

# Oxikit Complete Assembly WorkFlow

Version 1.0





Document #	Date Effective
OXIKIT-OK001	
Supersedes Document Version #:	

### **Oxikit Complete Assembly**

#### Change History Log:

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VERSION #	REVISION	DESCRIPTION OF CHANGE						
	DATE	FROM	ТО					
1.0	11/27/2020	Original Release						

#### I. **Purpose:**

This Workflow is intended to serve as a guide in assembling the whole Oxikit.

#### II. Scope:

This guideline applies to all individuals who wish to build the DIY Oxikit. It includes the Materials, tools and the Video Link needed in assembling the complete Oxikit

#### III. **Picture:**

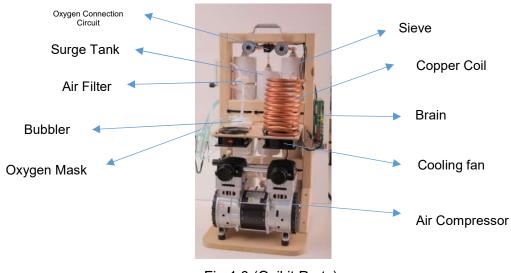


Fig 1.0 (Oxikit Parts)

OxiKit 🛞
OXIKIT WORKFLOW
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# Oxikit Complete Assembly

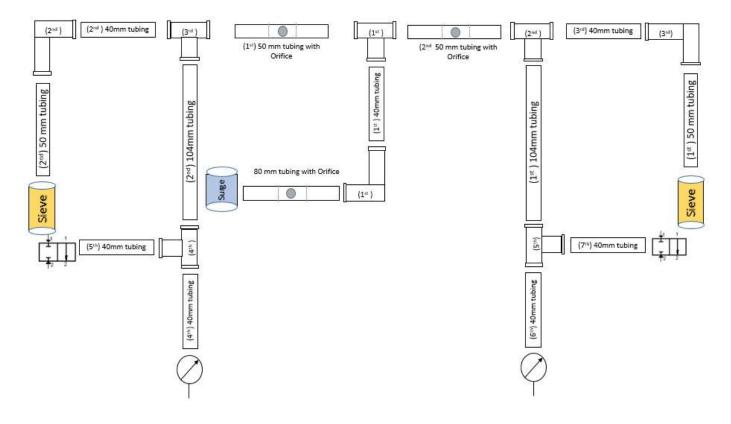


Fig. 2.0 Oxygen Connection Circuit



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### Oxikit Complete Assembly

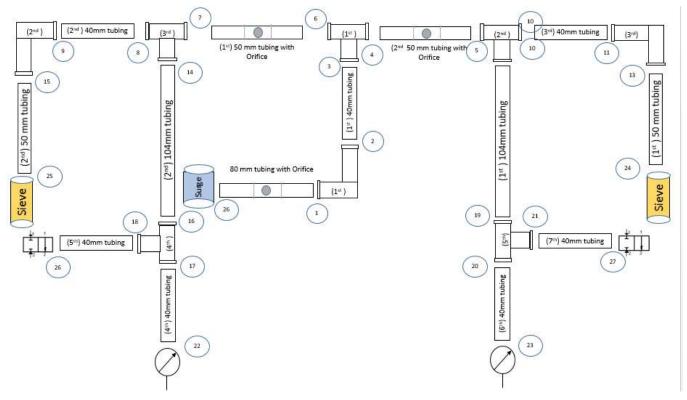
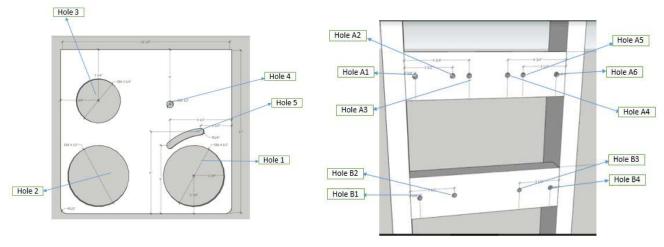


Fig. 3.0 Oxygen Connection Circuit with sequence connection



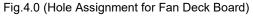


Fig.5.0 (Hole Assignment for Cross Pieces)



## **Oxikit Complete Assembly**

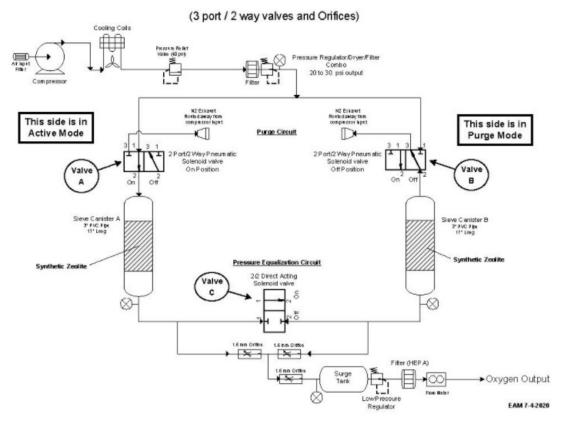


Fig.6.0 (Oxygen Concentrator Circuit Diagram)

	FI	GURE SUMMARY
FIGURE #	DESCRIPTION	REMARKS
1	Oxikit Complete Assembly	Describes the parts needed to assemble the whole Oxikit
2	Oxygen Connection Circuit	Wirings of the Oxygen Circuit
3	Oxygen Connection Circuit with sequence connection	Describes the flow and arrangement of connection of the Circuit
4	Hole Assignment for Fan Deck Board	
5	Hole Assignment for Cross Pieces	
6	Oxygen Concentrator Circuit Diagram	

#### IV.

Safety Operating Conditions: - Always wear protective gloves

#### V. Workflows

Please see next page for the step by step guidelines in making the whole assembly of the Oxikit. -

# Air Compressor Mounting

		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/
		Air Compressor	California Air Tools SP-9421 2.0HP Ultra Quiet and Oil-Free Air Compressor Motor	California Air Tools SP-9421 2.0HP Ultra Quiet and Oil-Free Air Compressor Motor	Unit	drive/folders/ 18duHcktmz T1QRXVuiVtt SuXc_h- BfB69
1	Unscrew the legs of the Air compressor					

		Name	Description	Metric Conversion	Unit of Measure		https://drive. google.com/ drive/folders/
		Air Compressor	California Air Tools SP-9421 2.0HP Ultra Quiet and Oil-Free Air Compressor Motor	California Air Tools SP-9421 2.0HP Ultra Quiet and Oil-Free Air Compressor Motor	Unit		18duHcktmz T1QRXVuiVtt SuXc_h- BfB69
2	2 Turn the Air compressor Upside Down to expose its bottom legs			Conversion Measure California Air Colifornia Air Colifornia Air Colifornia Air Colifornia Air Colifornia Air Colifornia Air Compressor Compress			

		Name	Description	Metric Conversion	Unit of Measure	Pencil	https://drive. google.com/ drive/folders/
		Air Compressor	California Air Tools SP-9421 2.0HP Ultra Quiet and Oil-Free Air Compressor Motor	California Air Tools SP-9421 2.0HP Ultra Quiet and Oil-Free Air Compressor Motor	Unit		18duHcktmz T1QRXVuiVtt SuXc_h- BfB69
		Bond Paper	Short Size Bond Paper	Short Size Bond Paper	Piece		
3	Make a template of the Air compressor's legs.						

		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		Air Compressor	California Air Tools SP-9421 2.0HP Ultra Quiet and Oil-Free Air Compressor Motor	California Air Tools SP-9421 2.0HP Ultra Quiet and Oil-Free Air Compressor Motor	Unit	18duHcktmz T1QRXVuiVtt SuXc_h- BfB69
4	Tilt back the Air Compressor into its original position					

		Name	Description	Metric Conversion	Unit of Measure	Ruler, Pencil	https://drive. google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit		18duHcktmz T1QRXVuiVtt
							SuXc_h- BfB69
	Measure and						
5	Label 2" from the bottom						
	side (on each sides) of the Base board						

		Name	Description	Metric Conversion	Unit of Measure	Ruler, Pencil	https://drive. google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit		18duHcktmz T1QRXVuiVtt
							SuXc_h- BfB69
6	Connect the labeled 2" on each sides						
	to create a line						

		Name	Description	Metric Conversion	Unit of Measure	Ruler, Pencil	https://drive. google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit		18duHcktmz T1QRXVuiVtt
7	Measure and Label 3" from the endsides of the board to create an intersection point		of the Frame	of the Frame			SuXc_h- BfB69

		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	18duHcktmz T1QRXVuiVtt
		Bond Paper	Short Size Bond Paper	Short Size Bond Paper	Piece	SuXc_h- BfB69
8	Position the template (with marked legs of the air compressor) on top of the intersection line on the Base Board					

$\square$		Name	Description	Metric Conversion	Unit of Measure	Screwdriv er	https://drive. google.com/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit		drive/folders/ 18duHcktmz T1QRXVuiVtt
		Bond Paper	Short Size Bond Paper	Short Size Bond Paper	Piece		SuXc_h- BfB69
	Mark and Punch all 4						
9	legs on the Template Paper into						
	the Base board						

$\square$		Name	Description	Metric Conversion	Unit of Measure	Drill Bit Machine, Drill bit	https://drive. google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	5/32"	18duHcktmz T1QRXVuiVtt SuXc_h-
							BfB69
	Pre Drill the						
10	Marked Legs on the Base board						

		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	18duHcktmz T1QRXVuiVtt SuXc_h-
						BfB69
11	Tilt the Frame					

		Name	Description	Metric Conversion	Unit of Measure	Drill Bit Machine, 1" Fossner	https://drive. google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	bit	18duHcktmz T1QRXVuiVtt
12	Drill halfway all 4 legs that were previously marked/ pre drilled on the Base board. Create a pocket on the underside of the lower deck/Base board.		of the Frame	of the Frame			T1QRXVuiVtt SuXc_h- BfB69

$\square$		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	drive/folders/ 18duHcktmz T1QRXVuiVtt
			I	I		SuXc_h- BfB69
13	Tilt back the board intoits original					
	position					

		Name	Description	Metric Conversion	Unit of Measure	Drill Bit Machine, Drill Bit	https://drive. google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	1/2"	18duHcktmz T1QRXVuiVtt SuXc_h-
							BfB69
	Drill all 4 legs that were						
14	previously marked/ pre drilled on the						
	Base board.						

		Name	Description	Metric	Unit of	https://drive.
				Conversion	Measure	google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	18duHcktmz T1QRXVuiVtt SuXc_h- BfB69
		Air Compressor	California Air Tools SP-9421 2.0HP Ultra Quiet and Oil-Free Air Compressor Motor	California Air Tools SP-9421 2.0HP Ultra Quiet and Oil-Free Air Compressor Motor	Unit	PID03
15	Position the legs of the Air compressor into the hole					

		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	18duHcktmz T1QRXVuiVtt SuXc_h-
		Air Compressor	California Air Tools SP-9421 2.0HP Ultra Quiet and Oil-Free Air Compressor Motor	California Air Tools SP-9421 2.0HP Ultra Quiet and Oil-Free Air Compressor Motor	Unit	BfB69
	Secure the	Nuts	Washer and Nuts	Washer and Nuts	Set	
16	legs of the air compressor into the Base board by putting Nuts and Washer	Washer				

Steps Process

Material

Tools Youtube Link

$\Box$		Name	Description	Metric Conversion	Unit of Measure	Socket Wrench	https://drive. google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit		18duHcktmz T1QRXVuiVtt SuXc_h- BfB69
		Air Compressor	California Air Tools SP-9421 2.0HP Ultra Quiet and Oil-Free Air Compressor Motor	California Air Tools SP-9421 2.0HP Ultra Quiet and Oil-Free Air Compressor Motor	Unit		DID03
		Nuts	Washer and Nuts	Washer and Nuts	Set		
		Washer					
17	Tighten the Washer and nuts						

# Sieve and Surge Tank Mounting

		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
		18" Cable Wire	18" Cable Ties (Sold in 50 Pack)	450mm x 4mm Cable Ties (Sold in 50 Pack)	Piece	вівоя
	Insert tie wraps on the					
18	A1, A4, A6, B1, B4 holes of the Frame					
	as per Fig. 5.0.					

Steps Process

Material

		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	drive/folders/ 18duHcktmz T1QRXVuiVt tSuXc_h-
		Sieve Canister Assembly	Complete and Finished Sieve Assembly	Complete and Finished Sieve Assembly	Lot	BfB69
19	Place the 1st Sieve into the back portion of the Frame. Make sure Sieve is on an upright Position and is hanging (PVC Male Adaptor Socket) on the middle cross piece of the frame					

		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
		Sieve Canister Assembly	Complete and Finished Sieve Assembly	Complete and Finished Sieve Assembly	Lot	вівоя
		18" Cable Wire	18" Cable Ties (Sold in 50 Pack)	450mm x 4mm Cable Ties (Sold in 50 Pack)	Piece	
20	Tie the upper portion of the Sieve by Inserting the Tie wrap from A1 into the A2 Hole. Please refer Fig 5.0 for the hole assignement					

		Name Frame	Description Complete	Metric Conversion Complete	Unit of Measure Unit		https://drive. google.com/ drive/folders/ 18duHcktmz
			Assembly of the Frame	Assembly of the Frame			T1QRXVuiVt tSuXc_h- BfB69
		Sieve Canister Assembly	Complete and Finished Sieve Assembly	Complete and Finished Sieve Assembly	Lot	ыроэ	DIDO9
		18" Cable Wire	18" Cable Ties (Sold in 50 Pack)	450mm x 4mm Cable Ties (Sold in 50 Pack)	Piece		
21	Tighten the Tie Wrap						

		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	18duHcktmz T1QRXVuiVt tSuXc_h-
		Sieve Canister Assembly	Complete and Finished Sieve Assembly	Complete and Finished Sieve Assembly	Lot	BfB69
		18" Cable Wire	18" Cable Ties (Sold in 50 Pack)	450mm x 4mm Cable Ties (Sold in 50 Pack)	Piece	
22	Tie the bottom portion of the Sieve by Inserting the Tie wrap from B1 hole into the B2 Hole. Please refer Fig 5.0 for the hole assignment					

		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	18duHcktmz T1QRXVuiVt tSuXc_h-
		Sieve Canister Assembly	Complete and Finished Sieve Assembly	Complete and Finished Sieve Assembly	Lot	BfB69
		18" Cable Wire	18" Cable Ties (Sold in 50 Pack)	450mm x 4mm Cable Ties (Sold in 50 Pack)	Piece	
23	Tighten the Tie Wrap					

		Name	Description	Metric Conversion	Unit of Measure	Wire Cutter Pliers	https://drive. google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit		18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
		Sieve Canister Assembly	Complete and Finished Sieve Assembly	Complete and Finished Sieve Assembly	Lot		вівоя
		18" Cable Wire	18" Cable Ties (Sold in 50 Pack)	450mm x 4mm Cable Ties (Sold in 50 Pack)	Piece		
24	Snip and Cut the excess tie wraps						

		Name	Description	Metric	Unit of	https://drive.
				Conversion	Measure	google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
		Sieve Canister Assembly	Complete and Finished Sieve Assembly	Complete and Finished Sieve Assembly	Lot	DID09
25	Place the 2nd Sieve into the back portion of the Frame. Make sure Sieve is on an upright Position and is hanging (PVC Male Adaptor Socket) on the middle cross piece of the frame					

		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	18duHcktmz T1QRXVuiVt tSuXc_h-
		Sieve Canister Assembly	Complete and Finished Sieve Assembly	Complete and Finished Sieve Assembly	Lot	BfB69
		18" Cable Wire	18" Cable Ties (Sold in 50 Pack)	450mm x 4mm Cable Ties (Sold in 50 Pack)	Piece	
26	Tie the upper portion of the Sieve by Inserting the Tie wrap from A6 into the A5 Hole. Please refer Fig 5.0 for the hole assignement					

		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	18duHcktmz T1QRXVuiVt tSuXc_h-
		Sieve Canister Assembly	Complete and Finished Sieve Assembly	Complete and Finished Sieve Assembly	Lot	BfB69
		18" Cable Wire	18" Cable Ties (Sold in 50 Pack)	450mm x 4mm Cable Ties (Sold in 50 Pack)	Piece	
27	Tighten the Tie Wrap					

		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	drive/folders/ 18duHcktmz T1QRXVuiVt tSuXc_h-
		Sieve Canister Assembly	Complete and Finished Sieve Assembly	Complete and Finished Sieve Assembly	Lot	BfB69
		18" Cable Wire	18" Cable Ties (Sold in 50 Pack)	450mm x 4mm Cable Ties (Sold in 50 Pack)	Piece	
28	Tie the bottom portion of the Sieve by Inserting the Tie wrap from B4 hole into the B3 Hole. Please refer Fig 5.0 for the hole assignement					

$\square$		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
		Sieve Canister Assembly	Complete and Finished Sieve Assembly	Complete and Finished Sieve Assembly	Lot	вівоя
		18" Cable Wire	18" Cable Ties (Sold in 50 Pack)	450mm x 4mm Cable Ties (Sold in 50 Pack)	Piece	
29	Tighten the Tie Wrap					

		Name	Description	Metric Conversion	Unit of Measure	Wire Cutter Pliers	https://drive. google.com/ drive/folders/
		FrameCompleteCompleteUnitAssembly of theAssembly of theFrameFrame		18duHcktmz T1QRXVuiVt tSuXc_h- BfB69			
		Sieve Canister Assembly	Complete and Finished Sieve Assembly	Complete and Finished Sieve Assembly	Lot		ыроэ
		18" Cable Wire	18" Cable Ties (Sold in 50 Pack)	450mm x 4mm Cable Ties (Sold in 50 Pack)	Piece		
30	Snip and Cut the excess tie wraps						

		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	18duHcktmz T1QRXVuiVt tSuXc_h-
		Surge Tank Assembly	Complete and Finished Surge Tank Assembly	Complete and Finished Surge Tank Assembly	Lot	BfB69
31	Place the Surge Tank into the Frame. Make sure Surge tank hanging on the middle cross piece of the frame					

		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	18duHcktmz T1QRXVuiVt tSuXc_h-
		Surge Tank Assembly	Complete and Finished Surge Tank Assembly	Complete and Finished Surge Tank Assembly	Lot	BfB69
		18" Cable Wire	18" Cable Ties (Sold in 50 Pack)	450mm x 4mm Cable Ties (Sold in 50 Pack)	Piece	
32	Tie the upper portion of the Sieve by Inserting the Tie wrap from A4 into the A3 Hole. Please refer Fig 5.0 for the hole assignement					

$\square$		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
		Surge Tank Assembly	Complete and Finished Surge Tank Assembly	Complete and Finished Surge Tank Assembly	Lot	ывоя
		18" Cable Wire	18" Cable Ties (Sold in 50 Pack)	450mm x 4mm Cable Ties (Sold in 50 Pack)	Piece	
33	Tighten the Tie Wrap					

		Name	Description	Metric Conversion	Unit of Measure	Wire Cutter Pliers	https://drive. google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit		18duHcktmz T1QRXVuiVt tSuXc_h-
		Surge Tank Assembly	Complete and Finished Surge Tank Assembly	Complete and Finished Surge Tank Assembly	Lot		BfB69
		18" Cable Wire	18" Cable Ties (Sold in 50 Pack)	450mm x 4mm Cable Ties (Sold in 50 Pack)	Piece		
34	Snip and Cut the excess tie wraps						

Tools Youtube Link

## **Cooper Cooling Coil**

Γ	7		Name	Description	Metric Conversion	Unit of Measure	Drill Bit Machine, Drill Bit	https://drive. google.com/ drive/folders/
			Sieve PVC Pipe	3" Schedule 40 PVC Pipe 18" height	7 mm Schedule 40 (Series 1000) PVC Pipe 431 mm height	Piece	13/32"	18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
3	5	Secure the PVC Pipe into the working table by placing 2 holes on the PVC Pipe. 1st hole around 7" from the bottom of the pipe of the pipe, the second hole approximatel y around 3" from the bottom end of the PVC Pipe.(same side with the 1st hole)						

		Name	Description	Metric Conversion	Unit of Measure	Drill Bit Machine, Drill bit	https://drive. google.com/ drive/folders/
		Sieve PVC Pipe	3" Schedule 40 PVC Pipe 18" height	7 mm Schedule 40 (Series 1000) PVC Pipe 431 mm height	Piece	5/32"	18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
36	Put2smaller holes opposite of						
	the holes from step 35						

		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		Sieve PVC Pipe	3" Schedule 40 PVC Pipe 18" height	7 mm Schedule 40 (Series 1000) PVC Pipe 431 mm height	Piece	18duHcktmz T1QRXVuiVt tSuXc_h-
		Screws	Screws	Screws		BfB69
37	Place screws on the 2 smaller holes					

$\square$		Name	Description	Metric Conversion	Unit of Measure	Drill Bit Machine, Drill bit	https://drive. google.com/ drive/folders/
		Sieve PVC Pipe	3" Schedule 40 PVC Pipe 18" height	7 mm Schedule 40 (Series 1000) PVC Pipe 431 mm height	Piece	9/32"	18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
38	Secure the PVC Pipe by screwing it						
	on top of a table						

		Name	Description	Metric Conversion	Unit of Measure	Drill Bit Machine, Drill Bit	https://drive. google.com/ drive/folders/
		Sieve PVC Pipe	3" Schedule 40 PVC Pipe 18" height	7 mm Schedule 40 (Series 1000) PVC Pipe 431 mm height	Piece	1/2"	18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
39	Drill a hole on the middle of						
00	the PVC Pipe						

		Name Sieve PVC	Description 3" Schedule 40 PVC Pipe 18"	Metric Conversion 7 mm Schedule 40 (Series 1000) PVC Pipe	Unit of Measure Piece	https://drive. google.com/ drive/folders/ 18duHcktmz T1QRXVuiVt
		Pipe Copper Tubing	height 3/8" OD Copper Tubing (Need around 20')	431 mm height 10mm OD Copper Tubing (Need around 6m)	Inch	tSuXc_h- BfB69
40	Insert the end of the coil into the middle hole of the PVC Pipe					

		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		Sieve PVC Pipe	3" Schedule 40 PVC Pipe 18" height	7 mm Schedule 40 (Series 1000) PVC Pipe 431 mm height	Piece	18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
		Copper Tubing	3/8" OD Copper Tubing (Need around 20')	10mm OD Copper Tubing (Need around 6m)	Inch	вівоя
41	Twist the coil into the PVC Pipe until it will shape into aspiral. Ensure no gaps in between the coil					

		Name Sieve PVC Bing	Description 3" Schedule 40 PVC Pipe 18"	Metric Conversion 7 mm Schedule 40 (Series 1000) PVC Pipe	Unit of Measure Piece	https://drive. google.com/ drive/folders/ 18duHcktmz T1QRXVuiVt tSuXc_h-
		Pipe Copper Tubing	height 3/8" OD Copper Tubing (Need around 20')	431 mm height 10mm OD Copper Tubing (Need around 6m)	Inch	BfB69
42	Ensure to have 6-7" of excess coil untwisted					

$\square$		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		Sieve PVC Pipe	3" Schedule 40 PVC Pipe 18" height	7 mm Schedule 40 (Series 1000) PVC Pipe 431 mm height	Piece	18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
		Copper Tubing	3/8" OD Copper Tubing (Need around 20')	10mm OD Copper Tubing (Need around 6m)	Inch	ывоэ
43	Remove the Spiral Coil from the PVC Pipe					

		Name Copper Tubing Frame	Description 3/8" OD Copper Tubing (Need around 20') Complete	Metric Conversion          10mm OD Copper         Tubing (Need         around 6m)         Complete Assembly	Unit of Measure Inch Unit	https://drive. google.com/ drive/folders/ 18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
44	Place the Spiral Coil (upward position)on top of the PVC Pipe and twist the excess/untwi sted coil down into the PVC Pipe. It will create one perpendicula r hook		Assembly of the Frame	of the Frame		

		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/
		Copper	3/8" OD Copper	10mm OD Copper	Inch	drive/folders/ 18duHcktmz
	Insert the	Tubing	Tubing (Need around 20')	Tubing (Need around 6m)		T1QRXVuiVt tSuXc_h-
	Spiral Coil end (perpendicul ar hook) into	Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	BfB69
	Hole 5. Ensure Spiral Coil is on an upward	Brass Threaded Female - Elbow	Brass 1/4 Male NPT to 1/4" Female NPT - 90 Elbow	Brass 6mm Male NPT to 6mm Female NPT - 90 Elbow	Piece	
45	position and is positioned into Hole 1. Ensure the end of the coil(perpendi cular end)			<u> </u>		
	will reach the Brass Threaded Elbow					
	Fittings attached into the left output side					
	of the air compressor. Please refer Fig 4.0 for					
	the hole assignement					

		Name	Description	Metric Conversion	Unit of Measure		https://drive. google.com/
		Copper Tubing	3/8" OD Copper Tubing (Need around 20')	10mm OD Copper Tubing (Need around 6m)	Inch		drive/folders/ 18duHcktmz T1QRXVuiVt tSuXc_h-
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit		BfB69
	Label the excess end	Brass Threaded Female - Elbow	Brass 1/4 Male NPT to 1/4" Female NPT - 90 Elbow	Brass 6mm Male NPT to 6mm Female NPT - 90 Elbow	Piece		
46	excess end of the Spiral Coil (Perpendicul ar end). Enough to reach the Brass Threaded Elbow Fitting						

			_			https://drive.
		Name	Description	Metric Conversion	Unit of Measure	google.com/
		Copper Tubing	3/8" OD Copper Tubing (Need around 20')	10mm OD Copper Tubing (Need around 6m)	Inch	drive/folders/ 18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
	Remove the					
47	Spiral Coil from the frame					

$\square$		Name	Description	Metric Conversion	Unit of Measure	Tube Cutter	https://drive. google.com/ drive/folders/
		Copper Tubing	3/8" OD Copper Tubing (Need around 20')	10mm OD Copper Tubing (Need around 6m)	Inch		18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
							ыроэ
	Cut the						
48	Cut the marked excess Coil						

		Name	Description	Metric Conversion	Unit of Measure	Tube Cutter	https://drive. google.com/ drive/folders/
		Copper Tubing	3/8" OD Copper Tubing (Need around 20')	10mm OD Copper Tubing (Need around 6m)	Inch		18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
10	Clean up and cut a portion of the top end of the						
49	coil. Remove or cut the hook portion of the coil						

		Name	Description	Metric Conversion	Unit of Measure	Screwdriv er	https://drive. google.com/ drive/folders/
		Copper Tubing	3/8" OD Copper Tubing (Need around 20')	10mm OD Copper Tubing (Need around 6m)	Inch		18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
							DIDO9
	Clean up the end of the coils by						
50	Inserting a screwdriver into the						
	openings. of the coil						

<b></b>				1	1	 
		Name	Description	Metric	Unit of	https://drive. google.com/
				Conversion	Measure	drive/folders/
		Copper	3/8" OD Copper	10mm OD Copper	Inch	18duHcktmz
		Tubing	Tubing (Need	Tubing (Need		T1QRXVuiVt
			around 20')	around 6m)		tSuXc_h- BfB69
		Frame	Complete	Complete	Unit	ыроа
	Insert back		Assembly of the	Assembly of the		
	the Spiral		Frame	Frame		
	Coil end (perpendicul	Brass	Brass 1/4 Male	Brass 6mm Male	Piece	
	ar hook) into	Threaded	NPT to 1/4"	NPT to 6mm		
	the Hole 5.	Female -	Female NPT - 90	Female NPT - 90		
	Ensure Spiral	Elbow	Elbow	Elbow		
	Coil is on an					
	upward position and					
51	is placed on					
	top of Hole 1.					
	Ensure the					
	end of the					
	coil(perpendi					
	cular end) will reach the					
	Brass elbow					
	fitting on the					
	air					
	compressor.					
	Please refer					
	Fig 4.0 for the hole					
	assignment					
	assignment					

Steps Process

Material

Tools Youtube Link

		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		Copper Tubing	3/8" OD Copper Tubing (Need around 20')	10mm OD Copper Tubing (Need around 6m)	Inch	18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	
	Insert the Brass threaded	Brass Threaded Female to Female - Coupling	Brass 1/4 NPT Female to 1/4" NPT Female- Coupling	Brass 6mm NPT Female to 6mm NPT Female - Coupling	Piece	
52	Female to Female Coupling into the perpendicula r end of the Spiral Coil					

Steps Process

Material

Tools Youtube Link

	Name	Description	Metric Conversion	Unit of Measure		https://drive. google.com/ drive/folders/
	Copper Tubing	3/8" OD Copper Tubing (Need around 20')	10mm OD Copper Tubing (Need around 6m)	Inch		18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
	Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit		
Connect the Brass threaded Female to Female Coupling	Brass Threaded Female to Female - Coupling	Brass 1/4 NPT Femaleto 1/4" NPT Female- Coupling	Brass 6mm NPT Female to 6mm NPT Female - Coupling	Piece		
from the Spiral Coil into the Brass Threaded	Brass Threaded Female - Elbow	Brass 1/4 Male NPT to 1/4" Female NPT - 90 Elbow	Brass 6mm Male NPT to 6mm Female NPT - 90 Elbow	Piece		
Elbow Fittings in the Air compressor	Air Compressor	California Air Tools SP-9421 2.0HP Ultra Quiet and Oil-Free Air Compressor Motor	California Air Tools SP-9421 2.0HP Ultra Quiet and Oil-Free Air Compressor Motor	Unit		
	threaded Female to Female Coupling from the Spiral Coil into the Brass Threaded Elbow Fittings in the Air	Connect the Brass threaded Female to Female Coupling from the BrassBrass Threaded Female - Coupling Brass Threaded Female - CouplingSpiral Coil into the BrassBrass Threaded Female - CouplingBrass Threaded Female - ElbowBrass Threaded Air	TubingTubing (Need around 20')Connect the Brass threaded Female to Female Coupling from the Spiral Coil into the BrassBrass Threaded Female - CouplingBrass Brass Threaded Female - CouplingBrass Threaded Female Coupling from the Brass Threaded ElbowBrass Brass Threaded BrassBrass Brass Threaded BrassBrass Threaded Air compressorBrass Air CompressorBrass Coupling	TubingTubingTubing (Need around 20')Copper Tubing (Need around 6m)Connect the Brass threaded Female to Female to Female Coupling from the Spiral Coil into the Brass ThreadedBrass Brass Threaded Female to Female to Female to Female for Female to Female for Female to Female for Female to Female for Female to Female for Female for Female for 	TubingTubing (Need around 20')Copper Tubing (Need around 6m)FrameComplete Assembly of the FrameComplete Assembly of the FrameUnitConnect the Brass threaded Female to Female Coupling from the Spiral Coil into the Brass Threaded Female co Into the BrassBrass Brass 1/4 NPT Female to 1/4" NPT Female- CouplingBrass 6mm NPT Female to 6mm NPT Female- CouplingPieceBrass Threaded Female CouplingBrass 1/4 Male NPT to 1/4"Brass 6mm Male Female NPT - 90 ElbowPieceBrass Threaded ElbowBrass Threaded Female - CouplingBrass 1/4 Male Female NPT - 90 ElbowBrass 6mm Male Female NPT - 90 ElbowPieceAir compressorAir CompressorCalifornia Air Tools SP-9421 2.0HP Ultra Quiet and Oil-Free Air CompressorUnit	Connect the Brass threaded Female to Female to Spiral Coil into the Brass Threaded ElbowTubing Tubing (Need around 20')Copper Tubing (Need around 6m)UnitConnect the Brass threaded Female to Female to Female CouplingBrass Female- CouplingBrass 1/4 NPT Female to 1/4" NPT Female- CouplingBrass 6mm NPT Female to 6mm NPT Female- CouplingPieceBrass Threaded Brass Threaded ElbowBrass 1/4 Male NPT Female- CouplingBrass 6mm Male NPT to 1/4" Female NPT - 90 ElbowPieceBrass Threaded Air CompressorBrass 1/4 Male NPT to 1/4"Brass 6mm Male NPT to 6mm Female NPT - 90 ElbowPieceAir compressorAir CompressorCalifornia Air Tools SP-9421 2.0HP Ultra Quiet and Oil-Free Air CompressorUnit

$\square$		Name	Description	Metric Conversion	Unit of Measure	Wrench	https://drive. google.com/ drive/folders/
		Copper Tubing	3/8" OD Copper Tubing (Need around 20')	10mm OD Copper Tubing (Need around 6m)	Inch		18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit		
		Brass Threaded Female to Female - Coupling	Brass 1/4 NPT Female to 1/4" NPT Female- Coupling	Brass 6mm NPT Female to 6mm NPT Female - Coupling	Piece		
54	Tighten the connection	Brass Threaded Female - Elbow	Brass 1/4 Male NPT to 1/4" Female NPT - 90 Elbow	Brass 6mm Male NPT to 6mm Female NPT - 90 Elbow	Piece		
		Air Compressor	California Air Tools SP-9421 2.0HP Ultra Quiet and Oil-Free Air Compressor Motor	California Air Tools SP-9421 2.0HP Ultra Quiet and Oil-Free Air Compressor Motor	Unit		

		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		Copper Tubing	3/8" OD Copper Tubing (Need around 20')	10mm OD Copper Tubing (Need around 6m)	Inch	18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
		Straight Push to connect fittings		10mm Push to Connect to 10mm Push to Connect - Straight	Piece	
55	Place Straight Push to connect fittings on the top portion end of the spiral coil					

Tools Youtube Link

## **Fan Installation**

		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		Copper Tubing	3/8" OD Copper Tubing (Need around 20')	10mm OD Copper Tubing (Need around 6m)	Inch	18duHcktmz T1QRXVuiVt tSuXc_h-
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	BfB69
56	Remove the Spiral Coil from the Hole 1. Please refer Fig 4.0 for the hole assignment					

		Name Frame	Description Complete	Metric Conversion Complete Assembly	Unit of Measure Unit	https://drive. google.com/ drive/folders/ 18duHcktmz
			Assembly of the Frame	of the Frame		T1QRXVuiVt tSuXc_h- BfB69
		Cooling Fan	120V AC 120mm High Speed Cooling Fan	220/120V AC 120mm High Speed Cooling Fan	Pieces	ывоа
57	Place Fan Deck on top of the Hole 1. Please refer Fig 4.0 for the hole assignment					

		Name Frame	Description Complete Assembly of the Frame	Metric Conversion Complete Assembly of the Frame	Unit of Measure Unit	https://drive. google.com/ drive/folders/ 18duHcktmz T1QRXVuiVt tSuXc_h-
		Cooling Fan	120V AC 120mm High Speed Cooling Fan	220/120V AC 120mm High Speed Cooling Fan	Pieces	BfB69
58	Align the Fan Deck into Hole 1. Please refer Fig 4.0 for the hole assignment					

		Name	Description	Metric Conversion	Unit of Measure	Ruler	https://drive. google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit		18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
		Cooling Fan	120V AC 120mm High Speed Cooling Fan	220/120V AC 120mm High Speed Cooling Fan	Pieces		DID03
	Measure the 2 side gaps between the Fan Deck						
59	and theedge of the Board. Ensure gap measurement						
	is the same.						

		Name	Description	Metric Conversion	Unit of Measure	Wood Clamp	https://drive. google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit		18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
		Cooling Fan	120V AC 120mm High Speed Cooling Fan	220/120V AC 120mm High Speed Cooling Fan	Pieces		ывоэ
	Clamp the Fan Deck(without						
60	the grill/screen) into the						
	board.						

		Name	Description	Metric Conversion	Unit of Measure	Drill Bit Machine, Drill bit	https://drive. google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	9/32"	18duHcktmz T1QRXVuiVt tSuXc_h-
		Cooling Fan	120V AC 120mm High Speed Cooling Fan	220/120V AC 120mm High Speed Cooling Fan	Pieces		BfB69
	Drill the 4						
61	sides of the Fan Deck into the board						

		Name	Description	Metric Conversion	Unit of Measure	Drill Bit Machine, Drill bit	https://dri ve.google .com/driv
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	9/32", Wood Clamp, Ruler	e/folders/ 18duHckt mzT1QR XVuiVttS
		Cooling Fan	120V AC 120mm High Speed Cooling Fan	220/120V AC 120mm High Speed Cooling Fan	Pieces	Ruler	uXc_h- BfB69
	Do the same						
62	steps on the 2nd Cooling Fan in Hole2						

Material

				Malita		https://drive.
		Name	Description	Metric Conversion	Unit of Measure	google.com/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	drive/folders/ 18duHcktmz T1QRXVuiVt tSuXc_h-
	Position the	Cooling Fan	120V AC 120mm High Speed Cooling Fan	220/120V ACPieces120mm HighSpeed CoolingFanFan	Pieces	BfB69
	Fan deck below the frame. On top of the air compressor. Ensure the	Air Compressor	California Air Tools SP-9421 2.0HP Ultra Quiet and Oil-Free Air Compressor Motor	California Air Tools SP-9421 2.0HP Ultra Quiet and Oil-Free Air Compressor Motor	Unit	
63	position of fan is towards (arrow going down) the air compressor. The fan is for the air compressor		1			

		Name	Description	Metric Conversion	Unit of	https://drive.
					Measure	google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
		Cooling Fan	120V AC 120mm High Speed Cooling Fan	220/120V AC 120mm High Speed Cooling Fan	Pieces	ывоэ
		6/32" Allen screws	6/32" Allen screws	5 mm Allen screws		
	Place 2	Washer				
	screws with washer and	Nuts	Washer and Nuts	Washer and Nuts	Set	
64	nuts on the holes. Diagonal opposite sides					

$\square$		Name	Description	Metric Conversion	Unit of Measure	Wood Clamp	https://drive. google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit		18duHcktmz T1QRXVuiVt tSuXc_h-
		Cooling Fan	120V AC 120mm High Speed Cooling Fan	220/120V AC 120mm High Speed Cooling Fan	Pieces		BfB69
	Clamp the						
65	Fan Deck into the board						

		Name	Description	Metric Conversion	Unit of Measure	Allen head, 5/16"	https://drive. google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	wrench	18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
		Cooling Fan	120V AC 120mm High Speed Cooling Fan	220/120V AC 120mm High Speed Cooling Fan	Pieces		ывоэ
		6/32" Allen screws	6/32" Allen screws	5 mm Allen screws			
		Washer					
	Tighten the	Nuts	Washer and Nuts	Washer and Nuts	Set		
66	screws and nuts on the Fan deck						

		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		Copper Tubing	3/8" OD Copper Tubing (Need around 20')	10mm OD Copper Tubing (Need around 6m)	Inch	18duHcktmz T1QRXVuiVt tSuXc_h-
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	BfB69
67	Postion back the spiral Coil					

		Name Rubber clamp	Description Rubber clamp	Metric Conversion Rubber clamp	Unit of Measure Piece	https://drive. google.com/ drive/folders/ 18duHcktmz T1QRXVuiVt
		Cooling Fan	120V AC 120mm High Speed Cooling Fan	220/120V AC 120mm High Speed Cooling Fan	Pieces	tSuXc_h- BfB69
	PlaceRubber Clamp on the	Copper Tubing	3/8" OD Copper Tubing (Need around 20')	10mm OD Copper Tubing (Need around 6m)	Inch	
68	Spiral Coil with the Fan deck. Hook the rubber clamp (sides of the Fan deck without screws) into the 1st layer of the coil and into the board.					

$\square$		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	18duHcktmz T1QRXVuiVt tSuXc_h-
		Cooling Fan	120V AC 120mm High Speed Cooling Fan	220/120V AC 120mm High Speed Cooling Fan	Pieces	BfB69
		6/32" Allen screws	6/32" Allen screws	5 mm Allen screws		
	Secure the	Washer				
	Rubber	Nuts	Washer and Nuts	Washer and Nuts	Set	
69	Clamps by placing Screws, washer and	Copper Tubing	3/8" OD Copper Tubing (Need around 20')	10mm OD Copper Tubing (Need around 6m)	Inch	
	nuts					

$\square$		Name	Description	Metric Conversion	Unit of Measure	Allen head, 5/16"	https://drive. google.com/ drive/folders/
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	wrench	18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
		Cooling Fan	120V AC 120mm High Speed Cooling Fan	220/120V AC 120mm High Speed Cooling Fan	Pieces		
		6/32" Allen screws	6/32" Allen screws	5 mm Allen screws			
		Washer					
	Tighten the	Nuts	Washer and Nuts	Washer and Nuts	Set		
70	screws and nuts on the Fan deck	Copper Tubing	3/8" OD Copper Tubing (Need around 20')	10mm OD Copper Tubing (Need around 6m)	Inch		

$\square$		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		Copper Tubing	3/8" OD Copper Tubing (Need around 20')	10mm OD Copper Tubing (Need around 6m)	Inch	18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
	Expand the Spiral Coils. Ensure to					
71	have even spaces in between the coils					

		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/
		Cooling Fan	120V AC 120mm High Speed Cooling Fan	220/120V AC 120mm High Speed Cooling Fan	Pieces	drive/folders/ 18duHcktmz T1QRXVuiVt tSuXc_h-
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	BfB69
72	Place the 2nd Fan deck below Hole 2. Ensure wirings are positioned unto the back portion and the flow of the air is towards the air compressor. Please refer Fig 4.0 for the hole assignment					

		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/
		Cooling Fan	120V AC 120mm High Speed Cooling Fan	220/120V AC 120mm High Speed Cooling Fan	Pieces	drive/folders/ 18duHcktmz T1QRXVuiVt tSuXc_h-
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	BfB69
73	Place the screen/grill of the fan on top of the Hole.					
	Fig 4.0 for the hole assignment					
	0					

$\square$		Name	Description	Metric Conversion	Unit of	https://drive. google.com/
					Measure	drive/folders/
		Cooling Fan	120V AC 120mm High Speed Cooling Fan	220/120V AC 120mm High Speed Cooling Fan	Pieces	18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	BIB09
		6/32" Allen screws	6/32" Allen screws	5 mm Allen screws		
		Washer				
	Place	Nuts	Washer and Nuts	Washer and Nuts	Set	
74	screws, washers and nuts on each sides					

		Name	Description	Metric Conversion	Unit of Measure	Wood Clamp	https://drive. google.com/ drive/folders/
		Cooling Fan	120V AC 120mm High Speed Cooling Fan	220/120V AC 120mm High Speed Cooling Fan	Pieces		18duHcktmz T1QRXVuiVt tSuXc_h-
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit		BfB69
		6/32" Allen screws	6/32" Allen screws	5 mm Allen screws			
		Washer					
	Clamp the	Nuts	Washer and Nuts	Washer and Nuts	Set		
75	Fan Deck into the board						

		Name	Description	Metric Conversion	Unit of Measure	Allen head, 5/16"	https://drive. google.com/ drive/folders/
		Cooling Fan	120V AC 120mm High Speed Cooling Fan	220/120V AC 120mm High Speed Cooling Fan	Pieces	wrench	18duHcktmz T1QRXVuiVt tSuXc_h-
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit		BfB69
		6/32" Allen screws	6/32" Allen screws	5 mm Allen screws			
		Washer					
	Tighten the	Nuts	Washer and Nuts	Washer and Nuts	Set		
76	screws and nuts on the Fan deck						

Material

Tools Youtube Link

## **Brain Installation**

Material

$\square$		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
	Remove the	Terminal Block Breakout Shield Nano/Micro	DIN Rail Mount Screw Terminal Block Breakout Module Board for Arduino Nano/Micro. (Option 2 for Arduino Terminal Adaptor must match Arduino Processor)	DIN Rail Mount Screw Terminal Block Breakout Module Board for Arduino Nano/Micro. (Option 2 for Arduino Terminal Adaptor must match Arduino Processor)	Unit	18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
	Terminal Block	DIN Rail Mount	DIN Rail Mount	DIN Rail Mount	Unit	
77	Breakout Shield and the Power Supply from the Din Rail	Arduino 33 IoT	Arduino 33 loT (Option 1 for Arduino Processor)	Arduino 33 loT (Option 1 for Arduino Processor)	Unit	
	Mount			·		

Material

		Name	Description	Metric Conversion	Unit of Measure	Drill Bit Machine	https://drive. google.com/ drive/folders
	Drill a screw	Terminal Block Breakout Shield Nano/Micro	DIN Rail Mount Screw Terminal Block Breakout Module Board for Arduino Nano/Micro. (Option 2 for Arduino Terminal Adaptor must match Arduino Processor)	DIN Rail Mount Screw Terminal Block Breakout Module Board for Arduino Nano/Micro. (Option 2 for Arduino Terminal Adaptor must match Arduino Processor)	Unit		18duHcktmz T1QRXVuiV tSuXc_h- BfB69
	into the 1st hole of the DIN Rail	DIN Rail Mount	DIN Rail Mount	DIN Rail Mount	Unit		
78	Mount into the sides of	Screws	Screws	Screws			
	the sides of the Frame. (Beside the Sieve Canister and	Arduino 33 IoT	Arduino 33 IoT (Option 1 for Arduino Processor)	Arduino 33 IoT (Option 1 for Arduino Processor)	Unit		
	Spiral Coil)						

Material

		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		Block Sc Breakout Blo Shield Mo Nano/Micro Ard (O Ard Ad ma	DIN Rail Mount Screw Terminal Block Breakout Module Board for Arduino Nano/Micro. (Option 2 for Arduino Terminal Adaptor must match Arduino Processor)	DIN Rail Mount Screw Terminal Block Breakout Module Board for Arduino Nano/Micro. (Option 2 for Arduino Terminal Adaptor must match Arduino Processor)		18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
	Place the Terminal	DIN Rail Mount	DIN Rail Mount	DIN Rail Mount	Unit	
79	Block Break Out Shield	Screws	Screws	Screws		
	back into the DIN Rail Mount	Arduino 33 IoT	Arduino 33 IoT (Option 1 for Arduino Processor)	Arduino 33 loT (Option 1 for Arduino Processor)	Unit	

Material

		Name	Description	Metric Conversion	Unit of Measure	Drill Bit Machine	https://drive. google.com/ drive/folders/
		Terminal Block Breakout Shield Nano/Micro	DIN Rail Mount Screw Terminal Block Breakout Module Board for Arduino Nano/Micro. (Option 2 for Arduino Terminal Adaptor must match Arduino Processor)	DIN Rail Mount Screw Terminal Block Breakout Module Board for Arduino Nano/Micro. (Option 2 for Arduino Terminal Adaptor must match Arduino Processor)	Unit		18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
80	Drill a screw into the hole of the DIN Rail Mount	Arduino Nano	Arduino Nano (Option 2 for Arduino Processor)	Arduino Nano (Option 2 for Arduino Processor)	Unit		
	below the Barrier Strip	DIN Rail Mount	DIN Rail Mount	DIN Rail Mount	Unit		
		Screws	Screws	Screws			
		Bracket Holder Carrier Clips/Barrier Strip	PCB DIN Rail Mounting Adapter Circuit Board Mounting Bracket Holder, Carrier Clips, for 35mm, 15mm DIN Rail (Green)	PCB DIN Rail Mounting Adapter Circuit Board Mounting Bracket Holder, Carrier Clips, for 35mm, 15mm DIN Rail (Green)	Unit		

		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		Terminal Block Breakout Shield Nano/Micro	DIN Rail Mount Screw Terminal Block Breakout Module Board for Arduino Nano/Micro. (Option 2 for Arduino Terminal Adaptor must match Arduino Processor)	DIN Rail Mount Screw Terminal Block Breakout Module Board for Arduino Nano/Micro. (Option 2 for Arduino Terminal Adaptor must match Arduino Processor)	Unit	18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
	Place the	DIN Rail Mount	DIN Rail Mount	DIN Rail Mount	Unit	
81	Power Supply back	Screws	Screws	Screws		
	onto the DIN Rail Mount	Bracket Holder Carrier Clips/Barrier Strip	PCB DIN Rail Mounting Adapter Circuit Board Mounting Bracket Holder, Carrier Clips, for 35mm, 15mm DIN Rail (Green)	PCB DIN Rail Mounting Adapter Circuit Board Mounting Bracket Holder, Carrier Clips, for 35mm, 15mm DIN Rail (Green)	Unit	
		Arduino 33 IoT	Arduino 33 IoT (Option 1 for Arduino Processor)	Arduino 33 IoT (Option 1 for Arduino Processor)	Unit	
			·	·		

$\square$		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		Brain Assembly	End Product of the Brain Assembly	End Product of the Brain Assembly	Lot	18duHcktmz T1QRXVuiVt tSuXc_h-
		Cooling Fan	120V AC 120mm High Speed Cooling Fan	220/120V AC 120mm High Speed Cooling Fan	Pieces	BfB69
					<u> </u>	
	Connect the					
82	Fan wirings from the Brain into the Fan Decks					

Γ		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		2- way Solenoid Valve	2/2 Direct Acting Solenoid Valve 1/4" ports 110V AC	Direct Acting Solenoid Valve 10mm ports 110/220VAC 50/60Hz	Unit	18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
	Position the	3- way Solenoid Valve	3/8" NPT 3-Way Solenoid Valve, 110 V AC	10mm FNPT 3 Port 2 Way Solenoid Valve, 110/220 VAC 50/60Hz	Unit	
83	valves into the Frame. 2 units of 3- way Solenoid Valve placed under the Sieve Canister Assembly, and 1 unit 2- way Solenoid Valve on top of the top cross piece.					

## Pressure Regulator Mounting

		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		Pressure Regulator	Low Pressure Regulator 3 to 30PSI	Low Pressure Regulator 3 Mpa to 30 Mpa 6.35mm FNPT Ports	Unit	18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
84	Remove the Gauge from the Pressure					
	Regulator					

		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		Pressure Regulator	Low Pressure Regulator 3 to 30PSI	Low Pressure Regulator 3 Mpa to 30 Mpa 6.35mm FNPT Ports	Unit	18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
85	Place a teflon tape on the					
	gauge					

		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		Pressure Regulator	Low Pressure Regulator 3 to 30PSI	Low Pressure Regulator 3 Mpa to 30 Mpa 6.35mm FNPT Ports	Unit	18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
86	Reattach the gauge into the Pressure					
	regulator					

		Name	Description	Metric Conversion	Unit of Measure	Wrench	https://drive. google.com/ drive/folders/
		Pressure Regulator	Low Pressure Regulator 3 to 30PSI	Low Pressure Regulator 3 Mpa to 30 Mpa 6.35mm FNPT Ports	Unit		18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
							DIDU3
87	Tighten the Gauge						

		Name Pressure Regulator	Description Low Pressure Regulator 3 to 30PSI	Metric Conversion Low Pressure Regulator 3 Mpa to 30 Mpa 6.35mm FNPT Ports	Unit of Measure Unit	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4l SACj989yU3 a/Video?dl= 0&preview=
88	Connect Elbow fittings into 2 sides the Pressure Regulator	1/4" Male Elbow Push- in Connect Fittings	1/4" Male NPT to 3/8"Push to Connect - 90 Elbow	6mm Male NPT to 6mm Push to Connect - 90 Elbow	Piece	

		Name	Description	Metric Conversion	Unit of Measure	Wrench	https://www. dropbox.com /sh/ny5zjc07
		Pressure RegulatorLow Pressure Regulator 3 to 30PSILow Pressure Regulator 3 Mpa to 30 Mpa 6.35mm FNPT PortsUnit		flfr7w5/AABn 1HDv42Nn4l SACj989yU3 a/Video?dl= 0&preview=			
		1/4" Male Elbow Push- in Connect Fittings	1/4" Male NPT to 3/8"Push to Connect - 90 Elbow	6mm Male NPT to 6mm Push to Connect - 90 Elbow	Piece		OxiKit+Final +Assembly+ Tutorial+3+o f+4.MP4&su
							bfolder_nav_ tracking=1
89	Tighten the Fittings						

		Name Pressure Regulator	Description Low Pressure Regulator 3 to 30PSI	Metric Conversion Low Pressure Regulator 3 Mpa to 30 Mpa 6.35mm FNPT Ports	Unit of Measure Unit	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI=
90	D Loosen the Bracket Retain ring	1/4" Male Elbow Push- in Connect Fittings	1/4" Male NPT to 3/8"Push to Connect - 90 Elbow	_	Piece	

Material

		Name Elbow Push-in Connect Fittings	Description 3/8"Push to Connect to 3/8"Push to Connect - 90 Elbow	Metric Conversion 10mm Push to Connect to 10mm Push to Connect - 90 Elbow	Unit of Measure Piece	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dl= 0&preview=
		Pressure Regulator	Low Pressure Regulator 3 to 30PSI	Low Pressure Regulator 3 Mpa to 30 Mpa 6.35mm FNPT Ports	Unit	OxiKit+Final +Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_
	Mount the	Pressure Regulator Bracket	Pressure Regulator Bracket	Pressure Regulator Bracket	Piece	tracking=1
91	Regulator into the Frame (left Side) Below	Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	
	the Fan Deck					

Material

		Name	Description	Metric Conversion	Unit of Measure	Drill Bit Machine	https://www. dropbox.com /sh/ny5zjc07
		Pressure Regulator Bracket	Pressure Regulator Bracket	Pressure Regulator Bracket	Piece		flfr7w5/AABn 1HDv42Nn4I SACj989yU3
		Screws	Screws	Screws			a/Video?dl= 0&preview=
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit		OxiKit+Final +Assembly+ Tutorial+3+o f+4.MP4&su
							bfolder_nav_ tracking=1
	Secure the Bracket by						
92	placing screws into the Bracket.						

		Name	Description	Metric Conversion	Unit of Measure	https://www. dropbox.com /sh/ny5zjc07
		Pressure Regulator Bracket	Pressure Regulator Bracket	Pressure Regulator Bracket	Piece	flfr7w5/AABr 1HDv42Nn4 SACj989yU3 a/Video?dl=
		Screws	Screws	Screws		0&preview=
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	OxiKit+Final +Assembly+ Tutorial+3+o f+4.MP4&su
						bfolder_nav_ tracking=1
93	Attach the Regulator into the mounted Bracket.					

		Name	Description	Metric Conversion	Unit of Measure	https://www. dropbox.com /sh/ny5zjc07
		Pressure Regulator Bracket	Pressure Regulator Bracket	Pressure Regulator Bracket	Piece	flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI=
		Screws	Screws	Screws		0&preview=
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	OxiKit+Final +Assembly+ Tutorial+3+o f+4.MP4&su
						bfolder_nav_ tracking=1
94	Reattach the Bracket Retain Ring to secure the Pressure regulator into the Bracket.					

Material

Tools Youtube Link

## Gas Flow Meter Mounting

		Name	Description	Metric Conversion	Unit of Measure	Pencil	https://www. dropbox.com /sh/ny5zjc07
		Gas Flowmeter	3-30LPM LZQ-7 Oxygen Air Gas Flowmeter (Only Need 15 LPM Max, Avoid SHLLJ Brand - Marked Wrong)	3-30LPM LZQ-7 Oxygen Air Gas Flowmeter (Only Need 15 LPM Max, Avoid SHLLJ Brand - Marked Wrong)	Unit		flfr7w5/AABn 1HDv42Nn4 SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o
95	Mark the position of the Gas Flowmeter into the Frame(left side, beside the top portion of the Sieve)						f+4.MP4&su bfolder_nav_ tracking=1

$\square$		Name	Description	Metric Conversion	Unit of Measure	Drill Bit Machine, Drill Bit	https://www. dropbox.com /sh/ny5zjc07
96	Drill holes into the labelled position of the Gas Flowmeter	Gas Flowmeter	3-30LPM LZQ-7 Oxygen Air Gas Flowmeter (Only Need 15 LPM Max, Avoid SHLLJ Brand - Marked Wrong)			Machine, Drill Bit 1/2"	dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

Material

Tools Youtube Link

## Oxygen Connection Circuit

Please refer to Fig 2 and 3.0 for this section of the workflow

		Name	Description	Metric Conversion	Unit of Measure	Ruler	https://www. dropbox.com /sb/ny5zic07
97	Measure 1.5" or 40mmTube	Tubing	Description High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID,			

		Name	Description	Metric Conversion	Unit of Measure	Scissors/ Cutter	https://www. dropbox.com /sb/ny5zic07
98	Cut 7 Tubings with 1.5" or 40mm length	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID,			dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

$\square$		Name	Description	Metric Conversion	Unit of Measure	Ruler	https://www. dropbox.com /sh/ny5zjc07
99	Measure 2" or 50mm Tube	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter		/sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4l SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

		Name Tubing	Description High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	Metric Conversion High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	Unit of Measure meter	Scissors/ Cutter	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview= OxiKit+Final +Assembly+
100	Cut 2 Tubings with 2" or 50mm length						Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

$\square$		Name	Description	Metric Conversion	Unit of Measure	Ruler	https://www. dropbox.com /sh/nv5zic07
101	Measure 4" or 104mm Tube	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter		/sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

		Name Tubing	Description High Density Polyethylene (HDPE) Tubing, 1/4"	Metric Conversion High Density Polyethylene (HDPE) Tubing, 6mm ID,	Unit of Measure meter	Scissors/ Cutter	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3
102	Cut 2 Tubings with 4" or 104mm length		(HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)				a/Video?dl= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

TubingHigh DensityHigh Densitymeterflfr7PolyethylenePolyethylene (HDPE)Polyethylene (HDPE)1H(HDPE) Tubing, 1/4"Tubing, 6mm ID,SAID, 3/8" OD (10 Feet10mm OD (3 metersa/\Per MachinePer Machine08	sh/ny5zjc07
+A Tur f+4 bfo	fr7w5/AABn HDv42Nn4I ACj989yU3 a/Video?dl= 0&preview= 0xiKit+Final -Assembly+ futorial+3+o +4.MP4&su folder_nav_ tracking=1

		Name Tubing	Description High Density	Metric Conversion High Density	Unit of Measure meter	Scissors/ Cutter	
104	Cut 2 Tubings with 2" or 50mm tube with Orifices	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	Polyethylene (HDPE) Tubing, 6mm ID,			/sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

		Name	Description	Metric Conversion	Unit of Measure	Ruler	https://www. dropbox.com /sh/ny5zic07
105	Measure 3" or 80mm Tube with Orifice	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter		/sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

		Name Tubing	Description High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	Metric Conversion High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	Unit of Measure meter	Scissors/ Cutter	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview= OxiKit+Final
106	Cut Tubing with 3" or 80mm Tube with Orifices		Required)	Required)			+Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

		Name	Description	Metric Conversion	Unit of Measure	https://www. dropbox.com /sh/ny5zjc07
		Elbow Push-in Connect Fittings	3/8"Push to Connect to 3/8"Push to Connect - 90 Elbow	10mm Push to Connect to 10mm Push to Connect - 90 Elbow	Piece	flfr7w5/AABn 1HDv42Nn4l SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final
107	Connect the 3' or 80mm Tubing with Orifice to the	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	+Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1
	1st Elbow Fitting					

		Name Elbow Push-in Connect Fittings	Description 3/8"Push to Connect to 3/8"Push to Connect - 90 Elbow	Metric Conversion 10mm Push to Connect to 10mm Push to Connect - 90 Elbow	Unit of Measure Piece	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview= OxiKit+Final
108	Connect the other end of the 1st Elbow Fitting with the 1st 1.5" or 40mm tube	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	OXIKIT+Final +Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

		Name Tee Push to connect fittings	Description 3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect - Tee	Metric Conversion 10mm Push to Connect to 10mm Push to Connect - Tee	Unit of Measure Piece	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4l SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final
109	Connect the other end of the 1st 1.5" or 40mm to the 1st Tee(middle portion) fitting	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	+Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

		Name Tee Push to connect fittings	Description 3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to	Metric Conversion 10mm Push to Connect to 10mm Push to Connect - Tee	Unit of Measure Piece	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview= OxiKit+Final
110	Connect the other end of the 1st Tee Fitting(Right portion) to the 1st 2"or 50mm tubing with Orifice	Tubing	Connect - Tee High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	+Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

		Name Tee	Description 3/8"Push to	Metric Conversion	Unit of Measure Piece	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn
		Push to connect fittings	Connect to 3/8"Push to Connect to 3/8"Push to Connect - Tee	Connect to 10mm Push to Connect - Tee		1HDv42Nn4l SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final
111	Connect the other end of the 1st 2" or 50 mm tubing with orifice into the 2nd Tee fitting (left portion)	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	+Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

		Name Tee Push to connect fittings	Description 3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect - Tee	Metric Conversion 10mm Push to Connect to 10mm Push to Connect - Tee	Unit of Measure Piece	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview= OxiKit+Final
112	Connect the 1st Tee Fitting(left portion) into the 2nd 2" or 50mm Tubing with Orifice	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	+Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

$\square$		Name	Description	Metric Conversion	Unit of		https://www. dropbox.com
					Measure		/sh/ny5zjc07
		Tee Push to connect fittings	3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect - Tee	10mm Push to Connect to 10mm Push to Connect - Tee	Piece	1HDv4 SACj9 a/Vide 0⪯ OxiKit	flfr7w5/AABn 1HDv42Nn4l SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final +Assembly+
113	Connect the other end of the 2nd 2" or 50mm Tubing to the 3rd Tee Fitting(Right	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter		Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1
	portion)						

		Name Tee Push to connect fittings	Description 3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect - Tee	Metric Conversion 10mm Push to Connect to 10mm Push to Connect - Tee	Unit of Measure Piece	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final
114	Connect the 3rd Tee Fitting(left portion) into the 2nd 1.5" or 40mm tubing	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	+Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

		Name Elbow Push-in Connect Fittings	Description 3/8"Push to Connect to 3/8"Push to Connect - 90 Elbow	Metric Conversion 10mm Push to Connect to 10mm Push to Connect - 90 Elbow	Unit of Measure Piece	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview= OxiKit+Final
115	Connect the other end of the 2nd 1.5" or 40mm tubing into the 2nd Elbow Fitting	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	+Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

		Name Elbow Push-in Connect Fittings	Description 3/8"Push to Connect to 3/8"Push to Connect - 90 Elbow	Metric Conversion 10mm Push to Connect to 10mm Push to Connect - 90 Elbow	Unit of Measure Piece	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4l SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final
116	Connect the 2nd Tee Fitting(right portion) into the 3rd 1.5" or 40mm tubing	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	+Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

		Name Elbow Push-in Connect Fittings	Description 3/8"Push to Connect to 3/8"Push to Connect - 90 Elbow	Metric Conversion 10mm Push to Connect to 10mm Push to Connect - 90 Elbow	Unit of Measure Piece	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview=
117	Connect the other end of the 3rd 1.5" or 40mm tubing into the 3rd Elbow Fitting	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	OxiKit+Final +Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

		Name Tee Push to connect fittings	Description 3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to	Metric Conversion 10mm Push to Connect to 10mm Push to Connect - Tee	Unit of Measure Piece	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview=
118	Connect the 2nd Tee Fitting(middl e portion)	Tubing	Connect - Tee High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	OxiKit+Final +Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1
	into the 1st 4" or 104mm Tubing					

		Name Elbow Push-in Connect	Description 3/8"Push to Connect to 3/8"Push to	Metric Conversion 10mm Push to Connect to 10mm Push to Connect -	Unit of Measure Piece	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3
		Fittings	Connect - 90 Elbow	90 Elbow		a/Video?dl= 0&preview= OxiKit+Final
119	Connect the other end of the 3rd Elbow fitting into the 1st 2" or 50mm Tubing	Tubing	Elbow High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	OxiKit+Final +Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

		Name Tee Push to connect fittings	Description 3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to	Metric Conversion 10mm Push to Connect to 10mm Push to Connect - Tee	Unit of Measure Piece	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview= OxiKit+Final
120	Connect the 3rd Tee Fitting(middl e portion) into the 2nd 4" or 104mm tubing	Tubing	Connect - Tee High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	+Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

		Name Elbow Push-in Connect Fittings	Description 3/8"Push to Connect to 3/8"Push to Connect - 90 Elbow	Metric Conversion 10mm Push to Connect to 10mm Push to Connect - 90 Elbow	Unit of Measure Piece	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview=
121	Connect the other end of the 2nd Elbow fitting into the 2nd 2" or 50mm Tubing	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	OxiKit+Final +Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

			1			 
		Name	Description	Metric Conversion	Unit of Measure	https://www. dropbox.com /sh/ny5zjc07
		Pressure Gauge	Pressure Gauge 1/4" NPT Back, 0- 60psi (Back Mount)	Pressure Gauge 6mm Male NPT Back, 0-41 psi (Back Mount)	Unit	flfr7w5/AABn 1HDv42Nn4l SACj989yU3 a/Video?dl= 0&preview=
		Teflon Tape	Teflon Tape	Teflon Tape	Roll	OxiKit+Final +Assembly+
122	Place Teflon tape on the gauges. Clockwise					Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

Material

	Name	Description	Metric	Linit of
	warne	Description	Metric Conversion	Unit of Measure
	Teflon Tape	Teflon Tape	Teflon Tape	Roll
	Brass Threaded Male to Female- Adapter Bushing	Brass 1/2-in NPT Male to 1/4" NPTFemale - Adapter Bushing	Brass13mm NPT Male to 6mm NPT Female - Adapter Bushing	Piece
Place Teflon to the Brass	1/4" Male Straight Push-in Connect Fittings	1/4" Male NPT to 3/8"Push to Connect - Strait	6mm Male NPT to 10mm Push to Connect - Strait	Piece
Threaded 23 Coupling and the Push to connect fittings				

124	Connect the Brass Threaded Coupling and the Push to connect fittings into the Gauges	Name Teflon Tape Pressure Gauge Brass Threaded Male to Female- Adapter Bushing 1/4" Male Elbow Push- in Connect Fittings	Description Teflon Tape Pressure Gauge 1/4" NPT Back, 0-60psi (Back Mount) Brass 1/2-in NPT Male to 1/4" NPTFemale - Adapter Bushing 1/4" Male NPT to 3/8"Push to Connect - 90 Elbow	Metric Conversion Teflon Tape Pressure Gauge 6mm Male NPT Back, 0-41 psi (Back Mount) Brass13mm NPT Male to 6mm NPT Female - Adapter Bushing 6mm Male NPT to 6mm Push to Connect - 90 Elbow	Unit of Measure Roll Unit Piece	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

		Name	Description	Metric Conversion	Unit of Measure	Wrench	https://www. dropbox.com /sh/ny5zjc07
		Teflon Tape	Teflon Tape	Teflon Tape	Roll		flfr7w5/AABn 1HDv42Nn4l
		Pressure Gauge	Pressure Gauge 1/4" NPT Back, 0-60psi (Back Mount)	Pressure Gauge 6mm Male NPT Back, 0-41 psi (Back Mount)	Unit		SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final
		Brass Threaded Male to Female- Adapter Bushing	Brass 1/2-in NPT Male to 1/4" NPTFemale - Adapter Bushing	Brass13mm NPT Male to 6mm NPT Female - Adapter Bushing	Piece		+Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1
125	Tighten the connections with wrench	1/4" Male Elbow Push- in Connect Fittings	1/4" Male NPT to 3/8"Push to Connect - 90 Elbow	6mm Male NPT to 6mm Push to Connect - 90 Elbow	Piece		

126	Do the same for the 2nd gauge	Name Teflon Tape Pressure Gauge Brass Threaded Male to Female- Adapter Bushing 1/4" Male Elbow Push- in Connect Fittings	Description Teflon Tape Pressure Gauge 1/4" NPT Back, 0-60psi (Back Mount) Brass 1/2-in NPT Male to 1/4" NPT Female - Adapter Bushing 1/4" Male NPT to 3/8"Push to Connect - 90 Elbow	Metric Conversion Teflon Tape Pressure Gauge 6mm Male NPT Back, 0-41 psi (Back Mount) Brass13mm NPT Male to 6mm NPT Female - Adapter Bushing 6mm Male NPT to 6mm Push to Connect - 90 Elbow	Unit of Measure Ionit Piece Piece	https://ww w.dropbo x.com/sh/ ny5zjc07f lfr7w5/AA Bn1HDv4 2Nn4ISA Cj989yU3 a/Video? dl=0⪯ view=Oxi Kit+Final +Assemb ly+Tutoria I+3+of+4. MP4⊂ folder_na v_trackin g=1

		Name Tee Push to connect fittings	Description 3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect - Tee	Metric Conversion 10mm Push to Connect to 10mm Push to Connect - Tee	Unit of Measure Piece	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview= OxiKit+Final
127	Connect the other end of the 2nd 4" or 104mm tubing into the 4th Tee Fitting(upper portion)	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	+Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

		Name Tee Push to connect fittings	Description 3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect - Tee	Metric Conversion 10mm Push to Connect to 10mm Push to Connect - Tee	Unit of Measure Piece	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview= OxiKit+Final
128	Connect the 4th Tee Fitting(lower portion) into the 4th 1.5" or 40mm Tubing	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	+Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

		Name Tee Push to connect fittings	Description 3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect - Tee	Metric Conversion 10mm Push to Connect to 10mm Push to Connect - Tee	Unit of Measure Piece	Measure	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final
129	Connect the 4th Tee Fitting(middl e Portion) into the 5th 1.5" or 40mm Tubing	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter		+Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

		Name Tee Push to connect fittings	Description 3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect - Tee	Metric Conversion 10mm Push to Connect to 10mm Push to Connect - Tee	Unit of Measure Piece	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview= OxiKit+Final
130	Connect the other end of the 1st 4" or 104mm Tubing into the 5th Tee Fitting(upper portion)	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	+Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

		Name Tee Push to connect fittings	Description 3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect - Tee	Metric Conversion 10mm Push to Connect to 10mm Push to Connect - Tee	Unit of Measure Piece	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4l SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final
131	Connect the 5th Tee Fitting(lower portion) into the 6th 1.5" or 40mm Tubing	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	+Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

		Name Tee Push to connect fittings	Description 3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect - Tee	Metric Conversion 10mm Push to Connect to 10mm Push to Connect - Tee	Unit of Measure Piece	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview= OxiKit+Final
132	Connect the 5th Tee Fitting (middle portion) into the 7th 1.5" or 40mm Tubing	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	+Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

		Name Tubing Pressure	Description High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required) Pressure Gauge	Metric Conversion High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required) Pressure Gauge	Unit of Measure meter Unit	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o f+4.MP4&su
133	Connect the other end of the 4th 1.5" or 40mm Tubing to the 1st Gauge	Gauge	1/4" NPT Back, 0- 60psi (Back Mount)	6mm Male NPT Back, 0-41 psi (Back Mount)		bfolder_nav_ tracking=1

Image: Second state of the second s			Name Tubing	Description High Density	Metric Conversion High Density	Unit of Measure meter		https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4l
134Pressure of the ofth 1.5" or 40mm Tubing into the 2ndPressure of the ofth 2.5" of the 2ndPressure of the ofthe				(HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine	(HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per		SAC a/Vi 0&p Oxil +As	Alpha SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o
134the 6th 1.5"135or 40mmTubing intothe 2nd		Connect the		1/4" NPT Back, 0- 60psi (Back	6mm Male NPT Back, 0-41 psi	Unit		f+4.MP4&su bfolder_nav_ tracking=1
	othe the 134 or Tub th	other end of the 6th 1.5" or 40mm Tubing into the 2nd						

	Name	Description	Metric Conversion	Unit of Measure		https://www. dropbox.com /sh/ny5zjc07
	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter		flfr7w5/AABn 1HDv42Nn4l SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o
	Pressure Gauge	Pressure Gauge 1/4" NPT Back, 0- 60psi (Back Mount)	Pressure Gauge 6mm Male NPT Back, 0-41 psi (Back Mount)	Unit	f+4.MP4 bfolder_	f+4.MP4&su bfolder_nav_ tracking=1
Place the oxygen connection circuit on top of the Sieve and the	Elbow Push-in Connect Fittings	3/8"Push to Connect to 3/8"Push to Connect - 90 Elbow	10mm Push to Connect to 10mm Push to Connect - 90 Elbow	Piece		
Surge tank	Tee Push to connect fittings	3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect - Tee	10mm Push to Connect to 10mm Push to Connect - Tee	Piece		
	connection circuit on top of the Sieve and the	Place the oxygen connection circuit on top of the Sieve and the Surge tank Tubing Pressure Gauge Elbow Push-in Connect Fittings Tee Push to connect	Place the oxygen connection circuit on top of the Sieve and the Surge tankElbow FittingsHigh Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)Place the oxygen connection circuit on top of the Sieve and the Surge tankPressure FittingsPressure Gauge 1/4" NPT Back, 0- 60psi (Back Mount)Place the oxygen connection circuit on top of the Sieve and the Surge tankSimple Simple	Place the oxygen connection circuit on top of the Sieve and the Surge tankHigh Density High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)Place the oxygen connection circuit on top of the Sieve and the Surge tankPressure ElbowPressure Gauge 1/4" NPT Back, 0- 60psi (Back Mount)Pressure Gauge 6mm Male NPT Back, 0-41 psi (Back Mount)Elbow Surge tank3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect to 10mm Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect to 10mm Push to Connect to 10mm Push to Connect - 90 Elbow	Place the oxygen connection circuit on top of the Sieve and theImage and the Surge tankHigh Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)meterPlace the oxygen connection circuit on top of the Sieve and the Surge tankPressure Surge tankPressure (Bow (10 Feet Per Machine Required)Pressure Gauge fittingsPressure Gauge fittingsUnitPlace the oxygen connection circuit on top of the Sieve and the Surge tankSime Sime Sauge (Connect Difficulty Sime Sauge) (Connect Difficulty Sime Sime Sauge) (Connect Difficulty Sime Sime Sauge) (Connect Difficulty Sime Sime Sauge) (Connect Difficulty Sime Sime Sime Sime Sime Sime Sime Sime	Place the oxygen connection cruit on top of the Sieve and the Surge tankImage: Connect to Surge tankHigh Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)High Density Polyethylene (HDPE) Tubing, (HDPE) Tubing, 

		Name Tubing	Description High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	Metric Conversion High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	Unit of Measure meter		https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview= OxiKit+Final +Assembly+
	Connect the	Pressure Gauge	Pressure Gauge 1/4" NPT Back, 0- 60psi (Back Mount)	Pressure Gauge 6mm Male NPT Back, 0-41 psi (Back Mount)	Unit	f+4.MI bfolde	Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1
136	open end of the 1st and 2nd 50mm Tubing to the 2 Sieve Cannister	Elbow Push-in Connect Fittings	3/8"Push to Connect to 3/8"Push to Connect - 90 Elbow	10mm Push to Connect to 10mm Push to Connect - 90 Elbow	Piece		
	Tank	Tee Push to connect fittings	3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect - Tee	10mm Push to Connect to 10mm Push to Connect - Tee	Piece		
		Sieve Canister Assembly	Complete and Finished Sieve Assembly	Complete and Finished Sieve Assembly	Lot		

		Name Tubing	Description High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	Metric Conversion High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	Unit of Measure meter		https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final +Assembly+
137		Pressure Gauge	Pressure Gauge 1/4" NPT Back, 0- 60psi (Back Mount)	Pressure Gauge 6mm Male NPT Back, 0-41 psi (Back Mount)	Unit	f+4.MP4 bfolder_u	Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1
	Connect the 80mm with Orifice Tubing into the Surge	Elbow Push-in Connect Fittings	3/8"Push to Connect to 3/8"Push to Connect - 90 Elbow	10mm Push to Connect to 10mm Push to Connect - 90 Elbow	Piece		
	Tank	Tee Push to connect fittings	3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect - Tee	10mm Push to Connect to 10mm Push to Connect - Tee	Piece		
		Surge Tank Assembly	Complete and Finished Surge Tank Assembly	Complete and Finished Surge Tank Assembly	Lot		

		Name	Description	Metric Conversion	Unit of Measure	https://www. dropbox.com
		2- way Solenoid Valve	2/2 Direct Acting Solenoid Valve 1/4" ports 110V AC	Direct Acting Solenoid Valve 10mm ports 110/220VAC 50/60Hz	Unit	/sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dl= 0&preview=
		1/4" Male Straight Push-in Connect Fittings	1/4" Male NPT to 3/8"Push to Connect - Strait	6mm Male NPT to 10mm Push to Connect - Strait	Piece	OxiKit+Final +Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1
138	Connect Push Fittings on the Equalizer Valve					

		Name	Description High Density	Metric Conversion High Density	Unit of Measure meter		https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn
139			Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)			1HDv42Nn4l SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o
		PressurePressure GaugePressure GaugeGauge1/4" NPT Back, 0-6mm Male NPT60psi (BackBack, 0-41 psiMount)(Back Mount)	6mm Male NPT Back, 0-41 psi	Unit	f+4.MP4a bfolder_n	f+4.MP4&su bfolder_nav_ tracking=1	
	Connect the 5th and 7th 40mm Tubing into the Equalizer Valve	Elbow Push-in Connect Fittings	3/8"Push to Connect to 3/8"Push to Connect - 90 Elbow	10mm Push to Connect to 10mm Push to Connect - 90 Elbow	Piece		
		Tee Push to connect fittings	3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect - Tee	10mm Push to Connect to 10mm Push to Connect - Tee	Piece		
		2- way Solenoid Valve	2/2 Direct Acting Solenoid Valve 1/4" ports 110V AC	Direct Acting Solenoid Valve 10mm ports 110/220VAC 50/60Hz	Unit		

		Name	Description	Metric Conversion	Unit of Measure	Drill Bit Machine	https://www. dropbox.com /sh/ny5zjc07
		Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter		flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o
	Secure the	Pressure Gauge	Pressure Gauge 1/4" NPT Back, 0- 60psi (Back Mount)	Pressure Gauge 6mm Male NPT Back, 0-41 psi (Back Mount)	Unit		f+4.MP4&su bfolder_nav_ tracking=1
140	Oxygen Connection Circuit into the Frame. Place Screws into the Tee	ConnectionElbow3.Circuit intoPush-inCthe Frame.Connect3.Place ScrewsFittingsCinto the TeeE	3/8"Push to Connect to 3/8"Push to Connect - 90 Elbow	10mm Push to Connect to 10mm Push to Connect - 90 Elbow	Piece		
	Fittings with Gauges	Tee Push to connect fittings	3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect - Tee	10mm Push to Connect to 10mm Push to Connect - Tee	Piece		
		2- way Solenoid Valve	2/2 Direct Acting Solenoid Valve 1/4" ports 110V AC	Direct Acting Solenoid Valve 10mm ports 110/220VAC 50/60Hz	Unit		
		Screws	Screws	Screws			

		Name	Description	Metric Conversion	Unit of Measure	Drill Bit Machine	https://www. dropbox.com /sh/ny5zjc07
		Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter		flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o
		Pressure Gauge	Pressure Gauge 1/4" NPT Back, 0- 60psi (Back Mount)	Pressure Gauge 6mm Male NPT Back, 0-41 psi (Back Mount)	Unit		f+4.MP4&su bfolder_nav_ tracking=1
141	Place 4 sets of washers into each screw	Elbow Push-in Connect Fittings	3/8"Push to Connect to 3/8"Push to Connect - 90 Elbow	10mm Push to Connect to 10mm Push to Connect - 90 Elbow	Piece		
		Tee Push to connect fittings	3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect - Tee	10mm Push to Connect to 10mm Push to Connect - Tee	Piece		
		2- way Solenoid Valve	2/2 Direct Acting Solenoid Valve 1/4" ports 110V AC	Direct Acting Solenoid Valve 10mm ports 110/220VAC 50/60Hz	Unit		
		Screws	Screws	Screws			
		Washer					

$\square$		Name	Description	Metric Conversion	Unit of Measure	Drill Bit Machine	https://www. dropbox.com /sh/ny5zjc07	
142	Tut	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter		flfr7w5/AABn 1HDv42Nn4l SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o	
		Pressure Gauge	Pressure Gauge 1/4" NPT Back, 0- 60psi (Back Mount)	Pressure Gauge 6mm Male NPT Back, 0-41 psi (Back Mount)	Unit		f+4.MP4&su bfolder_nav_ tracking=1	
	Tighten the Screws into the frame	Screwsinto	Elbow Push-in Connect Fittings	3/8"Push to Connect to 3/8"Push to Connect - 90 Elbow	10mm Push to Connect to 10mm Push to Connect - 90 Elbow	Piece		
		Tee Push to connect fittings	3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect - Tee	10mm Push to Connect to 10mm Push to Connect - Tee	Piece			
		2- way Solenoid Valve	2/2 Direct Acting Solenoid Valve 1/4" ports 110V AC	Direct Acting Solenoid Valve 10mm ports 110/220VAC 50/60Hz	Unit			
		Screws	Screws	Screws				
		Washer						

Material

Tools Youtube Link

## Surge Tank Pressure Gauge Connection

			I			
		Name	Description	Metric Conversion	Unit of Measure	https://www. dropbox.com /sh/ny5zjc07
		Pressure Gauge	Pressure Gauge 1/4" NPT Back, 0- 60psi (Back Mount)	Pressure Gauge 6mm Male NPT Back, 0-41 psi (Back Mount)	Unit	flfr7w5/AABn 1HDv42Nn4l SACj989yU3 a/Video?dl= 0&preview=
		Teflon Tape	Teflon Tape	Teflon Tape	Roll	OxiKit+Final +Assembly+
143	Place Teflon tape on the gauges. Clockwise					Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

Material

		Name	Description	Metric	Unit of	https:/ dropbo	
				Conversion	Measure	/sh/ny	
		Teflon Tape	Teflon Tape	Teflon Tape	Roll	flfr7w5 1HDv4	5/AABr
		Brass Threaded Male to Female- Adapter Bushing	Brass 1/2-in NPT Male to 1/4" NPTFemale - Adapter Bushing	Brass13mm NPT Male to 6mm NPT Female - Adapter Bushing	Piece	SACj9 a/Vide 0⪯ OxiKit +Asse Tutoria	989yU3 eo?dl= eview= t+Fina embly+ al+3+c
	Place Teflon to the Brass	1/4" Male Straight Push-in Connect Fittings	1/4" Male NPT to 3/8"Push to Connect - Strait	6mm Male NPT to 10mm Push to Connect - Strait	Piece	bfolde	P4&su r_nav_ ing=1
144	Threaded Coupling and the Push to connect fittings						

145	Connect the Brass Threaded Coupling and the Push to connect fittings into the Gauges	Name Teflon Tape Pressure Gauge Brass Threaded Male to Female- Adapter Bushing 1/4" Male Elbow Push- in Connect Fittings	Description Teflon Tape Pressure Gauge 1/4" NPT Back, 0-60psi (Back Mount) Brass 1/2-in NPT Male to 1/4" NPT Female - Adapter Bushing 1/4" Male NPT to 3/8"Push to Connect - 90 Elbow	Metric Conversion Teflon Tape Pressure Gauge 6mm Male NPT Back, 0-41 psi (Back Mount) Brass13mm NPT Male to 6mm NPT Female - Adapter Bushing 6mm Male NPT to 6mm Push to Connect - 90 Elbow	Unit of Measure Roll Unit Piece	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4l SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

		Name	Description	Metric Conversion	Unit of Measure	Scissors/ Cutter	https://www. dropbox.com /sh/ny5zjc07
146	Cut 1.5" or 40mm Tube	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID,		Cutter	dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

$\square$		Name	Description	Metric Conversion	Unit of	https://www. dropbox.com
		Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	Measure meter	/sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview= OxiKit+Final +Assembly+
	Connect 1.5"	Tee Push to connect fittings	3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect - Tee	10mm Push to Connect to 10mm Push to Connect - Tee	Piece	Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1
147	or 40mm Tubing into the side of the Tee fitting(right side)					

		Name	Description	Metric Conversion	Unit of Measure	Scissors/ Cutter	https://www. dropbox.com /sb/py5zic07
148	Cut 1" or 30mm tube	Name	Description High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID,			

		Name Tubing Tee Push to	Description High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required) 3/8"Push to Connect to	Metric Conversion High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required) 10mm Push to Connect to 10mm	Unit of Measure meter Piece	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4l SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o f+4.MP4&su
149	Connect to1" or 30mm Tubing into the Tee Fitting(middl e portion)	connect fittings	3/8"Push to Connect to 3/8"Push to Connect - Tee	Push to Connect - Tee		bfolder_nav_ tracking=1

		Name Tubing	Description High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	Metric Conversion High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	Unit of Measure meter	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview= OxiKit+Final +Assembly+
	Connect the other end of	Tee3/8"Push to10mm Push toPush toConnect toConnect to 10mmconnect3/8"Push toPush to Connect -fittingsConnect toTee3/8"Push toTee	Piece	Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1		
150	the1" or 30mm tube into the Gauge	Pressure Gauge	Pressure Gauge 1/4" NPT Back, 0- 60psi (Back Mount)	Pressure Gauge 6mm Male NPT Back, 0-41 psi (Back Mount)	Unit	

		Name Tubing	Description High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	Metric Conversion High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	Unit of Measure meter		https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview= OxiKit+Final +Assembly+
	Connect the other end of the 1.5" or	Tee Push to connect fittings	3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect - Tee	10mm Push to Connect to 10mm Push to Connect - Tee	Piece		Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1
151	40mm Tubing into the bottom part of the	40mm Pressure Gubing into Gauge the bottom part of the	Pressure Gauge 1/4" NPT Back, 0- 60psi (Back Mount)	Pressure Gauge 6mm Male NPT Back, 0-41 psi (Back Mount)	Unit		
	Surge Tank	Surge Tank Assembly	Complete and Finished Surge Tank Assembly	Complete and Finished Surge Tank Assembly	Lot		

		Name Tubing	Description High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	Metric Conversion High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	Unit of Measure meter	Scissors/ Cutter	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview= OxiKit+Final
152	Cut 12"or 300mm of tube		Required)	Required)			+Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

		Name Tubing	Description High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	Metric Conversion High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	Unit of Measure meter		https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview= OxiKit+Final +Assembly+
	Connect a 12" or 300mm	Tee Push to connect fittings	3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect - Tee	10mm Push to Connect to 10mm Push to Connect - Tee	Piece	f+4.MP4a bfolder_n	Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1
153	tubing into the the Tee Fitting (left portion) from	Surge Tank Assembly	Complete and Finished Surge Tank Assembly	Complete and Finished Surge Tank Assembly	Lot		
	the surge tank	Elbow Push-in Connect Fittings	3/8"Push to Connect to 3/8"Push to Connect - 90 Elbow	10mm Push to Connect to 10mm Push to Connect - 90 Elbow	Piece		
		Pressure Regulator	Low Pressure Regulator 3 to 30PSI	Low Pressure Regulator 3 Mpa to 30 Mpa 6.35mm FNPT Ports	Unit		

Material

		Name	Description	Metric Conversion	Unit of Measure	https://www.
		Name	Description	Metric Conversion	onic of Measure	dropbox.com
						/sh/ny5zjc07 flfr7w5/AABn
						1HDv42Nn4l
						SACj989yU3
						a/Video?dl=
						0&preview=
						OxiKit+Final +Assembly+
						Tutorial+3+o
						f+4.MP4&su
						bfolder_nav_
	Connect the					tracking=1
	other end of					
	the 12" or 300mm					
	Tubing into					
154	the					
	top(inflow)					
	portion of the Pressure					
	Regulator					
	. togunator					

Material

Tools Youtube Link

## Flow Meter Connection

$\left[ \right]$		Name Tubing	Description High Density	Metric Conversion High Density	Unit of Measure meter	Scissors/ Cutter	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I
			Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)				SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_
155	Cut a 2nd 12" or 300mm Tubing						tracking=1

$\square$		Name	Description	Metric Conversion	Unit of Measure	Hand Heat Torch	https://www. dropbox.com /sh/ny5zjc07
155	Heat the all ends of the 2nd 12" or 300mm Tubing to shrink the opening	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	Torch	/sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4l SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

Material

Tools Youtube Link

			1			 
		Name	Description	Metric	Unit of	https://www. dropbox.com
				Conversion	Measure	/sh/ny5zjc07
		Tubing	High Density	High Density	meter	flfr7w5/AABn
			Polyethylene	Polyethylene		1HDv42Nn4l
			(HDPE) Tubing,	(HDPE) Tubing,		SACj989yU3
			1/4" ID, 3/8" OD	6mm ID, 10mm		a/Video?dl= 0&preview=
			(10 Feet Per Machine	OD (3 meters Per Machine		OxiKit+Final
			Required)	Required)		+Assembly+
		Gas	2 201 DM 1 70 7	3-30LPM LZQ-7	Unit	Tutorial+3+o f+4.MP4&su
		Flowmeter	3-30LPM LZQ-7 Oxygen Air Gas	Oxygen Air Gas	Unit	bfolder_nav_
			Flowmeter (Only	Flowmeter (Only		tracking=1
	Connect the		Need 15 LPM	Need 15 LPM		
	heated 2nd 12" or		Max, Avoid SHLLJ Brand - Marked	Max, Avoid SHLLJ Brand - Marked		
	300mm		Wrong)	Wrong)		
157	tubing into					
	the lower					
	(outflow) portion of the					
	flow meter					

		Name Tubing	Description High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet		Unit of Measure meter	Scissors/ Cutter	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview=
158	Cut a 3rd 12" or 300mm Tubing		Per Machine Required)	Per Machine Required)			0&preview= OxiKit+Final +Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

Π		Name	Description	Metric Conversion	Unit of Measure	Hand Heat Torch	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn
159	Heat the all ends of the 3rd 300mm Tubing to shrink the opening	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter		flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

Material

Tools Youtube Link

			1				
		Name	Description	Metric	Unit of		https://www. dropbox.com
				Conversion	Measure		, /sh/ny5zjc07
		Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	flfr7w5/Av 1HDv42N SACj989 a/Video? 0&previe OxiKit+F +Assemb	flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview= OxiKit+Final +Assembly+
160	Connect the heated 3rd 12" or 300mm tubing into the upper(inflow) portion of the flow meter	Gas Flowmeter	3-30LPM LZQ-7 Oxygen Air Gas Flowmeter (Only Need 15 LPM Max, Avoid SHLLJ Brand - Marked Wrong)	3-30LPM LZQ-7 Oxygen Air Gas Flowmeter (Only Need 15 LPM Max, Avoid SHLLJ Brand - Marked Wrong)	Unit		Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

		Name	Description	Metric Conversion	Unit of Measure	Wire Cutter Pliers	
161	Cut 5" of Nichrome Wire	Nichrome Wire	50 feet Nichrome 80 wire 206				dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

Material

Tools Youtube Link

$\square$		Name	Description	Metric	Unit of		https://www. dropbox.com
	<ul> <li>Secure the connection of the outflow of the Flow meter by Wrapping</li> <li>and twisting the Nichrome wire into the connected tube and the flow meter(lower portion)</li> </ul>	Nichrome Wire	50 feet Nichrome 80 wire 206	Conversion 15,240 mm Nichrome 80 wire 206	Measure Gram		/sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3
		ecure the onnection I I I I I I I I I I I I I I I I I I I	Flowmeter (Only	3-30LPM LZQ-7 Oxygen Air Gas Flowmeter (Only Need 15 LPM Max, Avoid SHLLJ Brand - Marked Wrong)	Unit 0& Oxi +As Tut f+4 bfol	a/Video?dl= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1	
162		Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter		

		Name	Description	Metric Conversion	Unit of Measure	Wire Cutter Pliers	https://www. dropbox.com /sh/ny5zjc07
		Nichrome Wire	50 feet Nichrome 80 wire 206	15,240 mm Nichrome 80 wire 206	Gram		flfr7w5/AABn 1HDv42Nn4l SACj989yU3 a/Video?dl=
							0&preview= OxiKit+Final +Assembly+ Tutorial+3+o
							f+4.MP4&su bfolder_nav_ tracking=1
163	Cut the						
103	excess wire						

		Name	Description	Metric Conversion	Unit of Measure	Wire Cutter Pliers	https://www. dropbox.com /sh/ny5zjc07
		Nichrome Wire	50 feet Nichrome 80 wire 206	15,240 mm Nichrome 80 wire 206	Gram		flfr7w5/AABn 1HDv42Nn4l SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1
164	Cut 5" of Nichrome Wire						

Material

		Name	Description	Metric Conversion	Unit of Measure	https://www. dropbox.com /sh/ny5zjc07
		Nichrome Wire	50 feet Nichrome 80 wire 206	15,240 mm Nichrome 80 wire 206	Gram	flfr7w5/AABn 1HDv42Nn4I SACj989yU3
	Secure the connection	nnection	3-30LPM LZQ-7 Oxygen Air Gas Flowmeter (Only Need 15 LPM Max, Avoid SHLLJ Brand - Marked Wrong)	3-30LPM LZQ-7 Oxygen Air Gas Flowmeter (Only Need 15 LPM Max, Avoid SHLLJ Brand - Marked Wrong)	Unit	a/Video?dl= 0&preview= 0xiKit+Final +Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1
165	the Nichrome wire into the connected	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	
	tube and the flow meter(upper portion)		<u></u>			

$\square$		Name	Description	Metric Conversion	Unit of Measure	Wire Cutter Pliers	https://www. dropbox.com /sh/ny5zjc07
		Nichrome Wire	50 feet Nichrome 80 wire 206	15,240 mm Nichrome 80 wire 206	Gram		flfr7w5/AABn 1HDv42Nn4l SACj989yU3 a/Video?dl=
							0&preview= OxiKit+Final +Assembly+ Tutorial+3+o
							f+4.MP4&su bfolder_nav_ tracking=1
166	Cut the excess wire						

$\square$		Name	Description	Metric Conversion	Unit of Measure	https://www. dropbox.com /sh/ny5zjc07
		upper and	3-30LPM LZQ-7 Oxygen Air Gas Flowmeter (Only Need 15 LPM Max, Avoid SHLLJ Brand - Marked Wrong)	3-30LPM LZQ-7 Oxygen Air Gas Flowmeter (Only Need 15 LPM Max, Avoid SHLLJ Brand - Marked Wrong)	Unit	flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o
	Insert the upper and lower tubing		High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	f+4.MP4&su bfolder_nav_ tracking=1
167	into the hole drilled in the Frame for the Flow Meter	Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	

$\square$		Name	Description	Metric Conversion	Unit of Measure	https://www. dropbox.com /sh/ny5zjc07
		Gas Flowmeter	3-30LPM LZQ-7 Oxygen Air Gas Flowmeter (Only Need 15 LPM Max, Avoid SHLLJ Brand - Marked Wrong)	3-30LPM LZQ-7 Oxygen Air Gas Flowmeter (Only Need 15 LPM Max, Avoid SHLLJ Brand - Marked Wrong)	Unit	flfr7w5/AABn 1HDv42Nn4l SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o
	Secure the Flow meter	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	f+4.MP4&su bfolder_nav_ tracking=1
168	into the frame	Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	

		Name	Description	Metric Conversion	Unit of Measure	https://www. dropbox.com /sh/ny5zjc07
		Gas Flowmeter	3-30LPM LZQ-7 Oxygen Air Gas Flowmeter (Only Need 15 LPM Max, Avoid SHLLJ Brand - Marked Wrong)	3-30LPM LZQ-7 Oxygen Air Gas Flowmeter (Only Need 15 LPM Max, Avoid SHLLJ Brand - Marked Wrong)	Unit	flfr7w5/AABn 1HDv42Nn4l SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o
	Connect the lower portion of tube of the flow meter(outflo	ver portion ube of the flow eter(outflo ) into the Pressure egulator	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	f+4.MP4&su bfolder_nav_ tracking=1
169	w) into the Pressure regulator (Lower		Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	
	portion - output side)	Pressure Regulator	Low Pressure Regulator 3 to 30PSI	Low Pressure Regulator 3 Mpa to 30 Mpa 6.35mm FNPT Ports	Unit	
		Elbow Push-in Connect Fittings	3/8"Push to Connect to 3/8"Push to Connect - 90 Elbow	10mm Push to Connect to 10mm Push to Connect - 90 Elbow	Piece	

## **Bubbler and Air Filter Connection**

$\square$		Name	Description	Metric Conversion	Unit of Measure	Scissors/ Cutter	https://www. dropbox.com /sh/ny5zjc07
170	Cut off and shorten the tube inside the Bubbler around 1" from the end	Name Humidifier Water Bottle	Description Humidifier Water Bottle				dropbox.com

$\square$		Name	Description	Metric Conversion	Unit of Measure	Wire Cutter	https://www. dropbox.com
		Humidifier Water Bottle	Humidifier Water Bottle	Humidifier Water Bottle	Pieces	Pliers	/sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I
171	Trim and cut off the tip side coverof the bubbler, to expose the nipple of the bubbler				Pieces		

		Name Tubing	Description High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	Metric Conversion High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	Unit of Measure meter	Scissors/ Cutter	https://www. dropbox.com /sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview= OxiKit+Final
172	Cut a 4th 12" or 300mm Tubing		Required)	Required)			+Assembly+ Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

		Name	Description	Metric Conversion	Unit of Measure	Hand Heat Torch	https://www. dropbox.com /sh/ny5zjc07
173	Heat the all ends of the 4th 300mm Tubing to shrink the opening	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter		

Material

		Name	Description	Metric Conversion	Unit of Measure	https://www. dropbox.com /sh/ny5zjc07
		Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	flfr7w5/AABn 1HDv42Nn4l SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o
		Humidifier Water Bottle	Humidifier Water Bottle	Humidifier Water Bottle	Pieces	f+4.MP4&su bfolder_nav_ tracking=1
174	Insert the 4th 300mm Tubing into the nipple of the bubbler					

		Name	Description	Metric Conversion	Unit of Measure	Wire Cutter Pliers	https://www. dropbox.com /sh/ny5zjc07
		Nichrome Wire	50 feet Nichrome 80 wire 206	15,240 mm Nichrome 80 wire 206	Gram		flfr7w5/AABn 1HDv42Nn4l SACj989yU3 a/Video?dl=
							0&preview= OxiKit+Final +Assembly+ Tutorial+3+o
							f+4.MP4&su bfolder_nav_ tracking=1
	Cut 5" of						
175	Nichrome Wire						

		Name	Description	Metric Conversion	Unit of Measure	https://www. dropbox.com /sh/ny5zjc07
		TubingHigh DensityHigh DensitymeterPolyethylenePolyethylene(HDPE) Tubing,(HDPE) Tubing,1/4" ID, 3/8" OD6mm ID, 10mm OD(10 Feet Per(3 meters PerMachineMachine Required)Required)Kequired	flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o			
	Secure the	Humidifier Water Bottle	Humidifier Water Bottle	Humidifier Water Bottle	Pieces	f+4.MP4&su bfolder_nav_ tracking=1
176	connection by Wrapping and twisting the Nichrome wire into the connected tube into the nipple of the Bubbler					

$\square$		Name	Description	Metric Conversion	Unit of Measure	Wire Cutter Pliers	https://www. dropbox.com /sh/ny5zjc07
		Nichrome Wire	50 feet Nichrome 80 wire 206	15,240 mm Nichrome 80 wire 206	Gram		flfr7w5/AABn 1HDv42Nn4l SACj989yU3 a/Video?dl=
							0&preview= OxiKit+Final +Assembly+ Tutorial+3+o
							f+4.MP4&su bfolder_nav_ tracking=1
	Cut the						
177	excess wire						

NameDescriptionMetricUnit of MeasureFrameCompleteCompleteUnitFrameCompleteAssembly of the FrameAssembly of the FrameSACj989yU3 a/Video?dl=HumidifierHumidifier Water BottleHumidifier Water BottlePiecesBottleSateBottleOxiKit+Final +Assembly+ Tutorial+3+co f+4.MP4&su							
178       Place the         179       Place the <td< td=""><td></td><td></td><td>Name</td><td>Description</td><td></td><td></td><td>https://www. dropbox.com</td></td<>			Name	Description			https://www. dropbox.com
Humidifier Water Bottle Bottle Bottle       Vater Bottle     Bottle     Pieces     0&preview=       0.00000000000000000000000000000000000			Frame	Assembly of the	Complete Assembly of the		flfr7w5/AABn 1HDv42Nn4l SACj989yU3
178       Place the         108       Place the         bubbler into       Hole 3.         Please       refer to         refer to       Fig 4.0         for the       Hole assignem			Water			Pieces	0&preview= OxiKit+Final +Assembly+
	178	bubbler into Hole 3. Please refer to Fig 4.0 for the Hole assignem			1	1	Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1

Material

		Name	Description	Metric Conversion	Unit of Measure	Scissors/ Cutter	https://www. dropbox.com /sh/ny5zjc07
		Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	Polyethylene ng, (HDPE) Tubing, OD 6mm ID, 10mm	meter		flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview= OxiKit+Final +Assembly+
	Cut excess tube from the upper portion	Humidifier Water Bottle	Humidifier Water Bottle	Humidifier Water Bottle	Pieces		Tutorial+3+o f+4.MP4&su bfolder_nav_ tracking=1
179	of the flow meter and the tubing from the bubbler. Ensure the tube from bubbler and end of the Flow meter will connect.	Gas Flowmeter	3-30LPM LZQ-7 Oxygen Air Gas Flowmeter (Only Need 15 LPM Max, Avoid SHLLJ Brand - Marked Wrong)	3-30LPM LZQ-7 Oxygen Air Gas Flowmeter (Only Need 15 LPM Max, Avoid SHLLJ Brand - Marked Wrong)	Unit		

Material

$\square$		Name	Description	Metric Conversion	Unit of Measure	Hand Heat Torch	https://www. dropbox.com /sh/ny5zjc07
		Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter		flfr7w5/AABn 1HDv42Nn4l SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o
		Humidifier Water Bottle	Humidifier Water Bottle	Humidifier Water Bottle	Pieces		f+4.MP4&su bfolder_nav_ tracking=1
180	Heat the other end of the tube from the bubbler						

Material

						https://www.
		Name	Description	Metric	Unit of	dropbox.com
				Conversion	Measure	/sh/ny5zjc07
		Tubing	High Density Polyethylene (HDPE) Tubing,	High Density Polyethylene (HDPE) Tubing,	meter	flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dl=
			1/4" ID, 3/8" OD (10 Feet Per Machine Required)	6mm ID, 10mm OD (3 meters Per Machine Required)		0&preview= OxiKit+Final +Assembly+ Tutorial+3+o
		Humidifier Water Bottle	Humidifier Water Bottle	Humidifier Water Bottle	Pieces	f+4.MP4&su bfolder_nav_ tracking=1
	Connect the tube from bubbler to	Sanitary Air Filter	Sanitary Air Filter (Sold in 4 Pack)	Sanitary Air Filter (Sold in 4 Pack)	Piece	
181 the lo portion	the lower portion of the filter					

Material

		Name	Description	Metric Conversion	Unit of Measure	Hand Heat Torch	https://www. dropbox.com /sh/ny5zjc07
	Heat the other end of the tube from the upper portion of the flow meter	Tubing	PolyethyleneF(HDPE) Tubing,(1/4" ID, 3/8" OD((10 Feet Per(MachineF	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	er 7 Unit y		flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o
182		Gas Flowmeter	3-30LPM LZQ-7 Oxygen Air Gas Flowmeter (Only Need 15 LPM Max, Avoid SHLLJ Brand - Marked Wrong)	3-30LPM LZQ-7 Oxygen Air Gas Flowmeter (Only Need 15 LPM Max, Avoid SHLLJ Brand - Marked Wrong)			f+4.MP4&su bfolder_nav_ tracking=1

Material

	Name	Description	Metric Conversion	Unit of Measure	https://www. dropbox.com /sh/ny5zjc07
	Tubing	TubingHigh Density PolyethyleneHigh Density Polyethylenemeter(HDPE) Tubing, (HDPE) Tubing, 1/4" ID, 3/8" OD(HDPE) Tubing, 6mm ID, 10mm10(10 Feet Per MachineOD (3 meters Per MachineMachine Required)	meter	flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o	
	Sanitary Air Filter	Sanitary Air Filter (Sold in 4 Pack)	Sanitary Air Filter (Sold in 4 Pack)	Piece	f+4.MP4&su bfolder_nav_ tracking=1
Connect the tube from upper (inflow) 183 portion of the flow meter to the upper portion of the filter	Gas Flowmeter	3-30LPM LZQ-7 Oxygen Air Gas Flowmeter (Only Need 15 LPM Max, Avoid SHLLJ Brand - Marked Wrong)	3-30LPM LZQ-7 Oxygen Air Gas Flowmeter (Only Need 15 LPM Max, Avoid SHLLJ Brand - Marked Wrong)	Unit	

$\square$		Name	Description	Metric Conversion	Unit of Measure	Wire Cutter Pliers	https://www. dropbox.com /sh/ny5zjc07
		Nichrome Wire	50 feet Nichrome 80 wire 206	15,240 mm Nichrome 80 wire 206	Gram		flfr7w5/AABn 1HDv42Nn4l SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final +Assembly+ Tutorial+3+o
184	Cut 5" of stainless						f+4.MP4&su bfolder_nav_ tracking=1
184	steel wire						

		Name	Description	Metric Conversion	Unit of Measure	https://www. dropbox.com
		Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	/sh/ny5zjc07 flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dI= 0&preview= OxiKit+Final +Assembly+
		Sanitary Air Filter	Sanitary Air Filter (Sold in 4 Pack)	Sanitary Air Filter (Sold in 4 Pack)	Piece	Tutorial+3+o f+4.MP4&su bfolder_nav_
185	Secure the connection by Wrapping and twisting the Nichrome wire into the Air Filter (upper portion)					tracking=1

		Name	Description	Metric Conversion	Unit of Measure	Wire Cutter Pliers	https://www. dropbox.com /sh/ny5zjc07
186	Cut the excess wire	Name Nichrome Wire	Description 50 feet Nichrome 80 wire 206			Cutter	dropbox.com

		Name	Description	Metric Conversion	Unit of Measure	https://www. dropbox.com /sh/ny5zjc07
		Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	flfr7w5/AABn 1HDv42Nn4I SACj989yU3 a/Video?dl= 0&preview= OxiKit+Final +Assembly+
		Sanitary Air Filter	Sanitary Air Filter (Sold in 4 Pack)	Sanitary Air Filter (Sold in 4 Pack)	Piece	Tutorial+3+o f+4.MP4&su bfolder_nav_
187	Secure the connection by Wrapping and twisting the Nichrome wire into the Air Filter (lower portion)					tracking=1

$\square$		Name	Description	Metric Conversion	Unit of Measure	Wire Cutter Pliers	https://www. dropbox.com /sh/ny5zjc07
		Nichrome Wire	50 feet Nichrome 80 wire 206	15,240 mm Nichrome 80 wire 206	Gram		flfr7w5/AABn 1HDv42Nn4l SACj989yU3 a/Video?dl=
							0&preview= OxiKit+Final +Assembly+ Tutorial+3+o f+4.MP4&su
							bfolder_nav_ tracking=1
188	Cut the excess wire						

## 3 way Solenoid Valve / Pressure Relief / High Pressure Regulator Connection

		Name	Description	Metric Conversion	Unit of Measure	
		3/8" Male Straight Push-in Connect Fittings	3/8" Male NPT to 3/8"Push to Connect - Strait	10mmMaleNPTto 10mm Push to Connect - Strait	Piece	
		3- way Solenoid Valve	3/8" NPT 3- Way Solenoid Valve, 110 V AC	10mm FNPT 3 Port 2 Way Solenoid Valve, 110/220 VAC 50/60Hz	Unit	
189	Connect Straight Fittings on the top of the 3 way Solenoid Valves					

		Name	Description	Metric Conversion	Unit of Measure	
		Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)		meter	
	Cut 1" or					
190	30mm of Tubing					

		Name	Description	Metric Conversion	Unit of Measure	
		3- way Solenoid Valve	3/8" NPT 3-Way Solenoid Valve, 110 V AC	10mm FNPT 3 Port 2 Way Solenoid Valve, 110/220 VAC 50/60Hz	Unit	
		3/8" Male Straight Push-in Connect Fittings	3/8" Male NPT to 3/8"Push to Connect - Strait	10mmMaleNPTto 10mm Push to Connect - Strait	Piece	
191	Connect 1" or 30 mm Tubing on the top of the Solenoid Valve with Straight	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	
	Fittings					

		Name	Description	Metric Conversion	Unit of Measure	
		3- way Solenoid Valve	3/8" NPT 3-Way Solenoid Valve, 110 V AC	10mm FNPT 3 Port 2 Way Solenoid Valve, 110/220 VAC 50/60Hz	Unit	
		3/8" Male Straight Push-in Connect Fittings	3/8" Male NPT to 3/8"Push to Connect - Strait	10mmMaleNPTto 10mm Push to Connect - Strait	Piece	
192	Connect the other end of the 1" or 30mm into the bottom part of the Sieve	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	
	Cannister Tanks	Sieve Canister Assembly	Complete and Finished Sieve Assembly	Complete and Finished Sieve Assembly	Lot	

$\square$		Name	Description	Metric Conversion	Unit of Measure	
		3/8" Male Elbow Push to Connect Fittings	3/8" Male NPT to 3/8"Push to Connect - 90 Elbow	10mmMaleNPT to 10mmPush to Connect - 90 Deg Elbow	Piece	
		3- way Solenoid Valve	3/8" NPT 3- Way Solenoid Valve, 110 V AC	10mm FNPT 3 Port 2 Way Solenoid Valve, 110/220 VAC 50/60Hz	Unit	
193	Connect Elbow Fittings on the 2 bottom connections of the 3 way Solenoide Valve					

		Name	Description	Metric Conversion	Unit of Measure	
		Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)		meter	
194	Cut 2nd 1" or 30mm of Tubing					

		Name	Description	Metric Conversion	Unit of Measure	
		Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	
	Connect the 2nd 1" or 30	3/8" Male Elbow Push to Connect Fittings	3/8" Male NPT to 3/8"Push to Connect - 90 Elbow	10mmMaleNPT to 10mmPush to Connect - 90 Deg Elbow	Piece	
195	mm Tubing on one of the Elbow Fittings of the Solenoid	3- way Solenoid Valve	3/8" NPT 3-Way Solenoid Valve, 110 V AC	10mm FNPT 3 Port 2 Way Solenoid Valve, 110/220 VAC 50/60Hz	Unit	
	Valve					

		Name	Description	Metric Conversion	Unit of Measure	
		Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	
	Connect the	Y Push to connect fittings	3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect - Y	10mm Push to Connect to 10mm Push to Connect - Y	Piece	
196	other end of the 2nd 1" or 30mm Tubing into a Y Fitting					

		Name	Description	Metric Conversion	Unit of Measure	
		3- way Solenoid Valve	3/8" NPT 3-Way Solenoid Valve, 110 V AC	10mm FNPT 3 Port 2 Way Solenoid Valve, 110/220 VAC 50/60Hz	Unit	
		3/8" Male Straight Push-in Connect Fittings	3/8" Male NPT to 3/8"Push to Connect - Strait	10mmMaleNPTto 10mm Push to Connect - Strait	Piece	
197	Do The same for the 2nd 3 way solenoid Valve	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	
		3/8" Male Elbow Push to Connect Fittings	3/8" Male NPT to 3/8"Push to Connect - 90 Elbow	10mmMaleNPTto 10mmPush to Connect - 90 Deg Elbow	Piece	
		Sieve Canister Assembly	Complete and Finished Sieve Assembly	Complete and Finished Sieve Assembly	Lot	
		Y Push to connect fittings	3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect - Y	10mm Push to Connect to 10mm Push to Connect - Y	Piece	

		Name	Description	Metric Conversion	Unit of Measure	
		Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)		meter	
	Cut 6" or					
198	150mm of tubing					

		Name	Description	Metric Conversion	Unit of Measure	
	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter		
	Connect the	3- way Solenoid Valve	3/8" NPT 3-Way Solenoid Valve, 110 V AC	10mm FNPT 3 Port 2 Way Solenoid Valve, 110/220 VAC 50/60Hz	Unit	
199	150mm Tubing into the remaining open Elbow Fittings on the 3 way solenoid Valve					

		Name	Description	Metric Conversion	Unit of Measure	
		Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	
	Connect the	Y Push to connect fittings	3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect - Y	10mm Push to Connect to 10mm Push to Connect - Y	Piece	
200	other end of the 150mm Tubing into a Y Push to Connect Fitting					

		Name	Description	Metric Conversion	Unit of Measure	
		Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	
		3- way Solenoid Valve	3/8" NPT 3-Way Solenoid Valve, 110 V AC	10mm FNPT 3 Port 2 Way Solenoid Valve, 110/220 VAC 50/60Hz	Unit	
201	Do The same for the 2nd 3 way solenoid Valve	Y Push to connect fittings	3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect - Y	10mm Push to Connect to 10mm Push to Connect - Y	Piece	

		Name	Description	Metric Conversion	Unit of Measure	
		Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	
	Copper Tubing	3/8" OD Copper Tubing (Need around 20')	10mm OD Copper Tubing (Need around 6m)	Inch		
	Place Fittings	Straight Push to connect fittings	3/8" mm Push to Connect to 3/8" Push to Connect - Straight	10mm Push to Connect to 10mm Push to Connect - Straight	Piece	
202 on the top end of the Copper Coil						

		Name	Description	Metric Conversion	Unit of Measure	
		Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)		meter	
203	Cut 12" or 300mm					
	Tubing					

Process	Nam	e Description Mate	en getric Conversion	Unit of Measure	Tools	Youtube Lihk
	Tubir	ng High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter		
	Copp Tubir		10mm OD Copper Tubing (Need around 6m)	Inch		
Connect the 12" or 300mm tubing into the top of the Copper Coil						

### Material

	Name	Description	Metric Conversion	Unit of Measure	
	Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	
	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	
Insert the other end of the 12" or 300mm Tubing into the Hole 5 of the Fan Deck.					

5 F	rocess	Material	Tools	Youtube Link

	Name	Description	Metric Conversion	Unit of Measure	
	Straight Push to connect fittings	3/8" Push to Connect to 3/8" Push to Connect - Straight	10mm Push to Connect to 10mm Push to Connect - Straight	Piece	
		3/8" NPT Female Pressure Relief Valve with 50 psi	10mm NPT Female Pressure Relief Valve with 50 psi	Unit	
0					
Connect fittings into the pressure relief valve					

Material

Tools

Youtube Link

					 -
	Name	Description	Metric Conversion	Unit of Measure	
	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	
		3/8" NPT Female Pressure Relief Valve with 50 psi	10mm NPT Female Pressure Relief Valve with 50 psi	Unit	
Connect the other end of the 12" or 300mm tubing into the Pressure Relief valve					

Material

	Name	Description	Metric Conversion	Unit of Measure	
	Straight Push to connect fittings		10mm Push to Connect to 10mm Push to Connect - Straight	Piece	
	High Pressure Regulator	High Pressure Regulator 3/8" NPT 150PSI	High Pressure Regulator 10mm" NPT 150PSI	Unit	
Connect Fittings into the High Pressure Regulator					

Material

	Name	Description	Metric Conversion	Unit of Measure	Scissors/ Cutter	
	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter		
Cut 6" or 150mm Tubing						

## Material

I			1		
	Name	Description	Metric Conversion	Unit of Measure	
	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	
	Pressure	3/8" NPT Female Pressure Relief Valve with 50 psi	10mm NPT Female Pressure Relief Valve with 50 psi	Unit	
Connect the 6" or 150mm tubing into the other open end of the Pressure Relief Valve					

Material

	Name	Description	Metric Conversion	Unit of Measure	
	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	
Connect the	High Pressure Regulator	High Pressure Regulator 3/8" NPT 150PSI	High Pressure Regulator 10mm" NPT 150PSI	Unit	
other end of the 6" or 150mm tubing into the inflow end of the High Pressure REgulator					

Material

	Neree	Description	Matria Conversion	linit of	Scissors/	
	Name	Description	Metric Conversion	Unit of Measure	Cutter	
	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter		
Cut 2nd 6" or 150mm Tubing						

s Pro	cess

### Material

	_				 
	Name	Description	Metric Conversion	Unit of Measure	
	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	
	High Pressure Regulator	High Pressure Regulator 3/8" NPT 150PSI	High Pressure Regulator 10mm" NPT 150PSI	Unit	
Connect the 2nd 6" or 150mm into the Outflow section of the High Pressure Regulator					

Material

	Name	Description	Metric Conversion	Unit of Measure	
	Tubing	High Density Polyethylene (HDPE) Tubing, 1/4" ID, 3/8" OD (10 Feet Per Machine Required)	High Density Polyethylene (HDPE) Tubing, 6mm ID, 10mm OD (3 meters Per Machine Required)	meter	
Connect the other end of the 2nd 6"or 150mm tubing into	Y Push to connect fittings	3/8"Push to Connect to 3/8"Push to Connect to 3/8"Push to Connect - Y	10mm Push to Connect to 10mm Push to Connect - Y	Piece	
the Y Push to Connect Fitting (connected	3- way Solenoid Valve	3/8" NPT 3-Way Solenoid Valve, 110 V AC	10mm FNPT 3 Port 2 Way Solenoid Valve, 110/220 VAC 50/60Hz	Unit	
with the 3 way solenoid valve)	High Pressure Regulator	High Pressure Regulator 3/8" NPT 150PSI	High Pressure Regulator 10mm" NPT 150PSI	Unit	

$\square$		Name	Description	Metric Conversion	Unit of Measure	Drill Bit Machine	https://drive. google.com/
		4" Cable Ties	4" Black Cable Ties (Bag of 100)	100mm x 4mm Black Cable Ties (Bag of 100)	Bag		drive/folders/ 18duHcktmz T1QRXVuiVt tSuXc_h-
		Screws	Screws	Screws			BfB69
	Secure all						
215	dangling wires with tire wraps						
	and screws						

# Wheels and Handle Installation

$\square$		Name	Description	Metric Conversion	Unit of Measure	Drill Bit Machine	https://drive. google.com/ drive/folders/
		Wheels	2" Wheels (Sold in 4 Pack)	50mm Wheels (Sold in 4 Pack)	Piece		18duHcktmz T1QRXVuiVt
		Screws	Screws	Screws			tSuXc_h- BfB69
	Drill the wheels into the sides of						
216	the Oxikit Frame.						
	Beside the Sieves						

		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/ 18duHcktmz
217	Place the Handle on top of the Oxikit Frame or on top of the top Cross Piece. Ensure Handle is positioned on the Center of the frame'	Handle	Large Pull Handle (Sold in 2 Pack)	Large Pull Handle (Sold in 2 Pack)	Piece	18duHcktmz T1QRXVuiVt tSuXc_h- BfB69

$\square$		Name	Description	Metric Conversion	Unit of Measure	Drill Bit Machine	https://drive. google.com/ drive/folders/
		Handle	Large Pull Handle (Sold in 2 Pack)	Large Pull Handle (Sold in 2 Pack)	Piece		18duHcktmz T1QRXVuiVt
		Screws	Screws	Screws			tSuXc_h- BfB69
218	Drill the Handleinto						
	the frame						

Material

Tools Youtube Link

## Cable and Hooks Installation

		Name	Description	Metric Conversion	Unit of Measure	Screwdriver	https://drive. google.com/ drive/folders/
		Hooks	Cup Hooks (Sold in 72 Pack)	Cup Hooks (Sold in 72 Pack)	Piece		18duHcktmz T1QRXVuiVt
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit		tSuXc_h- BfB69
219	Punch and Mark the postion of the hooks. One, beside the top portion of the Sieve and the second on the bottom part of the Sieve. These are for the wires of the Brain and Air Compressor						

$\square$		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		Hooks	Cup Hooks (Sold in 72 Pack)	Cup Hooks (Sold in 72 Pack)	Piece	18duHcktmz T1QRXVuiVt tSuXc_h-
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	BfB69
220	Install Hooks on the Side of the Sieve Canister.					

		Name	Description	Metric Conversion	Unit of Measure	Screwdriver	https://drive. google.com/ drive/folders/
		Hooks	Cup Hooks (Sold in 72 Pack)	Cup Hooks (Sold in 72 Pack)	Piece		18duHcktmz T1QRXVuiVt
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit		tSuXc_h- BfB69
	Punch and Mark the postion of						
	the hook on the other side of the						
221	Oxikit Frame. Beside the top portion						
	of the Sieve. This is for						
	wires of the oxygen mask						

		Name	Description	Metric Conversion	Unit of Measure	https://drive. google.com/ drive/folders/
		Oxygen Mask	Oxygen Mask with Tubing	Oxygen Mask with Tubing	Piece	18duHcktmz T1QRXVuiVt
		Humidifier Water Bottle	Humidifier Water Bottle	Humidifier Water Bottle	Pieces	tSuXc_h- BfB69
	Connect the Oxygen mask into the Bubbler.					
222						

		Name	Description	Metric Conversion	Unit of Measure		https://drive. google.com/ drive/folders/
223	Hang the Oxygen Mask into the Hook	Oxygen Mask	Oxygen Mask with Tubing	Oxygen Mask with Tubing	Piece		18duHcktmz T1QRXVuiVt tSuXc_h- BfB69
		Hooks	Cup Hooks (Sold in 72 Pack)	Cup Hooks (Sold in 72 Pack)	Piece		
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit		

$\square$		Name	Description	Metric Conversion	Unit of Measure	https://www. dropbox.com
224	Secure the Power Cord of the Air Compressor	Air Compressor	California Air Tools SP-9421 2.0HP Ultra Quiet and Oil-Free Air Compressor Motor	California Air Tools SP-9421 2.0HP Ultra Quiet and Oil-Free Air Compressor Motor	Unit	/sh/ny5zjc07f lfr7w5/AABn 1HDv42Nn4l SACj989yU3 a/Video?dl=0 &preview=0 xiKit+Final+A
		Hooks	Cup Hooks (Sold in 72 Pack)	Cup Hooks (Sold in 72 Pack)	Piece	ssembly+Tut orial+4+of+4. MP4&subfol
		Frame	Complete Assembly of the Frame	Complete Assembly of the Frame	Unit	der_nav_trac king=1
		Power Cord	Power Cord	Power Cord	Piece	

Material