



**KODIAK
CONTROLS
INCORPORATED**

Solar Hot Water Freeze Protection Valves

Solar Collector and Exposed Piping Anti-Freeze Solution

Keep your solar collectors and exposed pipes from freezing with the Kodiak solar freeze protection valve.

This Kodiak product contains a thermal actuator that opens the valve when the temperature approaches freezing and re-closes it upon warm up. This is a continuous process of modulation; cold water is discharged and replaced by warmer water preventing panel and piping freeze up.

Our valve has a patented feature which prevents the seizing of the thermal actuator; a common problem among other freeze protection valves offered by our competition.



Product Features

- Discharge Temperature set to 35F and 45F
- Internal Filter Screen
- UV Stabilized body material
- FDA and NSF listed materials
- 100 psi maximum operating pressure
- Complete mechanical operation
- Small size for easy install
- Tamper resistant design
- Corrosion resistant materials
- Non-electric function
- Screen protected anti-insect discharge port
- Anti seize feature ensuring longevity and durability

Freeze Protection Valves

Standard Freeze Protection Functions

Part#: KC4500-00-00 (35F Discharge)

Part#: KC4505-00-00 (35F Discharge)

Part#: KC4500-01-00 (45F Discharge)

Part#: KC4505-01-00 (45F Discharge)

Freeze Protection Valves

w/ Pressure Regulation

For those needing freeze protection and pressure regulation; these valves function as a separate pressure relief valve to eliminate dangerous pressure buildup. (Relief Pressure at 100psi)

Part#: KC4500-00-35F/PR (35F Discharge)

Part#: KC4500-01-45F/PR (45F Discharge)



Freeze Protection
KC4505-00-00
KC4505-01-00



Freeze Protection
KC4500-00-00
KC4500-01-00



Freeze & Pressure Protection
KC4500-00-35F/PR
KC4500-01-45F/PR

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