available at www.cashvalve.com