



Relief assembly with reverse flow check

**CAPACITY: 50 gpm** 

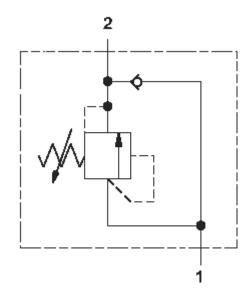


sunhydraulics.com/model/YCFC

This assembly provides 2 functions. It relieves pressure from (port 1) to (port 2) when pressure at port 1 exceeds the setting of the valve and incorporates a check valve that allows reverse flow from port 2 to port 1.

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

Body Type	Line mount
Mounting Hole Diameter	.28 in.
Mounting Hole Depth	Through
Mounting Hole Quantity	2



**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: YCFCLANC**

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

L	Standard Screw Adjustment Tamper Resistant - Factory Set	Α	100 - 3000 psi (7 - 210 bar), 1000 psi (70 bar) Standard Setting	N V	Buna-N Viton
C K	Handknob  Hex Wrench Adjustment  Tri-Grip Handknob  C	В	50 - 1500 psi (3,5 - 105 bar), 1000 psi (70 bar) Standard Setting	V	VILOTI
W Y		С	150 - 6000 psi (10,5 - 420 bar), 1000 psi (70 bar) Standard Setting		
		D	25 - 800 psi (1,7 - 55 bar), 400 psi (28 bar) Standard Setting		
		E	25 - 400 psi (1,7 - 28 bar), 200 psi (14 bar) Standard Setting		
	N	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 RPGC primary cartridge, Pilot-operated, balanced piston relief valve)
В	15 psi (1 bar) (with RPGC primary cartridge, Pilot-operated, balanced piston relief valve)
D	50 psi (3,5 bar) (with RPGC primary cartridge, Pilot-operated, balanced piston relief valve)
E	75 psi (5 bar) (with RPGC primary cartridge, Pilot-operated, balanced piston relief valve)
F	100 psi (7 bar) (with RPGC primary cartridge, Pilot-operated, balanced piston relief valve)
Z	1 psi (0,07 bar) (with RPGC primary cartridge, Pilot-operated, balanced piston relief valve)
Α	4 psi (0,3 bar) (with RPGC primary cartridge, Pilot-operated, balanced piston relief valve)
Α	4 psi (0,3 bar) (with RPGC3 primary cartridge, Non-adjustable pilot-operated, balanced piston relief valve)
Z	1 psi (0,07 bar) (with RPGC8 primary cartridge, Pilot-operated, balanced piston relief main stage with integral T-8A control cavity)
F	100 psi (7 bar) (with RPGC8 primary cartridge, Pilot-operated, balanced piston relief main stage with integral T-8A control cavity)
E	75 psi (5 bar) (with RPGC8 primary cartridge, Pilot-operated, balanced piston relief main stage with integral T-8A control cavity)
F	100 psi (7 bar) (with RPGC3 primary cartridge, Non-adjustable pilot-operated, balanced piston relief valve)
D	50 psi (3,5 bar) (with RPGC3 primary cartridge, Non-adjustable pilot-operated, balanced piston relief valve)
Α	4 psi (0,3 bar) (with RPGC8 primary cartridge, Pilot-operated, balanced piston relief main stage with integral T-8A control cavity)
В	15 psi (1 bar) (with RPGC3 primary cartridge, Non-adjustable pilot-operated, balanced piston relief valve)
С	30 psi (2 bar) (with RPGC3 primary cartridge, Non-adjustable pilot-operated, balanced piston relief valve)
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E	75 psi (5 bar) (with RPGC3 primary cartridge, Non-adjustable pilot-operated, balanced piston relief valve)
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