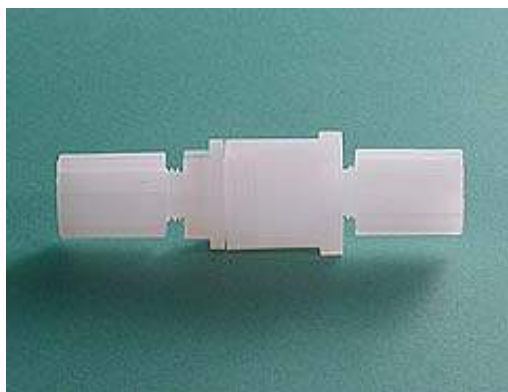


Galtek® Check Valves

1/4" Orifice, O-ring Free Design

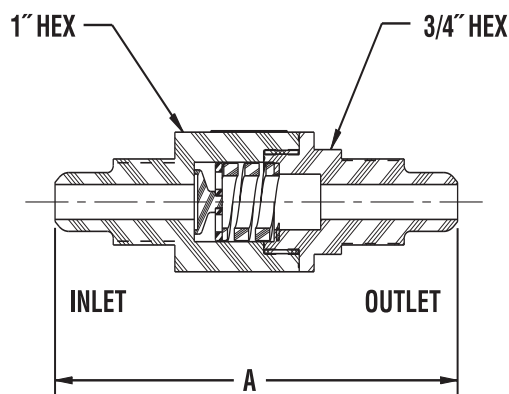


- O-ring free design reduces contamination.
- All wetted parts are molded PFA and PTFE for corrosion resistance.
- No metal parts are used that could corrode or contribute to contamination.
- Poppet design allows for a high flow through rate and maximizes rinsability.

Ordering Information

Part Number	Flow Factor		Inlet	Outlet	Dimension
	C _v	K _v			A
CK4-4N-4N	.75	10.7	1/4" FNPT	1/4" FNPT	2.39" (60.7 mm)
CK4-4MN-4MN	.75	10.7	1/4" MNPT	1/4" MNPT	2.47" (62.7 mm)
CK4-4MN-4N	.75	10.7	1/4" MNPT	1/4" FNPT	2.12" (53.8 mm)
CK4-4N-4MN	.75	10.7	1/4" FNPT	1/4" MNPT	2.47" (62.7 mm)
CK4-4Q-4Q	.75	10.7	1/4" O.D. tube†	1/4" O.D. tube†	2.52" (64.0 mm)
CK4-4Q-4MN	.75	10.7	1/4" O.D. tube†	1/4" MNPT	2.52" (64.0 mm)
CK4-4Q-4N	.75	10.7	1/4" O.D. tube†	1/4" FNPT	2.47" (62.7 mm)
CK4-4N-4Q	.75	10.7	1/4" FNPT	1/4" O.D. tube†	2.47" (62.7 mm)
CK4-4MN-4Q	.75	10.7	1/4" MNPT	1/4" O.D. tube†	2.52" (64.0 mm)
CK4-4MN-6Q	.75	10.7	1/4" MNPT	3/8" O.D. tube†	2.63" (66.8 mm)
CK4-6Q-4N	.75	10.7	3/8" O.D. tube†	1/4" FNPT	2.88" (73.2 mm)
CK4-6Q-4MN	.75	10.7	3/8" O.D. tube†	1/4" MNPT	2.63" (66.8 mm)
CK4-4F-4F	.75	10.7	1/4" Flaretek® fitting	1/4" Flaretek® fitting	3.44" (87.4 mm)
CK4-4P-4P	.75	10.7	1/4" PureBond® fusible pipe	1/4" PureBond® fusible pipe	2.53" (64.3 mm)
CK4-6F-6F	.75	10.7	3/8" Flaretek® fitting	3/8" Flaretek® fitting	3.53" (89.7 mm)

Dimensions



†Tube connection includes Integral Ferrule nuts. Also compatible with Quikgrip® fittings. See page 250 for information.

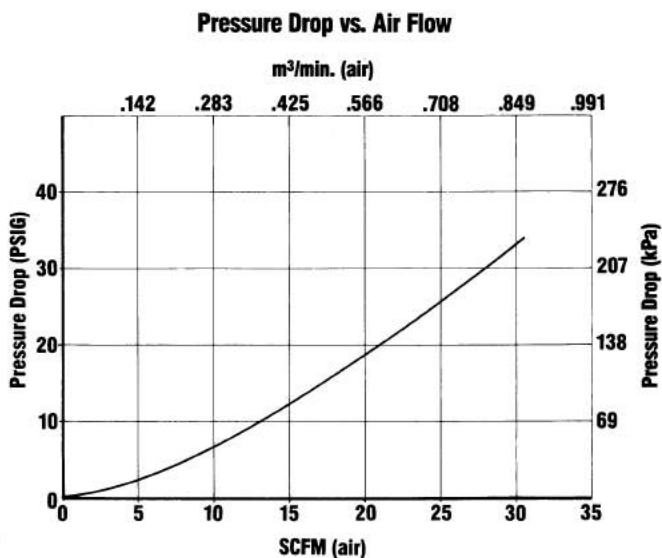
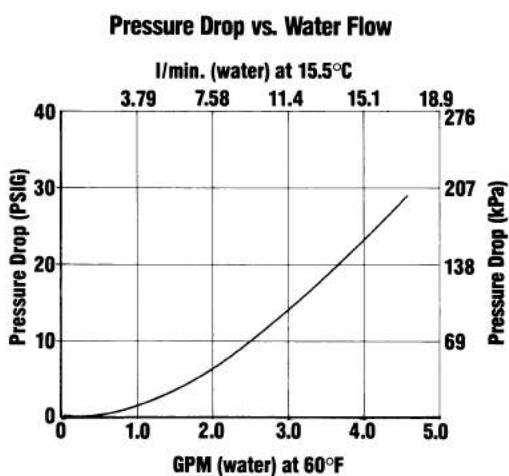
Galtek® Check Valves

1/4" Orifice, O-ring Free Design

Specifications

Pressure range:	125 PSIG (862 kPa) up to 150°F (65°C). To calculate the maximum pressure rating, subtract 1 PSIG (6.9 kPa) from 125 PSIG (862 kPa) for every 2°F (1°C) temperature rise above 150°F (65°C).
Temperature range:	0° to 212°F (-18° to 100°C)
Cracking pressure (opening):	1 PSIG (6.9 kPa) or less.
Sealing pressure (closing):	Minimum 3 PSIG (20.7 kPa) back pressure.
Materials:	All wetted parts, including the spring, are molded PFA and PTFE.

Performance Data



Galtek® Check Valves

1/2" Orifice, O-ring Free Design

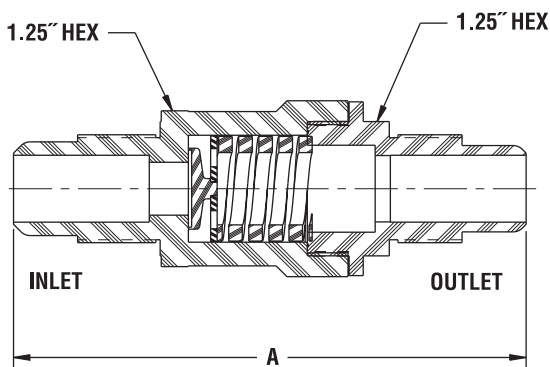


- O-ring free design reduces contamination.
- All wetted parts are molded PFA and PTFE for corrosion resistance.
- No metal parts are used that could corrode or contribute to contamination.
- Poppet design allows for a high flow through rate and maximizes rinsability.

Ordering Information

Part Number	Flow Factor		Port Connection	Dimension
	C _v	K _v		A
CK8-8F-8F	4.0	57.1	1/2" Flaretek® flared tube	4.60" (116.8 mm)
CK8-8N-8N	4.0	57.1	1/2" FNPT	3.32" (84.3 mm)
CK8-12F-12F	4.0	57.1	3/4" Flaretek® flared tube	4.72" (119.9 mm)

Dimensions



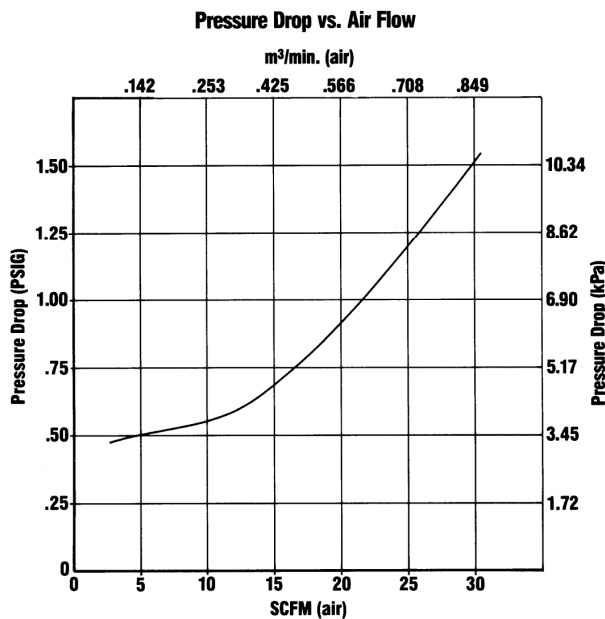
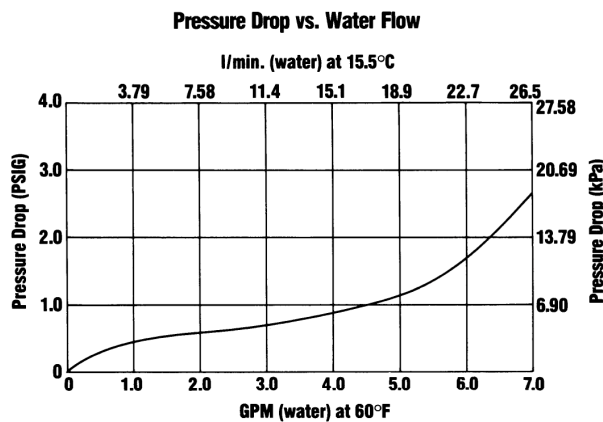
Galtek® Check Valves

1/2" Orifice, O-ring Free Design

Specifications

Pressure range:	100 PSIG (690 kPa) up to 150°F (65°C). To calculate the maximum pressure rating, subtract 1 PSIG (6.9 kPa) from 100 PSIG (690 kPa) for every 2°F (1°C) temperature rise above 150°F (65°C).
Temperature range:	0° to 212°F (-18° to 100°C)
Cracking pressure (opening):	1 PSIG (6.9 kPa) or less
Sealing pressure (closing):	Minimum 3 PSIG (20.7 kPa) back pressure
Materials:	All wetted parts, including the spring, are molded PFA and PTFE.

Performance Data



Galtek® Check Valves

3/4" Orifice, O-ring Free Design, Machined

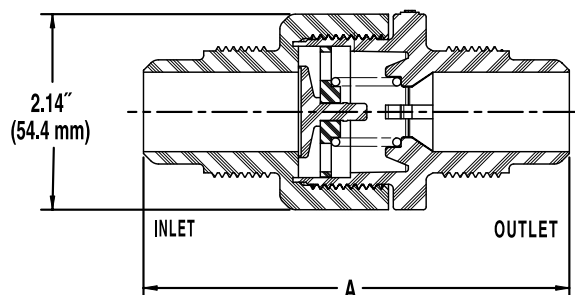


- O-ring free design reduces contamination.
- All wetted parts are molded PFA and PTFE for corrosion resistance.
- No metal parts are used that could corrode or contribute to contamination.
- Poppet design allows for a high flow through rate and maximizes rinsability.

Ordering Information

Part Number	Flow Factor		Port Connection	Dimension
	C _v	K _v		A
CK12-12F-12F-A	6.1	87.1	3/4" Flaretek® flared tube	4.86" (123.4 mm)
CK12-12P-12P-A	9.1	129.9	3/4" PureBond® fusible pipe	3.41" (86.6 mm)
CK12-16F-16F-A	9.1	129.9	1" Flaretek® flared tube	4.67" (118.6 mm)
CK12-16P-16P-A	8.6	122.8	1" PureBond® fusible pipe	3.17" (80.5 mm)

Dimensions



Specifications

Pressure range:	100 PSIG (690 kPa) up to 150°F (65°C).
	To calculate the maximum pressure rating, subtract 1 PSIG (6.9 kPa) from 100 PSIG (690 kPa) for every 1°F (-17°C) temperature rise above 150°F (65°C).
Temperature range:	0° to 212°F (-18° to 100°C)
Cracking pressure (opening):	1 PSIG (6.9 kPa) or less
Sealing pressure (closing):	Minimum 5 PSIG (34.5 kPa) back pressure
Materials:	All wetted parts, including the spring, are molded PFA and PTFE.

Galtek® Check Valves

1" Orifice, O-ring Free Design, Machined

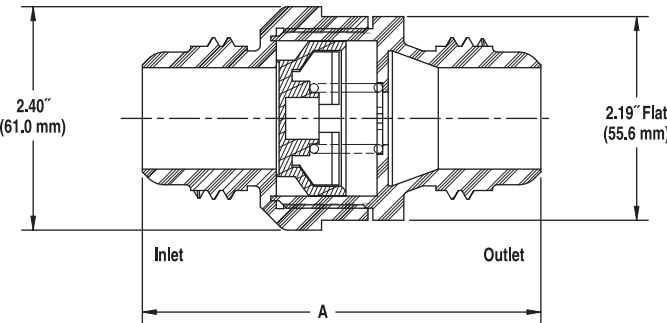


- O-ring free design reduces contamination.
- All wetted parts are PFA and PTFE for corrosion resistance.
- No metal parts are used that could corrode or contribute to contamination.
- Poppet design allows for a high flow through rate and maximizes rinsability.

Ordering Information

Part Number	Flow Factor		Port Connection	Dimension
	C _v	K _v		A
CK16-16F-16F-M	12	171.4	1" Flaretek® flared tube	4.80" (121.9 mm)
CK16-16P-16P-M	16	228.5	1" PureBond® fusible pipe	4.15" (105.4 mm)
CK16-20F-20F-M	16	228.5	1 1/4" Flaretek® flared tube	4.30" (109.2 mm)

Dimensions



Specifications

Pressure range:	100 PSIG (690 kPa) up to 150°F (65°C).
	To calculate the maximum pressure rating, subtract 1 PSIG (6.9 kPa) from 100 PSIG (690 kPa) for every 1°F (0.6°C) temperature rise above 150°F (65°C).
Temperature range:	0° to 212°F (-18° to 100°C)
Cracking pressure (opening):	1 PSIG (6.9 kPa) or less
Sealing pressure (closing):	Minimum 10 PSIG (68.9 kPa) back pressure
Materials:	All wetted parts, including the spring, are molded PFA and PTFE.