



Model Number: YVB4021B  
General Pump YVB4021B, Unloader, 4500 psi 21gpm GTIN: N/A

Manufacturer: General Pump

YVB4021B  
TRAPPED PRESSURE TRAPPED  
GENERAL PUMP A member of the Interpump Group

**SPECIFICATIONS**

Pressure Trapping Unloader	
Part Number . . . . .	YVB4021B
Maximum Temperature.....	195.0 F1
Max. Volume.....	21.0 GPM
Rated Pressure . . . . .	4050 PSI
Minimum Adjustable Pressure.....	400 PSI
Maximum Discharge Pressure.....	4500 PSI
Pressure Drop to Reset Bypass.....	32%2
Port Sizes: Inlet.....	1/2" NPT-F
Outlet . . . . .	1/2" NPT-F
Bypass . . . . .	1/2" NPT-F
Overall Dimensions . . . . .	6.5" x 4.0" x 1.77"
Weight . . . . .	2.5 lbs.
Materials . . . . .	Brass Body, Stainless Steel

1 This unloader has been designed to operate at a continuous water temperature of 1400F. It can be operated for short periods at a maximum temperature of 1950F. 2 This is the pressure reduction necessary in comparison to the set up, in order that the valve brings back pressure in the circuit (% figures of the pressure set up).

8  
General Pump  
is a member of  
the Interpump Group

**FEATURES**

- Suitable for use with multiple guns at the same time
- Dynamic seals made up of O-rings and teflon runner
- Optimized internal passages that guarantee reduced pressure loss
- No risk of fittings being ejected in case of overpressure because o-rings are positioned upstream to the threads
- 1/4" NPT fitting for pressure gauge

**INSTRUCTIONS**

GENERAL PUMP A member of the Interpump Group  
YVB4021B

Pressure Trapping Unloader

**SELECTION**

This product is to be used with clean water which can contain the addition of normal detergents. For use involving different or corrosive liquids, contact the General Pump Customer Service Department.

Appropriate filtration should be installed when using water that may contain any sort of debris. Choose the valve appropriate for the system rated pressure, maximum flow rate and maximum temperature. In any case, the pressure of the machine should not exceed the permissible pressure rate imprinted on the valve.

#### INSTALLATION

On a system that produces hot water, this accessory must be fitted upstream of the heat generator. On a system that generates hot water, it is advisable to fit in accessories that limit the accidental increase of fluid temperature.

#### ALWAYS INSTALL A SAFETY VALVE

It is recommended to use a nozzle with a size that, at gun opened, allows to discharge from the valve bypass at least 5% of the flow supplied by the pump in order to obtain a constant pressure value, and an easy adjustment and to avoid troublesome pressure spikes at gun closure.

If the nozzle wears out, the working pressure decreases. To reset the pressure back to work level, it is necessary to replace the worn nozzle. When a new nozzle is fitted, re-setting of the system to its original working pressure is necessary

This part number does NOT have a UPC code.

Factory Brochure

---

Availability: This product was added to our catalog on Wednesday 16 April, 2014