

NPT & Hose Size	Cut off Flow Rate (@ 90 PSI)	Item Code
1/4"	23-29	L2
3/8"	30-36	L3
3/8"	29-47	M3
3/8"	52-65	S3
1/2"	70-78	M4
1/2"	80-96	S4
3/4"	72-88	L6
3/4"	92-108	M6
3/4"	112-128	R6
3/4"	132-148	J6
3/4"	160-180	S6
3/4"	180-200	H6
1"	165-195	L8
1"	220-260	M8
1"	280-320	S8
1"	310-340	H8

NPT & Hose Size	Cut off Flow Rate (@ 90 PSI)	Item Code
1-1/4"	260-290	L10
1-1/4"	300-340	M10
1-1/4"	440-500	S10
1-1/4"	570-630	H10
1-1/2"	300-360	L12
1-1/2"	470-530	M12
1-1/2"	564-602	X12
1-1/2"	640-720	S12
1-1/2"	750-830	H12
2"	510-590	L16
2"	725-825	M16
2"	900-1050	S16
2"	1100-1200	H16
3"	1200-1400	L24
3"	2400-2700	S24
3"	2850-3050	H24

- To avoid accidental cut offs during normal use, select a valve that has 110% of the maximum anticipated air flow that the tool will draw.
- To assure that the valve shuts off properly in a failure event, the maximum SCFM of the supply side airline must be greater than the cut off rating of the valve. (the air system must be capable of putting out a greater air flow than the valve is designed for, and the tool will draw).
- When installing on a manifold or receiving tank, the SCFM rating may differ from the valve selected for the supply line from the compressor to the tank.

The cut off ratings listed above are at 90 PSI. Use the following chart to determine cut of rates at varying operating PSI values:

Inlet Pressure (PSI)	25	50	75	100	125
Flow Rate Multiplier	0.62	0.79	0.93	1.05	1.16

Operating info:

- Close off air flow while compressor or receiver tank fills to avoid shut off during pressurization.
- Open air flow valve very slowly to allow air to pressurize through the valve and hose line.
- Leave air flow valve fully open, throttling or closing off the valve will reduce SCFM.
- Contact us if the tool is extended beyond 100 feet from the air source or receiver tank, a second valve may be necessary within this line.