

SENTINEL SAFETY-Z

Quick Release Connectors



Quick Releasing, Reverse Flow Prevention Valves

The Sentinel Safety-Z uses a unique reverse disconnect feature that will not come apart with a straight pull. This feature prevents accidental release of the coupler even when pulled over the edges of steel plates. The Sentinel Safety-Z is designed for heavy use such as Ship Building, Steel Service Centers, Construction, Metal Fabrication, Schools and Demolition

Features & Benefits

- **Excellent Reverse - Flow Prevention**
High quality reverse - flow valve helps to prevent the possibility of gases mixing; when a backfire occurs it shuts off pressure to the torch
- **Reverse Disconnect**
Prevents coupler from accidentally releasing. Will not come apart with a straight pull as required by OSHA Standard No. 1915.55 (F) (5)
- **Safer Plugs and Sockets**
Each connector is color coded for quick connections to oxygen and fuel lines, while the specially designed fittings prevent reversing the gas lines during set up
- **Three Models**
Torch to hose, regulator to hose and hose to hose
- **Chrome Plated Finish**
Durable chrome plating provides corrosion resistance and ensures smooth coupling
- **Tight Sealing**
Two unique seal packings provided between plug and socket assures tight sealing
- **UL Listed**



KOIKE ARONSON, INC.

Specifications

SentinelZ-1000-1105



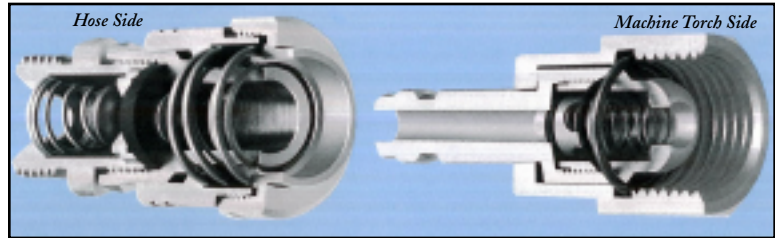
SENTINEL SAFETY-Z
Quick Release Connectors-

SPECIFICATIONS

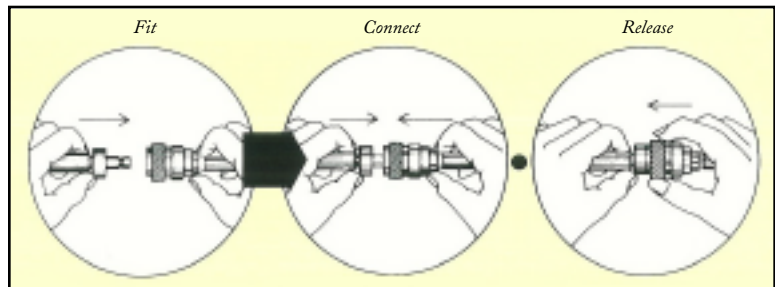
Maximum Working Pressure Oxygen Fuel	142 lb/in ² (9.8 bar) 28 lb/in ² (1.9 bar)
Check Valve Working Pressure	0.2 lbs/in ² (0.014 bar)
Endurance Test	30,000 cycles

MODELS

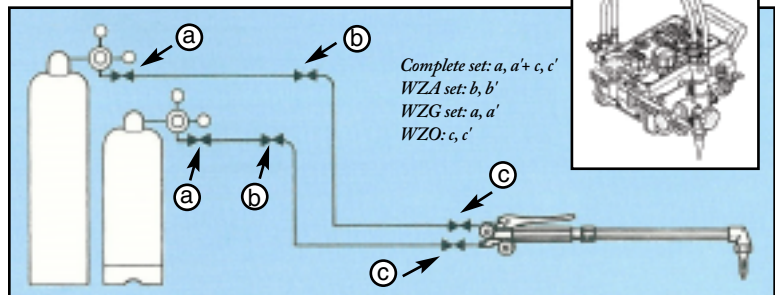
Description	Part #
Z-Pack Safety Z Set Complete (WZO and WZG set)	ZA323-2000
WZO Double Pack ZOSP 1 & ZOSP 2 (torch to hose set)	ZA323-2260
WZG Double Pack ZGSP 1 & ZGSP 2 (regulator to hose set)	ZA323-2220
WZA Double Pack ZASP 1 & ZASP 2 (hose to hose set)	ZA323-2240
ZGSP 1 #7 Socket & #13 Plug (regulator to hose oxy set)	ZA323-2020
ZGSP 2 #8 Socket & #14 Plug (regulator to hose fuel set)	ZA323-2040
ZOSP 1 #1 Socket & #18 Plug (torch to hose oxy set)	ZA323-2060
ZOSP 2 #2 Socket & #19 Plug (torch to hose fuel set)	ZA323-2080
ZASP 1 #1 Socket & #13 Plug (hose to hose oxy set)	ZA323-2030
ZASP 2 #2 Socket & #14 Plug (hose to hose fuel set)	ZA323-2050
AS 1 #1 Socket (hose side oxy socket only)	ZA323-2061
AS 2 #2 Socket (hose side fuel socket only)	ZA323-2081
GS 1 #7 Socket (regulator side oxy socket only)	ZA323-2021
GS 2 #8 Socket (regulator side fuel socket only)	ZA323-2041
ZAP 1 #13 Plug (hose side oxy plug only)	ZA323-2022
ZAP 2 #14 Plug (hose side fuel plug only)	ZA323-2042
ZOP 1 #18 Plug (torch side oxy plug only)	ZA323-2062
ZOP 2 #19 Plug (torch side fuel plug only)	ZA323-2082
AS 1L #1 Locking Socket (hose side oxy socket only)	ZA323-2161
AS 2L #2 Locking Socket (hose side fuel socket only)	ZA323-2181



The high quality reverse - flow valve helps to prevent the possibility of gases mixing. When a backfire occurs it shuts off pressure to the torch.



The Sentinel Safety-Z® releases the connector using a unique reverse disconnect. This safety feature helps to prevent accidental release of the coupler.



For Oxygen		For Fuel Gas	
Socket for Regulator	Socket for Connecting Hose	Socket for Regulator	Socket for Connecting Hose
GS-1	AS-1	GS-2	AS-2
Thread Size: US9/16-18UNF (R.H.T)	Thread Size: US9/16-18UNF (R.H.T)	Thread Size: US9/16-18UNF (L.H.T)	Thread Size: US9/16-18UNF (L.H.T)
Plug for Connecting Hose	Plug for Machine or Torch	Plug for Connecting Hose	Plug for Machine or Torch
ZAP-1	ZOP-1	ZAP-2	ZOP-2
Thread Size: US9/16-18UNF (R.H.T)	Thread Size: US9/16-18UNF (R.H.T)	Thread Size: US9/16-18UNF (L.H.T)	Thread Size: US9/16-18UNF (L.H.T)

Note: This product is in compliance with OSHA Standard No. 1915.55 (F) (5)



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