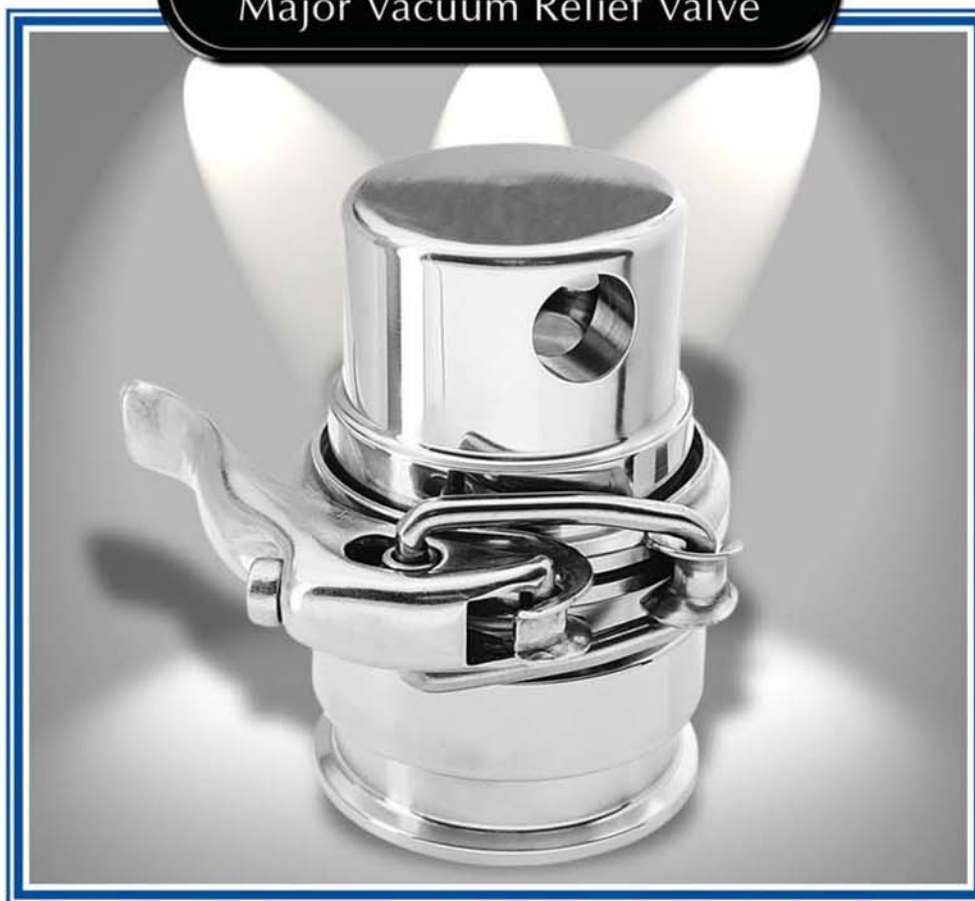




• **QVV/QVVO** •  
Major Vacuum Relief Valve



### DESCRIPTION:

A compact, quick acting, sanitary major vacuum relief valve for eliminating air from processing lines. It offers two-way passage of air until the line is pressurized, then the plug rises, closing the valve. When depressurized, the plug drops, which allows air back into the system, draining the line. The QVV/ QVVO valve offers 7 times the air flow of our QV/QVO valve.

### FEATURES:

- Easy to clean, disassemble and assemble
- All 316 stainless steel except the 302 SS spring
- Positive sealing with negligible spitting
- Both the QVV and QVVO have the same action.
- The QVVO, with its O-ring seal, is designed for hot, crusting liquids and abusive environments, where the QVV's metal-to-metal seat may be damaged.

### DAIRY OPERATIONS NEEDS FOR VACUUM RELIEF & VENTING:

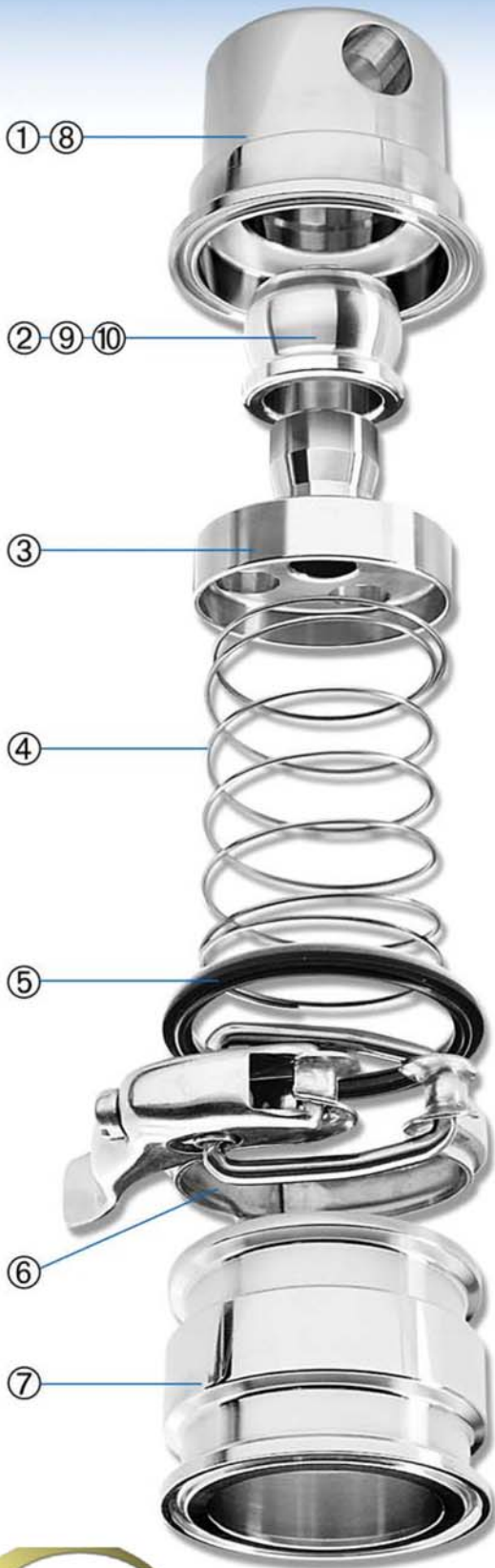
HTST Pasteurization - for protection of heat generators against siphon drainage;  
Vacuum Pasteurization - preventing exposure of flow diversion valves to downstream vacuum;  
Clean-In-Place (CIP) Operations; Tank and Truck Filling;  
Cleaning and Purging lines with compressed air; and  
Pump Priming

### USES:

1. Siphon Prevention
2. Venting air from liquid lines and allowing lines to drain.
3. Preventing vacuum in liquid lines (not tanks).

Q - US Reg Trade Mark - Covered under US Patent  
2902250, 3121444, 3232313 or 3311342 - 3A Authorized

# QVV/QVVO Major Vacuum Relief Valve



## QVV/QVVO VALVES

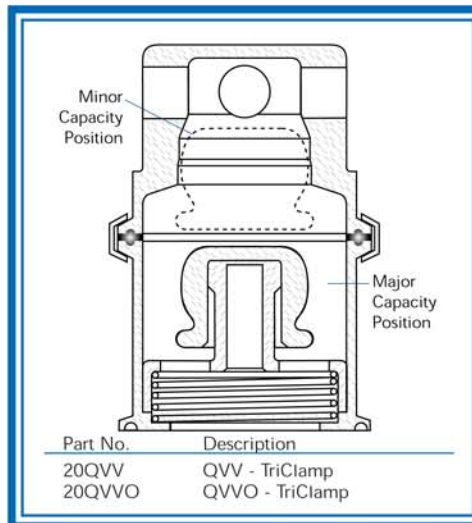
Q-Control valves work reliably when used in milk processing lines. Milk fats serve as lubricants for the valves. For products not containing natural lubricants, approved lubricants may be used. If using a QVVO valve, try teflon coated Buna-N or Viton O-rings.

### VALVE SPECIFICATION

LINE SIZE	2"
Valve Height	4"
Q-Seat Diameter	1 - 1/4"
Orifice Diameter - Minor	11/32"
Orifice Diameter - Major	1"

### NOTES:

1. Due to varying conditions of each system, every Q-Control valve should be tested in place before being relied upon for protection during operation.
2. Information presented is general and may not apply to the conditions of individual installation.
3. The manufacturer's warranty relates to workmanship, sanitary requirements, and action as tested when shipped. Any liability cannot exceed the price of the valve.



ITEM	Part No.	Description	Material
1*	QVV20UB	Upper Body - QVV	316SS
2*	QVV20PL	Plug - QVV	316SS
3	QVV20BS	Base	316SS
4	QVV20SP	Spring	302SS
5	40MPU-2	Gasket - 2" TriClover	Buna-N
6	13MHLA-2	Clamp - 2" TriClover	302SS
7	QVV20LB	Lower Body	316SS
ALSO AVAILABLE			
8	QVVO20UB	Upper Body - QVVO (not shown)	316SS
9	QVVO20PL	Plug - QVVO (not shown)	316SS
10	OR214B	O-ring (not shown)	Buna-N
	OR214TC	O-ring, Teflon Coated	Buna-N
	OR214BV	O-ring	Viton

\*Mated Parts



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