

## Flow Rates - Champion Quick-Lock Tubing

Tube Internal Diameter mm (in.)	CFM @ 125 psig	CFM @ 150 psig	CFM @175 psig	CFM @220 psig
20 (0.75")	36	39	42	48
25 (1.00")	76	81	88	99
32 (1.25")	146	158	171	189
40 (1.50")	266	291	310	348

Flow rates are based on a 1 psi pressure drop per 100 ft run of tube and couplings in a "straight line". For loop systems, flow rates can be doubled.

## Air Compressor to Tube Size Selection Chart

Compressor HP	Tube Diameter mm (in.)	Typical Compressor Flow CFM @ 125 psig
3	20 (0.75")	14
5	20 (0.75")	21
7.5	20 (0.75")	34
10	25 (1.00")	44
15	25 (1.00")	66
20	32 (1.25")	88
25	32 (1.25")	112
30	32 (1.25")	132
40	40 (1.50")	168
50	40 (1.50")	220

The above flows are approximate and the tube size selection allows for a 15% expansion factor.