5 Bed Demonstration Kit Assembly Instructions

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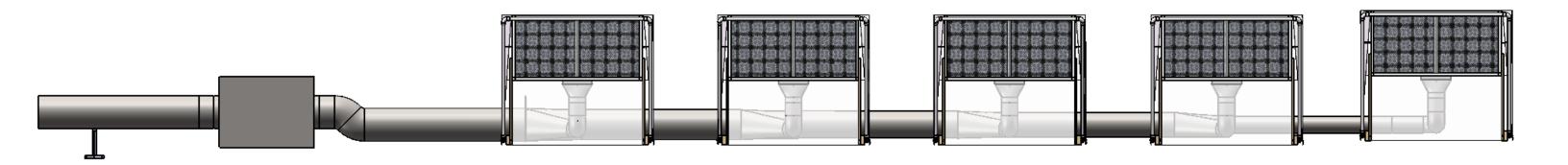
Graphics By: Nick Trifonoff

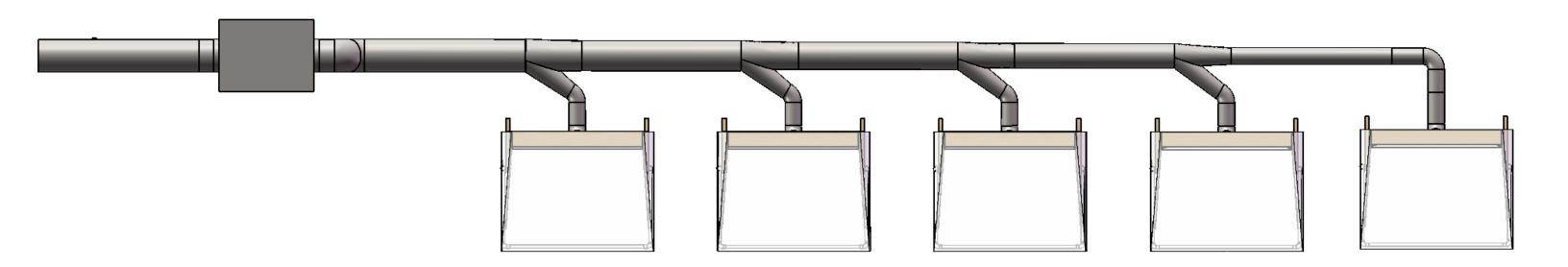
The following assembly instructions are used to assemble a 5-cot expedient airborne isolation demonstration kit. The kit incorporates 5 ventilated headboards along with a central duct, fan & HEPA filtration system. For convenience, the duct system referenced here uses a quick "clamp-together" system that facilitates assembly and tear down. The ventilated headboards in this kit are designed for use with FMS-cots from the strategic national stockpile, although the headboards can be built to accommodate most cot or bed systems. Instructions for constructing the ventilated headboards are included in a separate document.

Parts used in 5 hood configuration using ACSI Force Air 2000 EC fan.

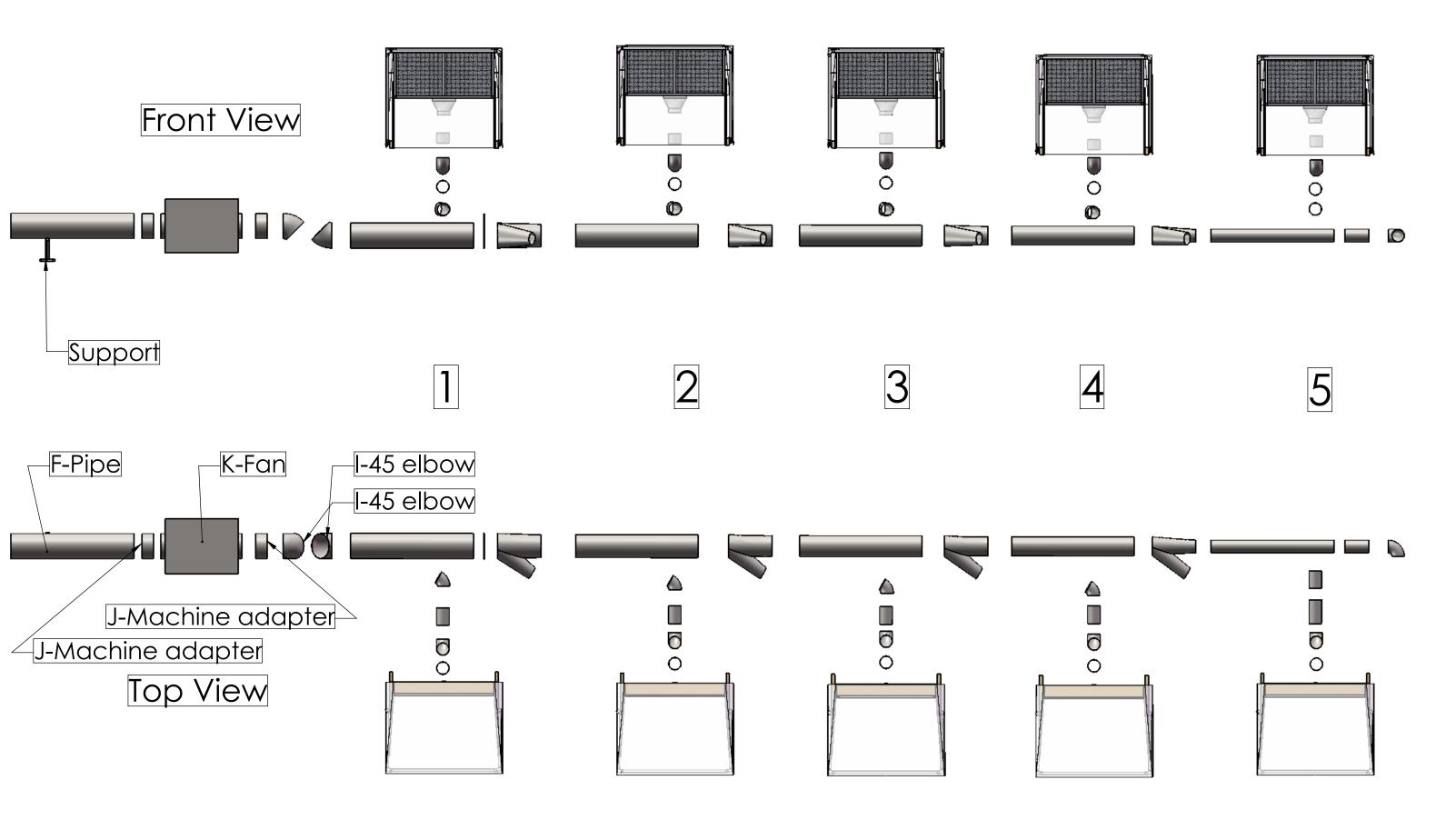
Part #	Part	Quantity	
D	6" 60° Elbow	4	
В	6" 90° Elbow	6	
I	12" 45° Elbow	2	
Н	6" Adjustable Nipple	2	
С	6" Butterfly Damper Valve	5	
Α	6" Machine Adapter	5	
J	12" Machine Adapter	2	
5F	6"x 59.25" Pipe	1	
4F	9" x 59.06" Pipe	1	
3F	10" x 58.75" Pipe	1	Pipes and and Branches
2F	11" x 58.75" Pipe	1	decrease in size further away
1F	12" x 58.75 Pipe	2	from the fan. See drawing and
4E	Branch (Detail: A=9", B=6", C=6" at 30°)	1	select appropiate pipe for each
3E	Branch (Detail: A=10", B=9", C=6" at 30°)	1	hood.
2E	Branch (Detail: A=11", B=10", C=6" at 30°)	1	
1E	Branch (Detail: A=12", B=11", C=6" at 30°)	1	
G	6" Clamp with Pin	23	
G	9" Clamp with Pin	2	Clamps used for all pipe
G	10" Clamp with Pin	2	connections, select appropriate
G	11" Clamp with Pin	2	clamp for each pipe size.
G	12" Clamp with Pin	6	

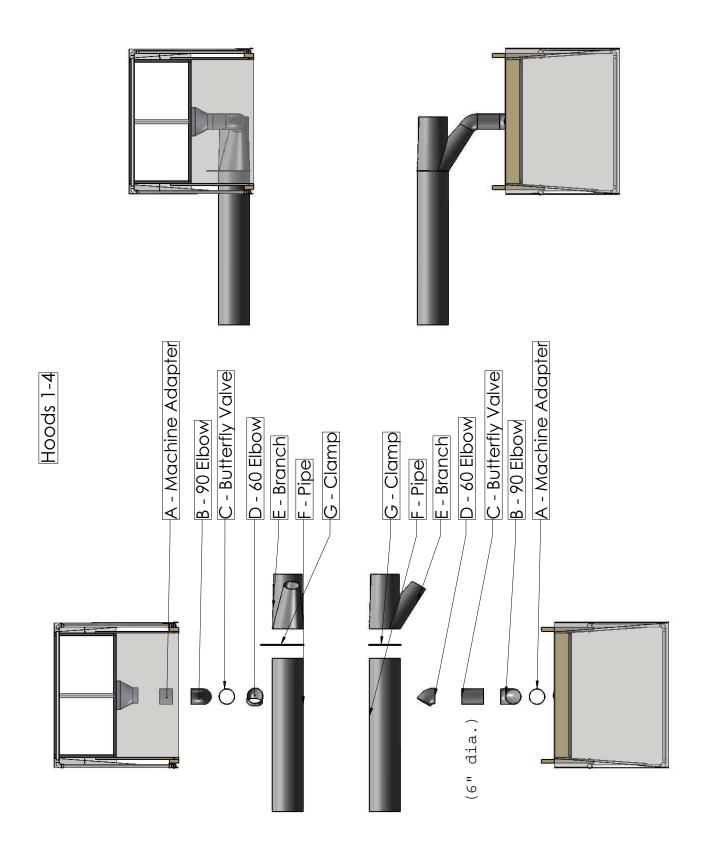
5 Hood System Collasped

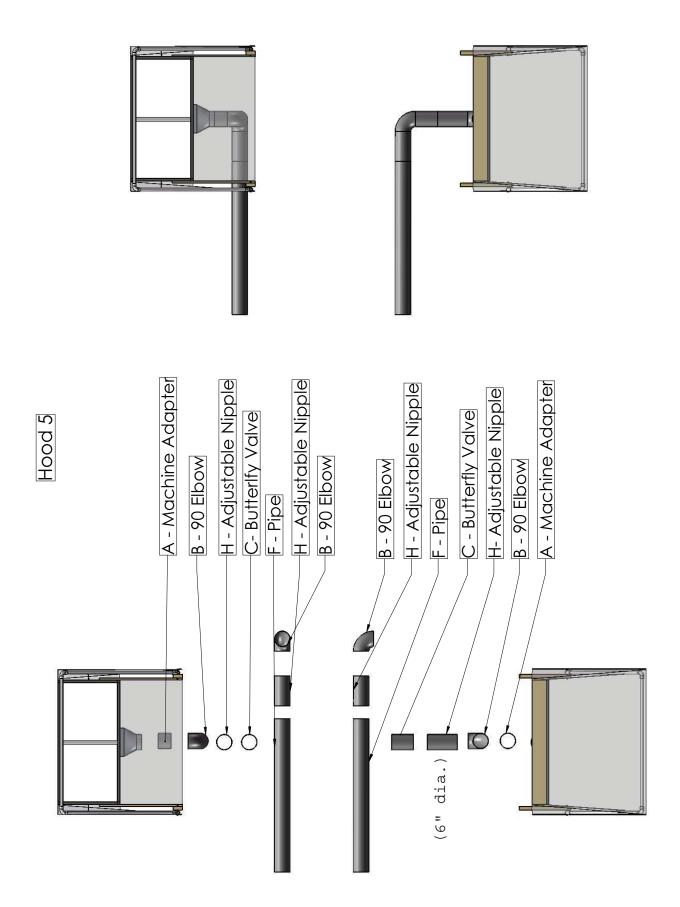




5 Hood System Exlpoded







Clamp Connection Diagram