



This assembly consists of a bypass/restrictive, fixed-orifice, priority flow control which takes an input flow at port A (in) and uses it to satisfy the priority flow at port A (out). If the input flow exceeds the priority flow requirement, the excess is bypassed out port T. The reverse flow check provides unrestricted flow out of port A.

Flow Control, Priority Flow On A, Bypass to T,
Reverse Free Flow Check

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

Body Type	Sandwich
Interface	ISO 05 - X&Y
Capacity	30 gpm
Body Features	Meter in A
Control Flow Range	0 - 12 gpm
Seal Plate Included (see notes)	Yes
Stack Height	2.49 in.

- NOTES:**
- Stack height value in technical data table includes seal retainer plate.
 - This installation requires a seal retainer plate and seal kit which are purchased separately. See "Related Accessories" section.
 - For detailed information regarding the cartridges contained in this assembly, click on the models codes shown in the Included Components tab.
 - **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.

OPTION SELECTION EXAMPLE: YFEXXANB

CONTROL		(X) SETTING RANGE	(A) SEAL MATERIAL	(N)	
X	Not Adjustable	A	Replaceable Orifice .1 - 12 gpm (0,4 - 45 L/min.)	N	Buna-N
C	Tamper Resistant - Factory Set	B	Permanent Orifice .1 - 12 gpm (0,4 - 45 L/min.)	V	Viton
K	Handknob	I	Incomplete (no orifice) 17 gpm (64 L/min.)		
L	Tuning Adjustment				
PRIMARY CARTRIDGE				(B)	
B	B (with FRDA primary cartridge, Fixed-orifice, bypass/restrictive, priority, flow control valve)				

TECHNICAL FEATURES

- The sharp-edged orifice design minimizes flow variations due to viscosity changes.
- The tuneable control option provides +/- 25% variation from the nominal factory pre-set flow. Turn the adjustment clockwise to increase.
- Customer must specify a flow rating. Factory set flow ratings are within +/- 10% of the requested setting.
- Both priority and bypass flow are usable up to the system operating pressure.
- Bypass flow is not available until priority flow requirements are satisfied.
- Maximum pressure at the priority port should be limited to 3000 psi (210 bar).