

YU831DI

Unloader Valve

A trapped pressure multi-port unloader with a built-in downstream chemical injector.



General Pump recommends using a safety relief device in conjunction with this unloader valve when installed on a positive displacement pump. General Pump is not liable and assumes no responsibility for this valve when used in a customer's high pressure system.

SPECIFICATIONS

Part Number:	YU831DI
Volume	2.6 to 4.0 GPM
Maximum Discharge Pressure	3150 PSI
Maximum Temperature	195° F
Port Sizes: Outlet	3/8" NPT-M
Inlet & Bypass	3/8" NPT-F
Dimensions	6.4" x 4.3" x 2"
Weight	2 lbs.
Materials	Brass, Stainless Steel, Buna-N

PARTS LIST

No.	Part Number	Description	Repair Kit	Qty.
*	YKITU831	REPAIR KIT		
1.	Y60003031	Inlet Fitting		1
2.	Y10306800	O-Ring	*	3
3.	Y60001551	Ball Spring		1
4.	Y14744310	S.S. Ball	*	1
5.	Y10305901	O-Ring	*	1
6.	Y30001151	Seat	*	1
7.	Y60002135	Valve Housing		1
8.	Y60002531	Plug		2
9.	Y10402100	Back Ring	*	2
10.	Y10317500	O-Ring	*	1
11.	Y60006123	Piston Rod		1
12.	Y10317000	O-Ring	*	1
13.	Y10402000	Back Ring	*	1
14.	Y60006431	Piston Housing		1
15.	Y15102100	Pin		1
16.	Y60003361	Blue Spring		1
	Y60001261	White Spring		1
17.	Y60001131	Spring Guide		1
18.	Y11457400	Nut		2
19.	Y10321300	O-Ring	*	1
20.	Y60001731	Check Valve		1
21.	Y60001851	Spring		1
22.	Y21000451	Nozzle - 2.1mm Dia (.083 in.)		1
23.	Y21020231	Injector Body		1
24.	Y21016051	Ball Spring		1
25.	Y14742001	Ball		1
26.	Y10304900	O-Ring		1
27.	Y21016131	Nipple		1
28.	Y21015851	Spring		1
29.	Y10304301	O-Ring		1
30.	Y21015531	Adjustable Hose Barb		1
31.	Y21016551	Snap Ring		1
32.	Y21010231	Hand Wheel		1

