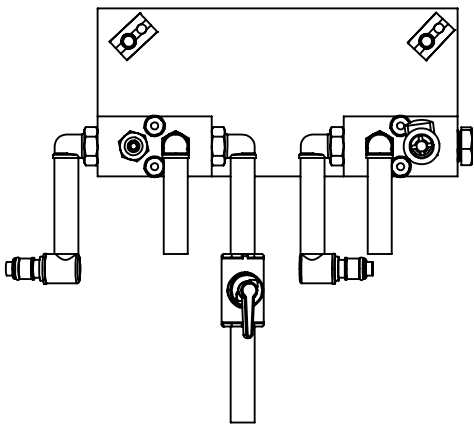


ITEM NO.	DESCRIPTION	PartNo	Size	Default/ QTY.
1	Polycarbonate sheet	2020-04-22 Manifold plate	7.50" x 3.50" x .13"	1
2	Polypropylene Manifold	McMaster-Carr 5364K212	3/8" NPT Inlet, 1/4" NPT Outlet	2
3	Drop-in Nut with Spring Ball	McMaster-Carr #47065T327	1-1/2" Rail Size, 5-16-18	2
4	Brass Pan Head Screw, 10-24	McMaster-Carr #94070A251	1.50"	4
5	Nylon Lock Nut	McMaster-Carr #94909A011	10-24	4
6	Barbed 90° Elbow Nylon Tight-Seal	McMaster-Carr #2974K162	3/8" Tube ID, 3/8" NPT	3
7	Barbed 90° Elbow Nylon Tight-Seal	McMaster-Carr #2974K161	3/8" Tube ID, 1/4" NPT	2
8	Barbed Nylon Tight-Seal	McMaster-Carr #2974K127	1/4" Tube ID, 1/4" NPT	1
9	Quick-Disconnect Coupling	McMaster-Carr #5923K23	1/4" NPT	1
10	Nylon Threaded Plug	McMaster-Carr #48335K153	3/8" NPT	1
11	Tygon tubing	McMaster-Carr #6516T26	3/8" ID, 1/2" OD	6
12	Tygon tubing	McMaster-Carr #6516T21	1/4" ID, 3/8" OD	1
13	Miniature PVC Ball Valve	McMaster-Carr #4757K18	3/8" tube ID	1
14	Quick-Disconnect Tube Coupling, w/ Valve	McMaster-Carr #5923K84	3/8" tube ID	2



ASSEMBLED VIEW
SCALE 1:4



PLATE DETAIL
SCALE 1:4

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DRAWN	RM	22 APR 2020	TITLE:	
CHECKED			2020-04-22 Manifold plate Asm	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: $\pm 1/64"$ ANGULAR: $\pm 1^\circ$ TWO PLACE DECIMAL: ± 0.063 THREE PLACE DECIMAL: ± 0.003 FOUR PLACE DECIMAL: ± 0.001			MATERIAL	REV: A

QTY: 1		SCALE: 1:1.5	SHEET 1 OF 1	