

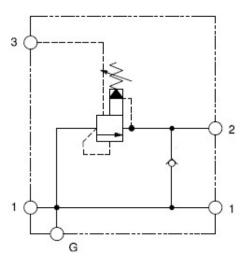
MODEL YVEB

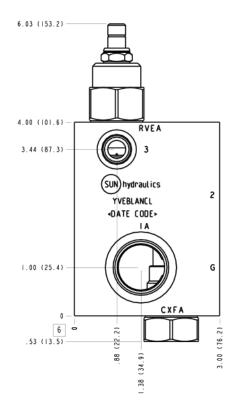
Vented relief assembly with reverse flow check

**CAPACITY: 30 gpm** 



sunhydraulics.com/model/YVEB





This assembly provides 2 functions. It relieves pressure from (port 1) to tank (port 2) when pressure at port 1 exceeds the setting of the valve. The external port 3 allows the valve to be vented by an external 2-way, 2-postion valve allowing the valve to drop the pressure setting to a minimal level. The external valve could be either normally open meaning the pressure is at a low level until the valve is closed or normally closed meaning the pressure is at high level until the valve is open. The check valve allows reverse flow from port 2 to port 1.

**TECHNICAL DATA** NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Body Type	Line mount

**NOTES:** • *Important:* Carefully consider the maximum system pressure. The pressure rating of the manifold is dependent on the manifold material, with the port type/size a secondary consideration. Manifolds constructed of aluminum are not rated for pressures higher than 3000 psi (210 bar), regardless of the port type/size specified.

• For detailed information regarding the cartridges contained in this assembly, click on the models codes shown in the Included Components tab.

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## **CONFIGURATION OPTIONS**

## Model Code Example: YVEBLANCL

CONTROL (L) ADJUSTMENT RANGE (A) SEAL MATERIAL (N)

L	Standard Screw Adjustment	Α	100 - 3000 psi (7 - 210 bar), 1000 psi (70 bar) Standard Setting	N	Buna-N
C K W Y	Tamper Resistant - Factory Set Handknob Hex Wrench Adjustment Tri-Grip Handknob	B C D	50 - 1500 psi (3,5 - 105 bar), 1000 psi (70 bar) Standard Setting 150 - 6000 psi (10,5 - 420 bar), 1000 psi (70 bar) Standard Setting 25 - 800 psi (1,7 - 55 bar), 400 psi (28 bar)	V	Viton
		E	Standard Setting 25 - 400 psi (1,7 - 28 bar), 200 psi (14 bar) Standard Setting		
		N	60 - 800 psi (4 - 55 bar), 400 psi (28 bar) Standard Setting		
		Q	60 - 400 psi (4 - 28 bar), 200 psi (14 bar) Standard Setting		
	,	W	150 - 4500 psi (10,5 - 315 bar), 1000 psi (70 bar) Standard Setting		

PRIMARY CARTRIDGE (C)

С	30 psi (2 bar) (with RVEA primary cartridge, Ventable, pilot-operated, balanced piston relief valve)
Α	4 psi (0,3 bar) (with RVEA primary cartridge, Ventable, pilot-operated, balanced piston relief valve)
В	15 psi (1 bar) (with RVEA primary cartridge, Ventable, pilot-operated, balanced piston relief valve)
D	50 psi (3,5 bar) (with RVEA primary cartridge, Ventable, pilot-operated, balanced piston relief valve)
E	75 psi (5 bar) (with RVEA primary cartridge, Ventable, pilot-operated, balanced piston relief valve)
F	100 psi (7 bar) (with RVEA primary cartridge, Ventable, pilot-operated, balanced piston relief valve)
Z	1 psi (0,07 bar) (with RVEA primary cartridge, Ventable, pilot-operated, balanced piston relief valve)

## **INCLUDED COMPONENTS**

Part	Description	Quantity
CXFAXCN	Cartridge	1
RVEALAN	Cartridge - Primary	1

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