



# SAFETY DEVICE KITS

## How It Works

The function of a Safety Device Kit is to protect against over-pressure. For safety reasons, excessive over-pressure in any part of the refrigeration system must be avoided.

Two standard kits are available: SDK1 and SDK2

The SDK1 kit is a single safety device assembly. It comprises of a PRV, rupture disc, pressure indicator gauge and a 1/8" NPT rupture disc blanking plug.

The SDK2 is a Dual Safety Device Assembly. It includes two PRVs, two rupture discs, two pressure indicator gauges, two blanking plugs, a three-way valve and a 1/2" NPT pipe nipple.

The High Pressure SDK2X is also available at the lower pressure settings listed below. The kit contains X-Series PRVs and the award-winning 93-Series three-way valve. See the High Pressure Safety Device Kits page for more details.

## Applications

A typical application for a Henry Group Safety Device kit is to protect a liquid receiver from being over-pressured. Refer to the catalogue pages for a description on the function of each individual component. The kits are designed for use with HCFC, HFC, HFO, R290 and CO<sub>2</sub> refrigerants, along with their associated oils.

## Main Features

- All in one sentry kits for total system protection
- CE and UKCA marked
- X models fully ASME UV/UD and EN ISO 4126 certified

## Technical Specification

Refer to the individual product catalogue pages for detailed technical specifications of each item

SDK1, SDK2 and SDK2X available in the following pressure settings (barg): 14.0, 16.2, 17.2, 20.7, 24.1, 24.8, 25.9, 27.6, 31.0



## Materials of Construction

The main components for the SDK kits are made from brass and steel. Refer to individual catalogue pages for details on each component.

## Selection Data

Selection of relief devices should be as outlined in respective catalogue pages. Ensure that relief valve selection guidance is followed prior to ordering of kits. For further information refer to the online PRV selection tool.

Part No	Relief Valve		Rupture Disc		Indicator Gauge/Plug		Three-Way Valve		MWP	Temp (°C)
	Part No	Qty	Part No	Qty	Part No	Qty	Part No	Qty		
SDK1-xx.x BAR	5231B	1	5526	1	G16/A0624	1	N/A	-	31 barg	-40° to +107°C
SDK2-xx.x BAR	5231B	2	5526	2	G16/A0624	2	925	1	31 barg	-40° to +107°C
SDK2X-xx.x BAR	5231BX	2	5526	2	G16/A0624	2	925	1	46 barg	-40° to +120°C