



The Betts' Guardian™ series pressure, vacuum, and pressure/vacuum combination vents are spring loaded re-closing pressure or vacuum relief devices/valves for use as a cargo tank's primary pressure relief system.

- Compact Optimized Flow Design
- 316 Stainless Steel construction
- Teflon seals and wear components
- Safety Stop Screw to help prevent accidental unthreading of housing
- Seal tabs on shroud for security measures.
- Simple In-Place Maintenance
- Available ECTFE (Halar®) coated.
- Multiple sizes and mounting options
- Multiple seal options
- 3" and 4" NPS Swivel Connection



Ordering / Info Guides

Page 2	RVPS	Pressure Relief Valve, Swivel Nut Connection
Page 3	RVCS	Pressure/Vacuum Combo Valve, Swivel Nut Connection
Page 4	RVVS	Vacuum Breaker, Swivel Nut Connection
Page 5	RVPN	Pressure Relief Valve, NPS Connection
Page 6	RVPA	Pressure Relief Valve, ANSI Flanged
Page 7	RVPF	Pressure Relief Valve, 4" TTMA Flanged Connection
Page 8	RVPW	Pressure Relief Valve, Weld Stub Connection
Page 9	RVCA	Pressure/Vacuum Combo Valve, ANSI Flanged Connection
Page 10	RVCN	Pressure/Vacuum Combo Valve, NPS Connection
Page 11	RVCF	Pressure/Vacuum Combo Valve, 4" TTMA Flanged Connection
Page 12	RVCW	Pressure/Vacuum Combo Valve, Weld Stub Connection



Guardian Pressure Relief Valve, NPS Swivel Connection



The Betts' Guardian™ NPS swivel vent is a spring loaded reclosing pressure relief device/valve for use as a cargo tank's primary pressure relief system. The pressure relief valve is designed, tested and marked in accordance with 49CFR §178.345-10, 49CFR §178.347-4 and 49CFR §178.348-4.

- Compact Optimized Flow Design
- 316 Stainless Steel construction
- Teflon seals and wear components
- Safety Stop Screw to help prevent accidental un-threading of housing
- Seal tabs on shroud for security measures.
- Simple In-Place Maintenance
- Available ECTFE (Halar®) coated.
- Multiple sizes and mounting options
- Multiple seal options
- 3" and 4" NPS Swivel Connection

Seal Kit part number: SK-RVPT*

*Mounting gasket not included in seal kit

Disassembly wrench number : 75819ZC

Part Number	Size and Connection	Weight Lbs. [kg]
RVP3S* **	3" NPS SWIVEL	15.8[7.1]
RVP4S* **	4" NPS SWIVEL	16.1[7.3]

- An example of a part number would be RVP3ST-25. This would have PTFE seals and be used on a 25 MAWP tank.
- Values shown are test values. Actual results may vary due to service conditions.

* Designates Seal Material		
* Code	Material	Temp. range
T	PTFE	-40°F - 400°F [-40°C - 204°C]
F	Fluorosilicone	-50°F - 350°F [-45°C - 176°C]
K	Kalrez	-20°F - 400°F [-28°C - 204°C]
VB	FKM BLT	-15°F - 400°F [-26°C - 204°C]

** Designates Tank MAWP				
**MAWP	Size	Set Pressure (PSIG)	Pressure Flow	Water Flow Rates (GPM)
25	3"	30	379,461 SCFH @ 40 PSIG	980 @ 40psi
			409,558 SCFH @ 45 PSIG	1050 @ 45psi
30		36	409,558 SCFH @ 45 PSIG	1050 @ 45psi
			457,740 SCFH @ 52.5 PSIG	1075 @ 52.5psi
35	4"	30	389,482 SCFH @ 40 PSIG	1000 @ 40psi
			432,563 SCFH @ 45 PSIG	1100 @ 45psi
30		36	432,563 SCFH @ 45 PSIG	1100 @ 45psi
			496,954 SCFH @ 52.5 PSIG	1150 @ 52.5psi
35		42	496,954 SCFH @ 52.5 PSIG	1150 @ 52.5psi



Combo Guardian Pressure/Vacuum Valve, NPS Swivel Connection



RVC3S



RVC4S

The Betts' Guardian™ combination valve is a spring loaded reclosing pressure and vacuum relief device for use on a cargo tank's primary pressure relief and vacuum relief systems. The combination relief valve is designed, tested and marked in accordance with 49CFR §178.345-10, 49CFR §178.347-4 and 49CFR §178.348-4.

- Compact, optimized flow design.
- 316 Stainless Steel construction.
- Teflon seals and wear components.
- Safety Stop Screw to help prevent accidental unthreading of housing.
- Seal tabs on shroud for security measures.
- Simple In-Place Maintenance.
- Available ECTFE (Halar®) coated.
- Multiple sizes and mounting options.
- Multiple seal options.
- Vibration damping vacuum vent.

Seal Kit part number: SK-RVCT*

*Mounting gasket not included in seal kit

Disassembly wrench number : 75819ZC

Part Number	Size and Connection	Weight Lbs. [kg]
RVC3S*-.**	3" NPS Swivel	17.4[7.8]
RVC4S*-.**	4" NPS Swivel	20.5[9.3]

- An example of a part number would be RVC3ST-25. This would have PTFE seals and be used on a 25 MAWP tank.
- Values shown are test values. Actual results may vary due to service conditions.

* Designates Seal Material		
* Code	Material	Temp. range
T	PTFE	-40°F - 400°F [-40°C - 204°C]
F	Fluorosilicone	-50°F - 350°F [-45°C - 176°C]
K	Kalrez	-20°F - 400°F [-28°C - 204°C]
VB	FKM BLT	-15°F - 400°F [-26°C - 204°C]

** Designates Tank MAWP						
**MAWP	Size	Set Pressure (PSIG)	Pressure Flow	Water Flow Rates (GPM)	Set Vacuum (PSIG)	Vacuum Flow
25	3"	30	360,596 SCFH @ 40 PSIG	980 @ 40psi	1.5	12,500 SCFH @ 3.0 PSIG
30		36	409,559 SCFH @ 45 PSIG	1050 @ 45psi		
35		42	457,740 SCFH @ 52.5 PSIG	1075 @ 52.5psi		
25	4"	30	365,828 SCFH @ 40 PSIG	1000 @ 40psi		
30		36	421,629 SCFH @ 45 PSIG	1100 @ 45psi		
35		42	482,967 SCFH @ 52.5 PSIG	1150 @ 52.5psi		



Guardian Vacuum Breaker, NPS Swivel Connection

The Betts' Guardian™ vacuum breaker is a spring loaded reclosing vacuum relief valve for use on a cargo tank's vacuum relief system. The vacuum breaker is designed, tested and marked in accordance with 49CFR §178.345-10, 49CFR §178.347-4 and 49CFR §178.348-4.



RVV3ST



RVV4ST

- Compact Optimized Flow Design
- 316 Stainless Steel construction
- Teflon seals and wear components
- Seal tabs on shroud and swivel nut for security measures.
- Simple In-place Maintenance
- Available ECTFE (Halar®) coated.
- Multiple sizes and mounting options
- Multiple seal options
- Vibration damping design
- 1" NPT and ¼" NPT mounting ports
- 3" and 4" NPS Swivel connection

Seal Kit part number: SK-RV VT*

*Mounting gasket not included in seal kit

Part Number	Size and Connection	Weight Lbs [kg]
RVV3S*	3" NPS SWIVEL	4.5[2.0]
RVV4S*	4" NPS SWIVEL	5.9[2.7]

* Designates Seal Material		
* Code	Material	Temp. range
T	PTFE	-40°F - 400°F [-40°C - 204°C]
F	Fluorosilicone	-50°F - 350°F [-45°C - 176°C]
K	Kalrez	-20°F - 400°F [-28°C - 204°C]
VB	FKM BLT	-15°F - 400°F [-26°C - 204°C]

Size	Set vacuum (PSIG)	Flow
3"	1.5	18,000 SCFH @ 3.0 PSIG
4"	1.5	18,000 SCFH @ 3.0 PSIG

- An example of a part number would be RVV3ST. This would have PTFE seals.
- Values shown are test values. Actual results may vary due to service conditions.



Tank Truck Service & Sales, Inc. Warren, Michigan
800-482-2678 www.tanktruckservice.com

Guardian Pressure Relief Valve, NPS Connection

The Betts' Guardian™ vent is a spring loaded reclosing pressure relief device/valve for use as a 407/412 cargo tank's primary pressure relief system. The pressure relief valve is designed, tested and marked in accordance with 49CFR §178.345-10, 49CFR §178.347-4 and 49CFR §178.348-4.



- Compact, Optimized Flow Design.
- 316 Stainless Steel construction.
- Teflon seals and wear components.
- Safety Stop Screw to help prevent accidental unthreading of housing.
- Seal tabs on shroud for security measures.
- Simple In-place Maintenance.
- Available ECTFE (Halar®) coated.
- Multiple sizes and mounting options.
- Multiple seal options.
- 3" & 4" NPS Threaded Connection

Seal Kit part number: SK-RVPT*

*Mounting gasket not included in seal kit

Disassembly wrench number : 75819ZC

Part Number	Size and Connection	Weight Lbs. [kg]
RVP3N*_*	3" NPS	12.8[5.8]
RVP4N*_*	4" NPS	13.2[6.0]

- An example of a part number would be RVP3NT-25. This would have PTFE seals and be used on a 25 MAWP tank.
- Values shown are test values. Actual results may vary due to service conditions.

* Designates Seal Material		
* Code	Material	Temp. range
T	PTFE	-40°F - 400°F [-40°C - 204°C]
F	Fluorosilicone	-50°F - 350°F [-45°C - 176°C]
K	Kalrez	-20°F - 400°F [-28°C - 204°C]
VB	FKM BLT	-15°F - 400°F [-26°C - 204°C]

** Designates Tank MAWP				
**MAWP	Size	Set Pressure (PSIG)	Pressure Flow	Water Flow Rates (GPM)
25	3"	30	379,461 SCFH @ 40 PSIG	980 @ 40psi
			409,558 SCFH @ 45 PSIG	1050 @ 45psi
		36	409,558 SCFH @ 45 PSIG	1050 @ 45psi
35		42	457,740 SCFH @ 52.5 PSIG	1075 @ 52.5psi
25	4"	30	389,482 SCFH @ 40 PSIG	1000 @ 40psi
			432,563 SCFH @ 45 PSIG	1100 @ 45psi
		36	432,563 SCFH @ 45 PSIG	1100 @ 45psi
			496,954 SCFH @ 52.5 PSIG	1150 @ 52.5psi



Guardian Pressure Relief Valve, ANSI Flanged



The Betts' Guardian™ ANSI flanged valve is a spring loaded re-closing pressure relief device/valve for use as a 407 or 412 cargo tank's primary pressure relief system. The pressure relief valve is designed, tested and marked in accordance with 49CFR §178.345-10, 49CFR §178.347-4 and 49CFR §178.348-4.

- Compact Optimized Flow Design
- 316 Stainless Steel construction
- Teflon seals and wear components
- Safety Stop Screw to help prevent accidental un-threading of housing
- Seal tabs on shroud for security measures.
- Simple In-Place Maintenance
- Available ECTFE (Halar®) coated.
- Multiple sizes and mounting options
- Multiple seal options
- 3" and 4" ANSI Flanged Connection

Seal Kit part number: SK-RVPT*

*Mounting gasket not included in seal kit

Part Number	Size and Connection	Weight Lbs. [kg]
RVP3A*-*	3" ANSI FLG.	19.5[8.8]
RVP4A*-*	4" ANSI FLG.	21.0[9.5]

- An example of a part number would be RVP3AT-25. This would have PTFE seals and be used on a 25 MAWP tank.
- Values shown are test values. Actual results may vary due to service conditions.

* Designates Seal Material		
* Code	Material	Temp. range
T	PTFE	-40°F - 400°F [-40°C - 204°C]
F	Fluorosilicone	-50°F - 350°F [-45°C - 176°C]
K	Kalrez	-20°F - 400°F [-28°C - 204°C]
VB	FKM BLT	-15°F - 400°F [-26°C - 204°C]

** Designates Tank MAWP				
**MAWP	Size	Set Pressure (PSIG)	Pressure Flow	Water Flow Rates (GPM)
25	3"	30	379,461 SCFH @ 40 PSIG	980 @ 40psi
			409,558 SCFH @ 45 PSIG	1050 @ 45psi
		36	409,558 SCFH @ 45 PSIG	1050 @ 45psi
35		42	457,740 SCFH @ 52.5 PSIG	1075 @ 52.5psi
25	4"	30	389,482 SCFH @ 40 PSIG	1000 @ 40psi
			432,563 SCFH @ 45 PSIG	1100 @ 45psi
		36	432,563 SCFH @ 45 PSIG	1100 @ 45psi
			42	496,954 SCFH @ 52.5 PSIG



Tank Truck Service & Sales, Inc. Warren, Michigan
800-482-2678 www.tanktruckservice.com

Guardian Pressure Relief Valve, 4" TTMA Flanged Connection



The Betts' Guardian™ TTMA flanged pressure valve is a spring loaded reclosing pressure relief device/valve for use as a cargo tank's primary pressure relief system. The pressure relief valve is designed, tested and marked in accordance with 49CFR §178.345-10, 49CFR §178.347-4 and 49CFR §178.348-4.

- Compact Optimized Flow Design
- 316 Stainless Steel construction
- Teflon seals and wear components
- Safety Stop Screw to help prevent accidental un-threading of housing
- Seal tabs on shroud for security measures.
- Simple In-Place Maintenance
- Available ECTFE (Halar®) coated.
- Multiple sizes and mounting options
- Multiple seal options
- 4" TTMA flange connection has eight 3/8-16 UNC X .65 deep blind holes.

Seal Kit part number: SK-RVPT*

*Mounting gasket not included in seal kit

Disassembly wrench number : 75819ZC

Part Number	Size and Connection	Weight Lbs. [kg]
RVP4F*-**	4" TTMA FLG	19.9[9.0]

- An example of a part number would be RVP4FT-25. This would have PTFE seals and be used on a 25 MAWP tank.
- Values shown are test values. Actual results may vary due to service conditions.

* Designates Seal Material		
* Code	Material	Temp. range
T	PTFE	-40°F - 400°F [-40°C - 204°C]
F	Fluorosilicone	-50°F - 350°F [-45°C - 176°C]
K	Kalrez	-20°F - 400°F [-28°C - 204°C]
VB	FKM BLT	-15°F - 400°F [-26°C - 204°C]

** Designates Tank MAWP				
**MAWP	Size	Set Pressure (PSIG)	Pressure Flow	Water Flow Rates (GPM)
25	4"	30	389,482 SCFH @ 40 PSIG	1000 @ 40psi
			432,563 SCFH @ 45 PSIG	1100 @ 45psi
30		36	432,563 SCFH @ 45 PSIG	1100 @ 45psi
			35	42



Tank Truck Service & Sales, Inc. Warren, Michigan
800-482-2678 www.tanktruckservice.com

Guardian Pressure Relief Valve, Weld Stub Connection



The Betts' Guardian™ Weld Stub pressure valve is a spring loaded reclosing pressure relief device/valve for use as a cargo tank's primary pressure relief system. The pressure relief valve is designed, tested and marked in accordance with 49CFR §178.345-10, 49CFR §178.347-4 and 49CFR §178.348-4.

- Compact Optimized Flow Design
- 316 Stainless Steel construction
- Teflon seals and wear components
- Safety Stop Screw to help prevent accidental un-threading of housing
- Seal tabs on shroud for security measures.
- Simple In-Place Maintenance
- Available ECTFE (Halar®) coated.
- Multiple sizes and mounting options
- Multiple seal options
- 3" and 4" Weld Stub Connection

Seal Kit part number: SK-RVPT*

Disassembly wrench number : 75819ZC

Part Number	Size and Connection	Weight Lbs. [kg]
RVP3W*_*	3" WELD STUB	14.2[6.4]
RVP4W*_*	4" WELD STUB	14.8[6.7]

- An example of a part number would be RVP3WT-25. This would have PTFE seals and be used on a 25 MAWP tank.
- Values shown are test values. Actual results may vary due to service conditions.

* Designates Seal Material		
* Code	Material	Temp. range
T	PTFE	-40°F - 400°F [-40°C - 204°C]
F	Fluorosilicone	-50°F - 350°F [-45°C - 176°C]
K	Kalrez	-20°F - 400°F [-28°C - 204°C]
VB	FKM BLT	-15°F - 400°F [-26°C - 204°C]

** Designates Tank MAWP				
**MAWP	Size	Set Pressure (PSIG)	Pressure Flow	Water Flow Rates (GPM)
25	3"	30	379,461 SCFH @ 40 PSIG	980 @ 40psi
			409,558 SCFH @ 45 PSIG	1050 @ 45psi
		36	409,558 SCFH @ 45 PSIG	1050 @ 45psi
35		42	457,740 SCFH @ 52.5 PSIG	1075 @ 52.5psi
25	4"	30	389,482 SCFH @ 40 PSIG	1000 @ 40psi
			432,563 SCFH @ 45 PSIG	1100 @ 45psi
		36	432,563 SCFH @ 45 PSIG	1100 @ 45psi
35		42	496,954 SCFH @ 52.5 PSIG	1150 @ 52.5psi



Tank Truck Service & Sales, Inc. Warren, Michigan
 800-482-2678 www.tanktruckservice.com

Guardian Pressure/Vacuum Valve, ANSI Flanged Connection

The Betts' Guardian™ combination valve is a spring loaded reclosing pressure and vacuum relief device for use on a cargo tank's primary pressure relief and vacuum relief systems. The combination relief valve is designed, tested and marked in accordance with 49CFR §178.345-10, 49CFR §178.347-4 and 49CFR §178.348-4.



- Compact, optimized flow design.
- 316 Stainless Steel construction.
- Teflon seals and wear components.
- Safety Stop Screw to help prevent accidental unthreading of housing.
- Seal tabs on shroud for security measures.
- Simple In-Place Maintenance.
- Available ECTFE (Halar®) coated.
- Multiple sizes and mounting options.
- Multiple seal options.
- Vibration damping vacuum vent.
- 4" and 3" ANSI flanged connections

Seal Kit part number: SK-RVCT*

*Mounting gasket not included in seal kit

Disassembly wrench number : 75819ZC

Part Number	Size and Connection	Weight Lbs. [kg]
RVC3A*-**	3" ANSI FLG.	21.0[9.5]
RVC4A*-**	4" ANSI FLG.	22.4[10.2]

- An example of a part number would be RVC3AT-25. This would have PTFE seals and be used on a 25 MAWP tank.
- Values shown are test values. Actual results may vary due to service conditions.

* Designates Seal Material		
* Code	Material	Temp. range
T	PTFE	-40°F - 400°F [-40°C - 204°C]
F	Fluorosilicone	-50°F - 350°F [-45°C - 176°C]
K	Kalrez	-20°F - 400°F [-28°C - 204°C]
VB	FKM BLT	-15°F - 400°F [-26°C - 204°C]

** Designates Tank MAWP						
**MAWP	Size	Set Pressure (PSIG)	Pressure Flow	Water Flow Rates (GPM)	Set Vacuum (PSIG)	Vacuum Flow
25	3"	30	360,596 SCFH @ 40 PSIG	980 @ 40psi	1.5	12,500 SCFH @ 3.0 PSIG
30		36	409,559 SCFH @ 45 PSIG	1050 @ 45psi		
35		42	457,740 SCFH @ 52.5 PSIG	1075 @ 52.5psi		
25	4"	30	365,828 SCFH @ 40 PSIG	1000 @ 40psi		
30		36	421,629 SCFH @ 45 PSIG	1100 @ 45psi		
35		42	482,967 SCFH @ 52.5 PSIG	1150 @ 52.5psi		



Guardian Pressure/Vacuum Valve, NPS Connection

The Betts' Guardian™ combination valve is a spring loaded reclosing pressure and vacuum relief device for use on a cargo tank's primary pressure relief and vacuum relief systems. The combination relief valve is designed, tested and marked in accordance with 49CFR §178.345-10, 49CFR §178.347-4 and 49CFR §178.348-4.



- Compact, optimized flow design.
- 316 Stainless Steel construction.
- Teflon seals and wear components.
- Safety Stop Screw to help prevent accidental unthreading of housing.
- Seal tabs on shroud for security measures.
- Simple In-Place Maintenance.
- Available ECTFE (Halar®) coated.
- Multiple sizes and mounting options.
- Multiple seal options.
- Vibration damping vacuum vent.

Seal Kit part number: SK-RVCT*

Disassembly wrench number : 75819ZC

Part Number	Size and Connection	Weight Lbs. [kg]
RVC3N*-*	3" NPS	14.9[6.8]
RVC4N*-*	4" NPS	14.5[6.6]

- An example of a part number would be RVC3NT-25. This would have PTFE seals and be used on a 25 MAWP tank.
- Values shown are test values. Actual results may vary due to service conditions.

* Designates Seal Material		
* Code	Material	Temp. range
T	PTFE	-40°F - 400°F [-40°C - 204°C]
F	Fluorosilicone	-50°F - 350°F [-45°C - 176°C]
K	Kalrez	-20°F - 400°F [-28°C - 204°C]
VB	FKM BLT	-15°F - 400°F [-26°C - 204°C]

** Designates Tank MAWP									
**MAWP	Size	Set Pressure (PSIG)	Pressure Flow	Water Flow Rates (GPM)	Set Vacuum (PSIG)	Vacuum Flow			
25	3"	30	360,596 SCFH @ 40 PSIG	980 @ 40psi	1.5	12,500 SCFH @ 3.0 PSIG			
			409,559 SCFH @ 45 PSIG	1050 @ 45psi					
			409,559 SCFH @ 45 PSIG	1050 @ 45psi					
35	3"	42	457,740 SCFH @ 52.5 PSIG	1075 @ 52.5psi					
			25	4"			30	365,828 SCFH @ 40 PSIG	1000 @ 40psi
								421,629 SCFH @ 45 PSIG	1100 @ 45psi
30	4"	36	421,629 SCFH @ 45 PSIG	1100 @ 45psi					
35			4"	42	482,967 SCFH @ 52.5 PSIG	1150 @ 52.5psi			



Tank Truck Service & Sales, Inc. Warren, Michigan
800-482-2678 www.tanktruckservice.com

Guardian Pressure/Vacuum Valve, 4" TTMA Flanged Connection



The Betts' Guardian™ combination valve is a spring loaded reclosing pressure and vacuum relief device for use on a cargo tank's primary pressure relief and vacuum relief systems. The combination relief valve is designed, tested and marked in accordance with 49CFR §178.345-10, 49CFR §178.347-4 and 49CFR §178.348-4.

- Compact, optimized flow design.
- 316 Stainless Steel construction.
- Teflon seals and wear components.
- Safety Stop Screw to help prevent accidental unthreading of housing.
- Seal tabs on shroud for security measures.
- Simple In-Place Maintenance.
- Available ECTFE (Halar®) coated.
- Multiple sizes and mounting options.
- Multiple seal options.
- Vibration damping vacuum vent.
- 4" TTMA flange connection has eight 3/8-16 UNC X .65 deep blind holes.

Seal Kit part number: SK-RVCT*

*Mounting gasket not included in seal kit

Disassembly wrench number : 75819ZC

Part Number	Size and Connection	Weight Lbs. [kg]
RVC4F*-.**	4" TTMA FLG.	18.2[8.3]

- An example of a part number would be RVC4FT-25. This would have PTFE seals and be used on a 25 MAWP tank.
- Values shown are test values. Actual results may vary due to service conditions.

* Designates Seal Material		
* Code	Material	Temp. range
T	PTFE	-40°F - 400°F [-40°C - 204°C]
F	Fluorosilicone	-50°F - 350°F [-45°C - 176°C]
K	Kalrez	-20°F - 400°F [-28°C - 204°C]
VB	FKM BLT	-15°F - 400°F [-26°C - 204°C]

** Designates Tank MAWP						
**MAWP	Size	Set Pressure (PSIG)	Pressure Flow	Water Flow Rates (GPM)	Set Vacuum (PSIG)	Vacuum Flow
25	4"	30	365,828 SCFH @ 40 PSIG	1000 @ 40psi	1.5	12,500 SCFH @ 3.0 PSIG
			421,629 SCFH @ 45 PSIG	1100 @ 45psi		
30		36	421,629 SCFH @ 45 PSIG	1100 @ 45psi		
35		42	482,967 SCFH @ 52.5 PSIG	1150 @ 52.5psi		



Guardian Pressure/Vacuum Valve, Weld Stub Connection



The Betts' Guardian™ combination valve is a spring loaded reclosing pressure and vacuum relief device for use on a cargo tank's primary pressure relief and vacuum relief systems. The combination relief valve is designed, tested and marked in accordance with 49CFR §178.345-10, 49CFR §178.347-4 and 49CFR §178.348-4.

- Compact, optimized flow design.
- 316 Stainless Steel construction.
- Teflon seals and wear components.
- Safety Stop Screw to help prevent accidental unthreading of housing.
- Seal tabs on shroud for security measures.
- Simple In-Place Maintenance.
- Available ECTFE (Halar®) coated.
- Multiple sizes and mounting options.
- Multiple seal options.
- Vibration damping vacuum vent.
- 4" and 3" weld stub connections

Seal Kit part number: SK-RVCT*

Disassembly wrench number : 75819ZC

Part Number	Size and Connection	Weight Lbs. [kg]
RVC3W*-**	3" WELD STUB	15.8[7.1]
RVC4W*-**	4" WELD STUB	16.4[7.4]

- An example of a part number would be RVC3NT-25. This would have PTFE seals and be used on a 25 MAWP tank.
- Values shown are test values. Actual results may vary due to service conditions.

* Designates Seal Material		
* Code	Material	Temp. range
T	PTFE	-40°F - 400°F [-40°C - 204°C]
F	Fluorosilicone	-50°F - 350°F [-45°C - 176°C]
K	Kalrez	-20°F - 400°F [-28°C - 204°C]
VB	FKM BLT	-15°F - 400°F [-26°C - 204°C]

** Designates Tank MAWP						
**MAWP	Size	Set Pressure (PSIG)	Pressure Flow	Water Flow Rates (GPM)	Set Vacuum (PSIG)	Vacuum Flow
25	3"	30	360,596 SCFH @ 40 PSIG	980 @ 40psi	1.5	12,500 SCFH @ 3.0 PSIG
30			409,559 SCFH @ 45 PSIG	1050 @ 45psi		
35			409,559 SCFH @ 45 PSIG	1050 @ 45psi		
25	4"	30	457,740 SCFH @ 52.5 PSIG	1075 @ 52.5psi		
30			365,828 SCFH @ 40 PSIG	1000 @ 40psi		
35			421,629 SCFH @ 45 PSIG	1100 @ 45psi		
35			421,629 SCFH @ 45 PSIG	1100 @ 45psi		
35		42	482,967 SCFH @ 52.5 PSIG	1150 @ 52.5psi		