



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
Capacity	50 gpm
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.

**OPTION SELECTION EXAMPLE: YCFCLANC**

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

**PRIMARY CARTRIDGE (C)**

<b>C</b>	30 psi (2 bar) (with RPGC primary cartridge, Pilot-operated, balanced piston relief valve)
<b>B</b>	15 psi (1 bar) (with RPGC primary cartridge, Pilot-operated, balanced piston relief valve)
<b>D</b>	50 psi (3,5 bar) (with RPGC primary cartridge, Pilot-operated, balanced piston relief valve)
<b>E</b>	75 psi (5 bar) (with RPGC primary cartridge, Pilot-operated, balanced piston relief valve)
<b>F</b>	100 psi (7 bar) (with RPGC primary cartridge, Pilot-operated, balanced piston relief valve)
<b>Z</b>	1 psi (0,07 bar) (with RPGC primary cartridge, Pilot-operated, balanced piston relief valve)
<b>A</b>	4 psi (0,3 bar) (with RPGC primary cartridge, Pilot-operated, balanced piston relief valve)
<b>A</b>	4 psi (0,3 bar) (with RPGC3 primary cartridge, Non-adjustable pilot-operated, balanced piston relief valve)
<b>Z</b>	1 psi (0,07 bar) (with RPGC8 primary cartridge, Pilot-operated, balanced piston relief main stage with integral T-8A control cavity)
<b>F</b>	100 psi (7 bar) (with RPGC8 primary cartridge, Pilot-operated, balanced piston relief main stage with integral T-8A control cavity)
<b>E</b>	75 psi (5 bar) (with RPGC8 primary cartridge, Pilot-operated, balanced piston relief main stage with integral T-8A control cavity)
<b>F</b>	100 psi (7 bar) (with RPGC3 primary cartridge, Non-adjustable pilot-operated, balanced piston relief valve)
<b>D</b>	50 psi (3,5 bar) (with RPGC3 primary cartridge, Non-adjustable pilot-operated, balanced piston relief valve)
<b>A</b>	4 psi (0,3 bar) (with RPGC8 primary cartridge, Pilot-operated, balanced piston relief main stage with integral T-8A control cavity)
<b>B</b>	15 psi (1 bar) (with RPGC3 primary cartridge, Non-adjustable pilot-operated, balanced piston relief valve)
<b>C</b>	30 psi (2 bar) (with RPGC3 primary cartridge, Non-adjustable pilot-operated, balanced piston relief valve)
<b>B</b>	15 psi (1 bar) (with RPGC8 primary cartridge, Pilot-operated, balanced piston relief main stage with integral T-8A control cavity)
<b>E</b>	75 psi (5 bar) (with RPGC3 primary cartridge, Non-adjustable pilot-operated, balanced piston relief valve)
<b>C</b>	30 psi (2 bar) (with RPGC8 primary cartridge, Pilot-operated, balanced piston relief main stage with integral T-8A control cavity)
<b>Z</b>	1 psi (0,07 bar) (with RPGC3 primary cartridge, Non-adjustable pilot-operated, balanced piston relief valve)
<b>D</b>	50 psi (3,5 bar) (with RPGC8 primary cartridge, Pilot-operated, balanced piston relief main stage with integral T-8A control cavity)