

# Parts List

Mar-21

## Motel O'Scope - 26" x 50" Kit

Item Description	Qty.	Manufacturer	Manufacturer	Source	Source	Notes
Plate A - 12" x 4" - 10 Hole	4	Dan's Pier Top Plates		<a href="http://www.pierplates.com">www.pierplates.com</a>		This is the set of custom machined joining plates that form the core of the base of Motel o'Scope
Plate B - 4" x 6" - 10 Hole	4					
Plate C - 4" x 7" - 5 Hole	4					
Plate D - 4" x 6" - 8 Hole	4					
T-Slot - 1" x 1" x 26" Long - Tapped 1/4-20 x Both Ends	6	Futura Industries	80/20 Inc	ebay 8020 Inc Garage Sale	<a href="http://www.grainger.com">www.grainger.com</a>	T-Slots can be cut with a miter saw but it should have a carbide blade for cutting aluminum. In some cases it's easier to order the parts cut to length and tapped as req'd.
T-Slot - 1" x 1" x 48" Long - Untapped	2	<a href="http://www.tslots.com">www.tslots.com</a>	<a href="http://www.8020.net">www.8020.net</a>	<a href="http://www.automation4less.com">www.automation4less.com</a>	<a href="http://www.amazon.com">www.amazon.com</a>	
T-Slot - 1" x 1" x 8" Long - Tapped 1/4-20 x One End	4	10 Series	10 Series		<a href="http://www.mcmaster.com">www.mcmaster.com</a>	
T-Slot - 1" x 1" x 4" Long - Untapped	8					
End Caps - 1" x 1" - Black Plastic	8					
Alum Tube - 1" x 1" x 24"	2		80/20 Inc	Same	Same	
Alum Tube - 1" x 1" x 48"	2		Quick Frame Tube			
Plastic Tube 2 Way Corner	4		9220 N			
Plate E - 2" x 3" - Cover Retainer	6	Futura Industries	80/20 Inc	Same	Same	The 2 & 3 hole T Nuts can be substituted with single hole T Nuts. Stainless steel T Nuts are better if they are available.
Plate F - 2" x 3" - Corner Plate	4	10 Series 653078	10 Series 4141 N			
T Nut - 3 Hole - 1/4-20	20	10 Series 653084	10 Series 4150 N			
T Nut - 2 Hole - 1/4-20	46		10 Series 3287			
T Nut - 1 Hole - 1/4-20	4	10 Series 651075	10 Series 3280			
1/4-20 x 1/2 Button Hd Socket Cap Screw Stainless S	170			<a href="http://www.mcmaster.com">www.mcmaster.com</a>		
Hex Nut - 1/2"-13, Stainless Steel	8			<a href="http://www.fastenal.com">www.fastenal.com</a>		
Washer - 1/2" x 1-3/8" x 0.086 - Stainless Steel	8			<a href="http://www.grainger.com">www.grainger.com</a>		
Split Lock Washer - 1/2" - Stainless Steel	8					
Pan Head Machine Screw, #6 x 1/4", Stainless Steel	8					
Threaded Stud - 1/4-20 x 2" Stainless Steel	4					
Pan Head Machine Screw - #10 x 1-1/4" Stainless Steel	2					
KL Nut #10 Stainless Steel	2					
Washer #10 Stainless Steel	2					
Sheet Metal Screw - #12 x 1/2" Stainless Steel	4					
Sheet Metal Screw - #6 x 1/2" Stainless Steel	8					
Nut - 1/4-20 - Stainless Steel	4					
Washer - 1/4" - Stainless Steel	4					
Threaded Rod - 1/2-13 x 25" - Stainless Steel	4					
Latch Assembly & Striker	4	McMaster Carr	1590A14	<a href="http://www.mcmaster.com">www.mcmaster.com</a>		Unfortunately these come in 50 ft rolls Unfortunately these come in 50 ft rolls
Neoprene Foam - 1/4" x 16'	1		8694K78			
Neoprene Foam - 3/16" x 4'	1		8694K73			
Ball Point T Handle Hex Key - 5/32"	1		37095A35			
Handle - Rolled Steel - Zinc	3		14895A42			
Foil Faced Polyisocyanurate Board - 4' x 8' x 1"	2 or 3			The Home Depot	Lowe's	Do not substitute with duct tape
Pure Aluminum HVAC Tape - 2-1/2" to 4" wide roll	1					

Foil Faced or Rigid Foam Board - 2' x 4' x 1/2"	1
Plywood with Finished Face (A-C) 2' x 4' x 1/2"	1
Wood - 1" x 2" x 36"	1
Sheet Alum Corner - 4" x 4" x 8"	4
Sheet Alum Flashing Shingle 5x7	2

Sheet Alum Corner - 4" x 30"	10
Sheet Alum Corner - 4" x 20"	4

Amerimax  
 Aluminum Roll Flashing  
 0.0078" x 50'

Amazon.com

This is used for temporary purposes  
 Do not use galvanized steel. Size can vary.  
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These are best made from a roll of 4" sheet  
 aluminum, cut to length and bent on the long  
 axis over a hard edge or using a metal brake.

See the construction manual for information about Dacron Covering and Materials