## MAKEEN ENERGY

### MAKEEN Gas Equipment

## SafeSwap

Every seasoned engineer has their own story about a valve exchange that went wrong. Sometimes it's due to human error – sometimes it's just bad luck. The SafeSwap is an easy and reliable safeguard against both.

Most pressure relief valves are attached to check devices that shut off the flow of gas when the valve is removed. This allows the valves to be changed without the need to empty the tank – a very useful thing indeed. The problem is that check devices aren't perfect. They can fail and put the operator at serious risk of injury if they accidentally unscrew the valve too far.

All pressure relief valves have a vent hole or bleed hole that allows the operator to check if the check device has sealed the flow properly. Unfortunately, it is sometimes almost impossible to see when you are working in limited space, as is the case with most underground tanks.

#### Get it right every time

By fitting the SafeSwap over the valve and check device, you make it impossible to unscrew the valve too far. The SafeSwap will automatically block the valve at the perfect time, when the vent hole is just visible. At this point, if there is no leaking gas, you can rest assured that it is safe to remove the valve. If it still leaks, you must retighten the valve and drain the tank before you can proceed.

#### All sizes available

The SafeSwap can be purchased for all commonly used valve and check device combinations. Be aware, however, that different valve sizes require different sizes of SafeSwap. The engraving on the SafeSwap indicates which valve it will fit – if the two don't match, the SafeSwap does not have any safety-enhancing effect.

Before using the SafeSwap, we advise that you use the MAKEEN Gas Equipment relief valve cracking tool to loosen the valve safely.



#### Item No. Description

906700 906701	25/10 * 25/10 short *
906702	70mm SafeSwap collar
906703	RS3132 with CD32 **
906704	
906705	
906706	25/12 with 535-1/2/3 & 545/1 ***
906707	71052 **
906708	80mm SafeSwap collar
906709	90mm SafeSwap collar
906710	25/12 with 535 ***
906712	EPW3132 with EP520 **
906713	VS367 with Omeca & SRG **
906714	EP3131 with EP520 ****
906715	62mm SafeSwap collar
906721	25/12 (Narrow flats) with M45 SRG 485 PS25
906722	25/12 (Wide flats) with M45 SRG 485 PS25
906847	25/11 **
906848	25/11 short **
906849	RS3131 with CD31 ****
906850	EU20 with ST20 ****
906851	RS3135 with CD35 & RS3145 with CD45E
906852	Eurovalve except CD36E **
906853	Eurovalve with CD36E **
910287	Safeswap set – Calor valves
910288	Safeswap set – Euro valves

\* Use with 70mm collar \*\*\* Use with 80mm collar \*\*\*\* Use with 90mm collar \*\*\*\* Use with 62mm collar



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