



Air-controlled, pilot-operated, balanced piston sequence valves use compressed air over a diaphragm instead of an adjustable spring to control the pressure setting of the valve. The air signal is supplied through a port in the hex-end of the cartridge. They will supply a secondary circuit with flow once the pressure at the inlet (port 1) has exceeded the valve setting. The pressure setting of a sequence valve controls the pressure at port 1 relative to the pressure at the drain (port 3). These valves are insensitive to back pressure at port 2 (sequence), up to the valve setting. They may be used to regulate pressure in place of 2-port relief valves if there is pressure in the return line.

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

Maximum Operating Pressure	2000 psi
Pilot Ratio	20:1
Factory Pressure Settings Established at	4 gpm
Maximum Air Pressure	150 psi
Maximum Valve Leakage at 110 SUS (24 cSt)	3 in ³ /min.
Response Time - Typical	10 ms
Seal kit - Cartridge	Buna: 990-202-007
Seal kit - Cartridge	Polyurethane: 990-002-002
Seal kit - Cartridge	Viton: 990-202-006

CONFIGURATION OPTIONS

Model Code Example: **RSFEABN**

CONTROL

(A) ADJUSTMENT RANGE

(B) SEAL MATERIAL

(N)

A External 1/4 NPTF Port

B 50 - 1500 psi (3,5 - 105 bar)

N Buna-N

V Viton