

# FRANCISCO CEREZO VALVERDE

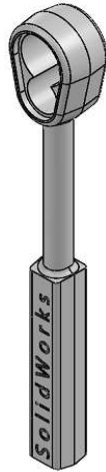
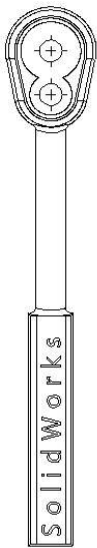
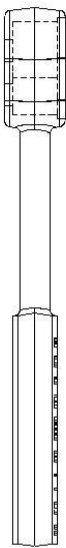
## SOLIDWORKS PORTFOLIO

I am a 3D CAD designer with a strong focus on precision, functionality, and clean aesthetics. This portfolio showcases a selection of my design work, highlighting my skills in 3D modeling, technical detailing, and problem-solving across different projects and applications.

### Index:

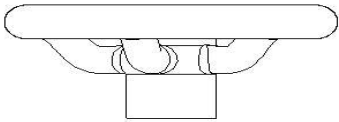
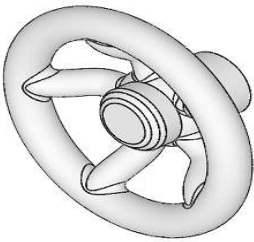
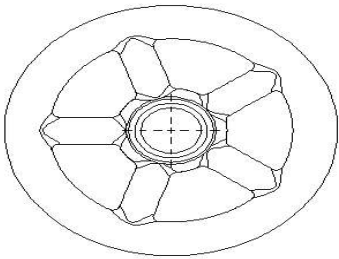
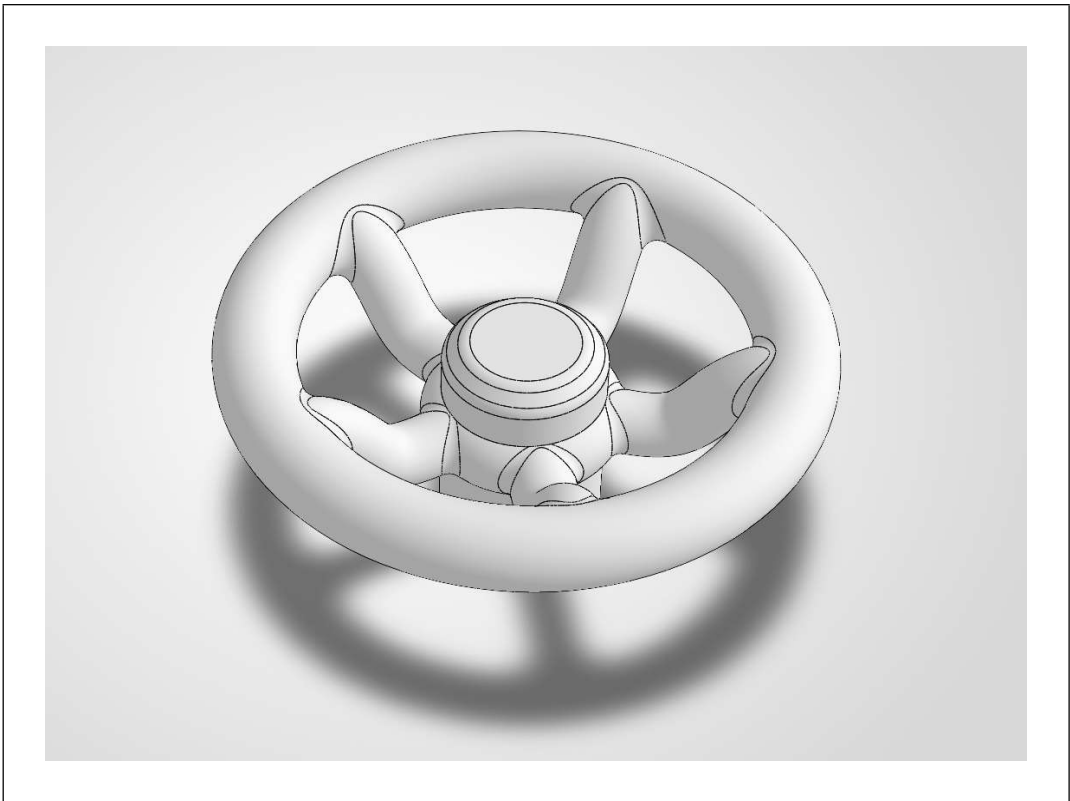
1. Ratchet
2. Hand wheel
3. Assembly from given parts
4. Bluetooth headgear assembly from given and modified parts
5. Part 5
6. Electronics component fan
7. Boat
8. Turbine filter
9. Metal sheet cover
10. Metal sheet Part
11. Assembly from designed parts
12. Wheel from 2D .dxf/.dwg to 3D model
13. Curved bottle with helix at top
14. Icebox chiller
15. Sheet metal PC tower cover
16. Sheet metal Oven Exhaust hood
17. Sheet metal cylinder

RATCHET



		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	
		DIMENSIONS ARE IN INCHES		DRAWN		
		TOLERANCES:		CHECKED		TITLE:
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		ANGULAR: EACH 1 BEND 1				
		TWO PLACE DECIMAL 3				

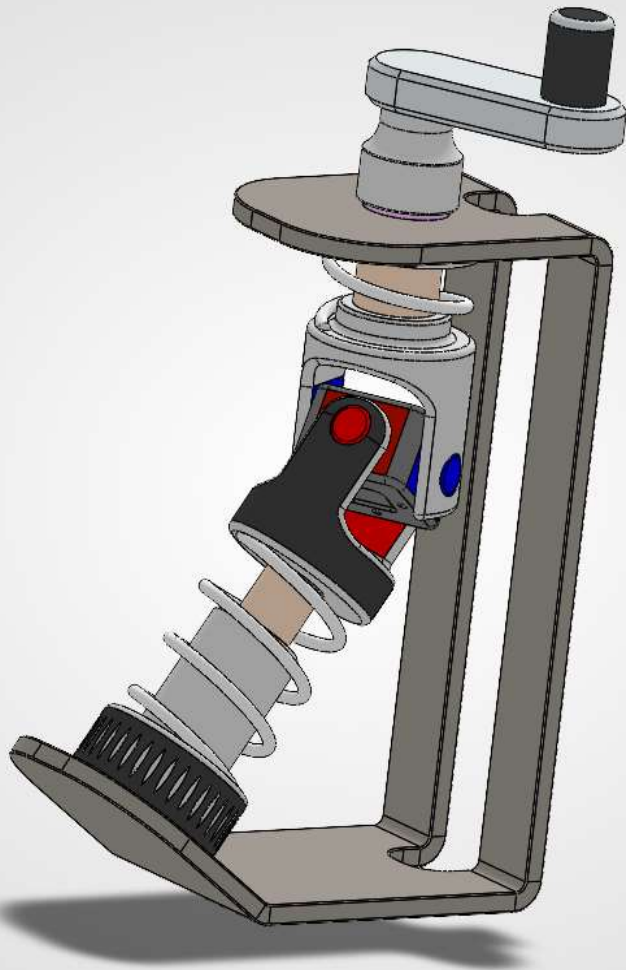
HANDWHEEL



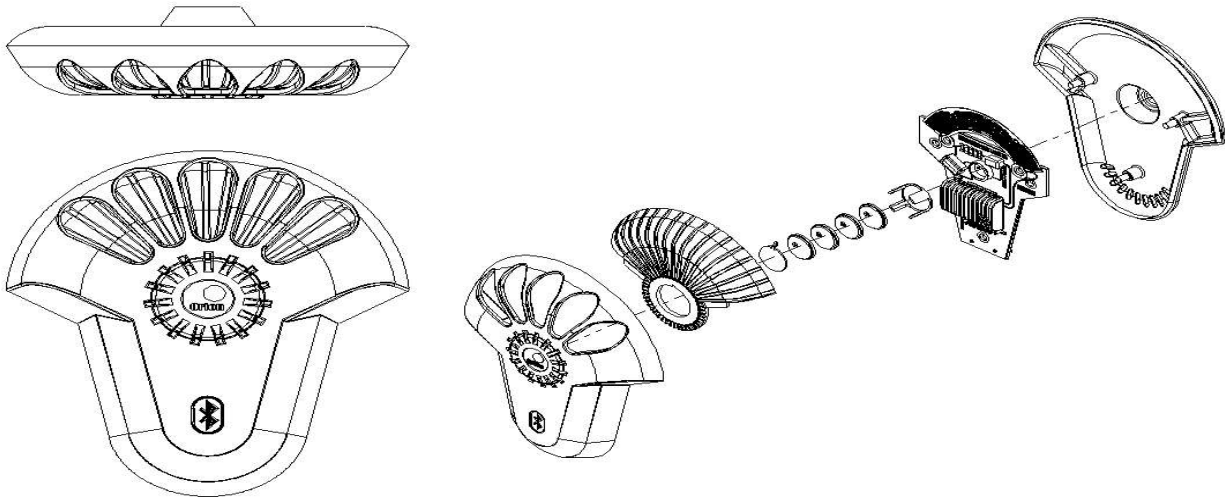
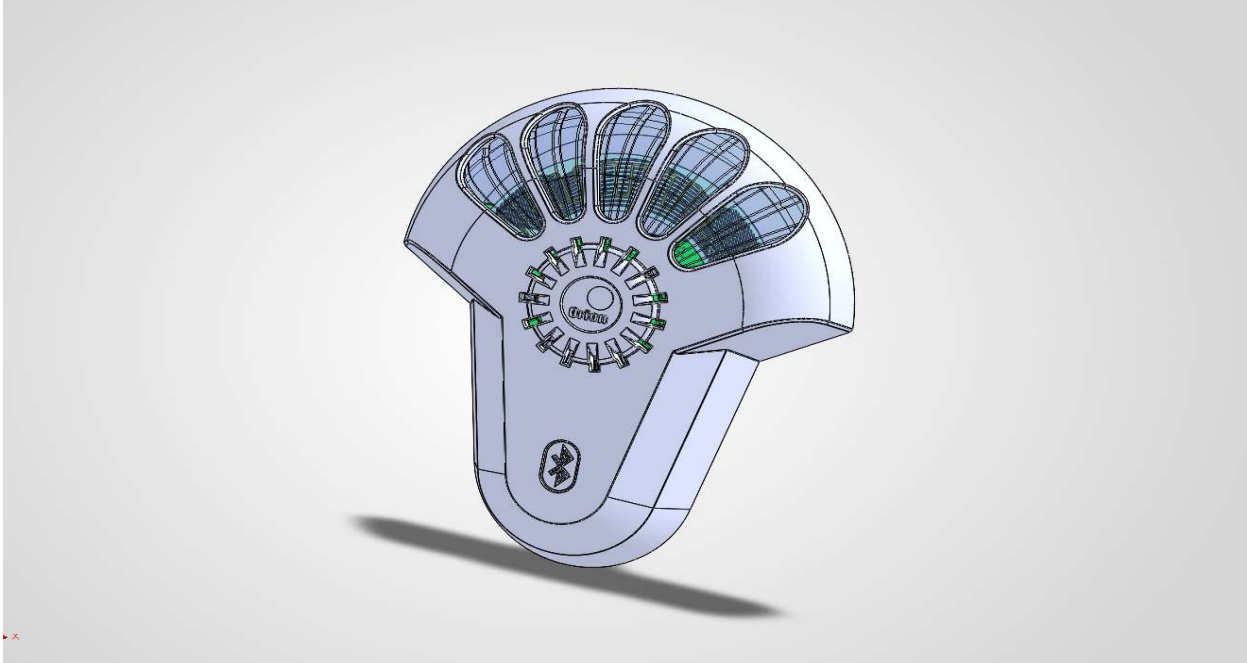
PROPRIETARY AND CONFIDENTIAL  
THE INFORMATION CONTAINED IN THIS  
DRAWING IS THE SOLE PROPERTY OF  
"INSERT COMPANY NAME HERE". ANY  
REPRODUCTION IN PART OR AS A WHOLE  
WITHOUT THE WRITTEN PERMISSION OF  
"INSERT COMPANY NAME HERE" IS  
PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE:	
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		ANGULAR: BACH $\pm$ BEND $\pm$		MFG APPR:			
		TWO PLACE DECIMAL $\pm$		Q.A.		SIZE DWG. NO. REV <b>A handwheel</b>	
		THREE PLACE DECIMAL $\pm$		COMMENTS:			SCALE: 1:5 WEIGHT: SHEET 1 OF 1
		INTERPRET GEOMETRIC TOLERANCING PER:					
		MATERIAL					
		FINISH					
NEXT ASSY		USED ON					
APPLICATION		DO NOT SCALE DRAWING					

## ASSEMBLY FROM GIVEN PARTS



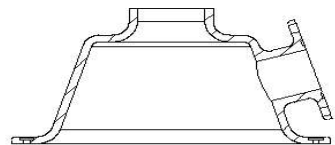
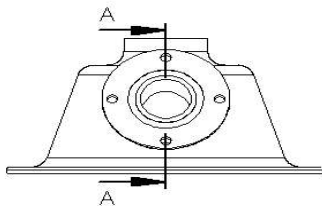
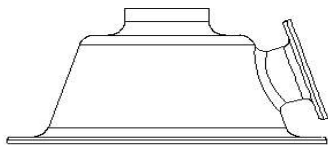
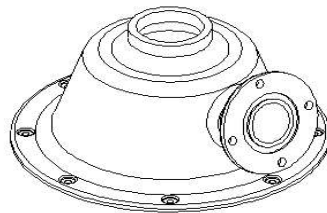
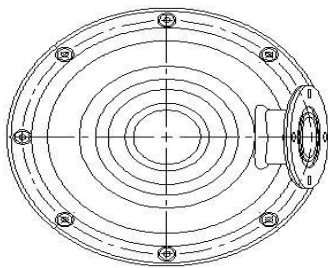
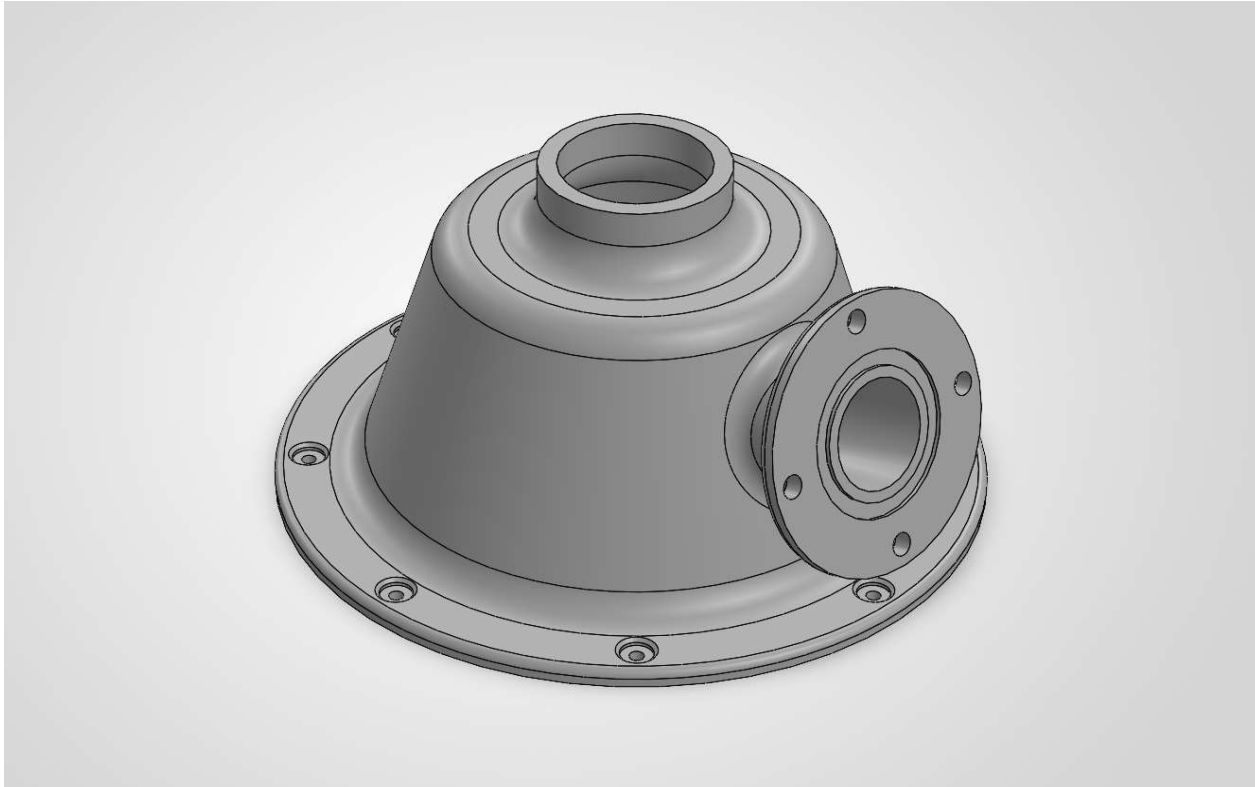
BLUETOOTH HEADGEAR ASSEMBLY FROM GIVEN AND MODIFIED PARTS



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<INSERT COMPANY NAME HERE> IS  
PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:	NAME	DATE	TITLE:
NEXT ASSY	USED ON	DIMENSIONS ARE IN INCHES	DRAWN		
		TOLERANCES:	CHECKED		
		FRACTIONAL 1	ENG APPR.		
		ANGULAR MATCH 3	MFG APPR.		
		TWO PLACE DECIMAL 3			
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.		SIZE DWG. NO. REV
		MATERIAL	COMMENTS:		
		FINISH			
APPLICATION		DO NOT SCALE DRAWING	SCALE: 1:5 WEIGHT: SHEET 1 OF 1		

PART 5



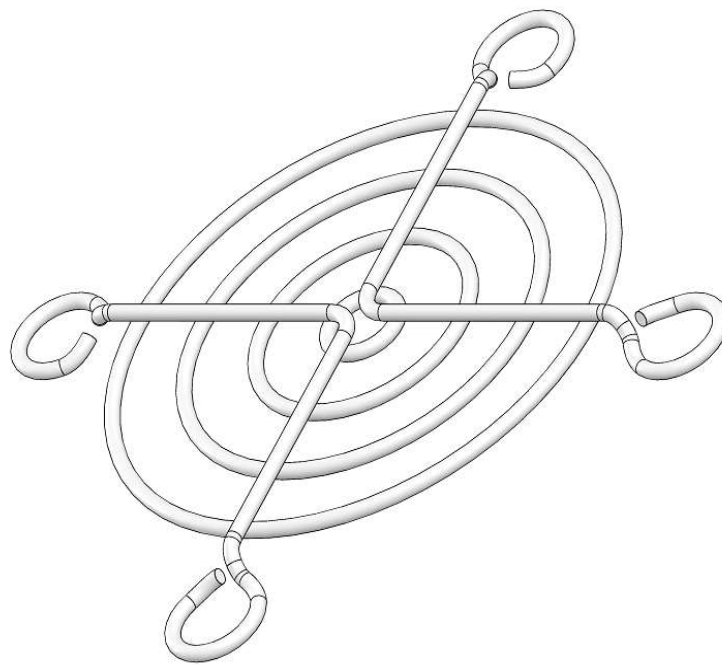
SECTION A-A

PROPRIETARY AND CONFIDENTIAL  
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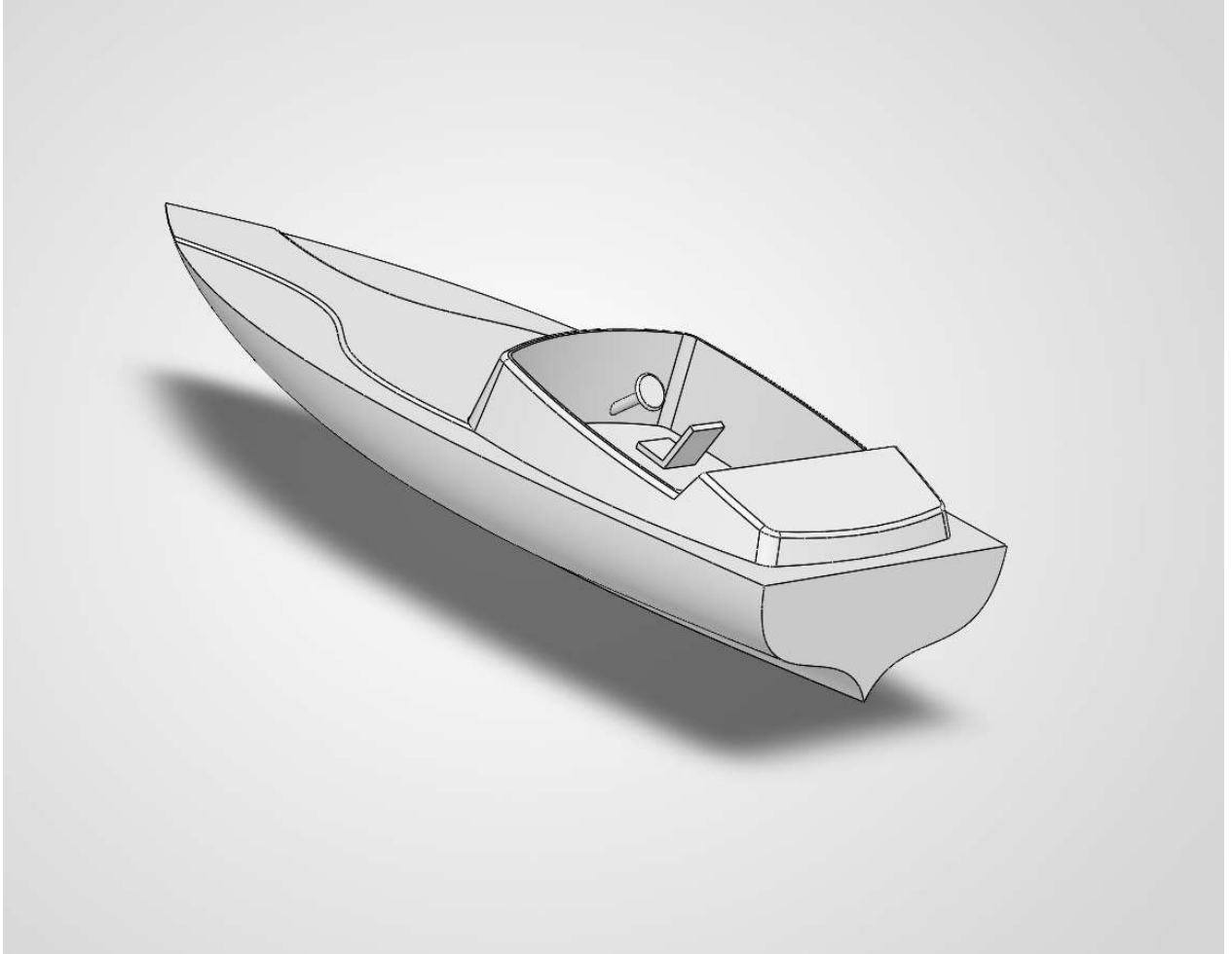
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		ANGULAR: MACH 1 BEND 1		MFG APPR.		
		TWO PLACE DECIMAL 2				
		THREE PLACE DECIMAL 1				
		INTERPRET GEOMETRIC				
		TOLERANCING PER:				
		.....		COMMENTS:		

TITLE:

## ELECTRONICS COMPONENT FAN

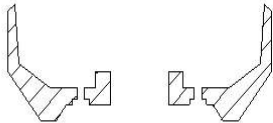


# BOAT

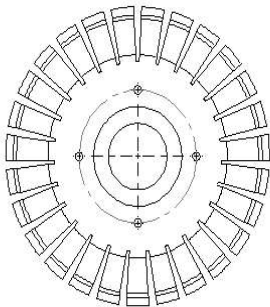
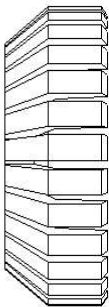
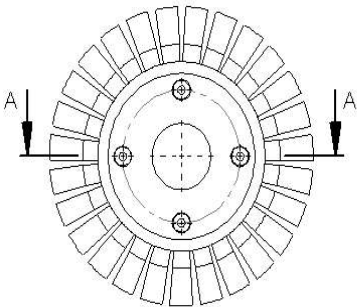




TURBINE FILTER

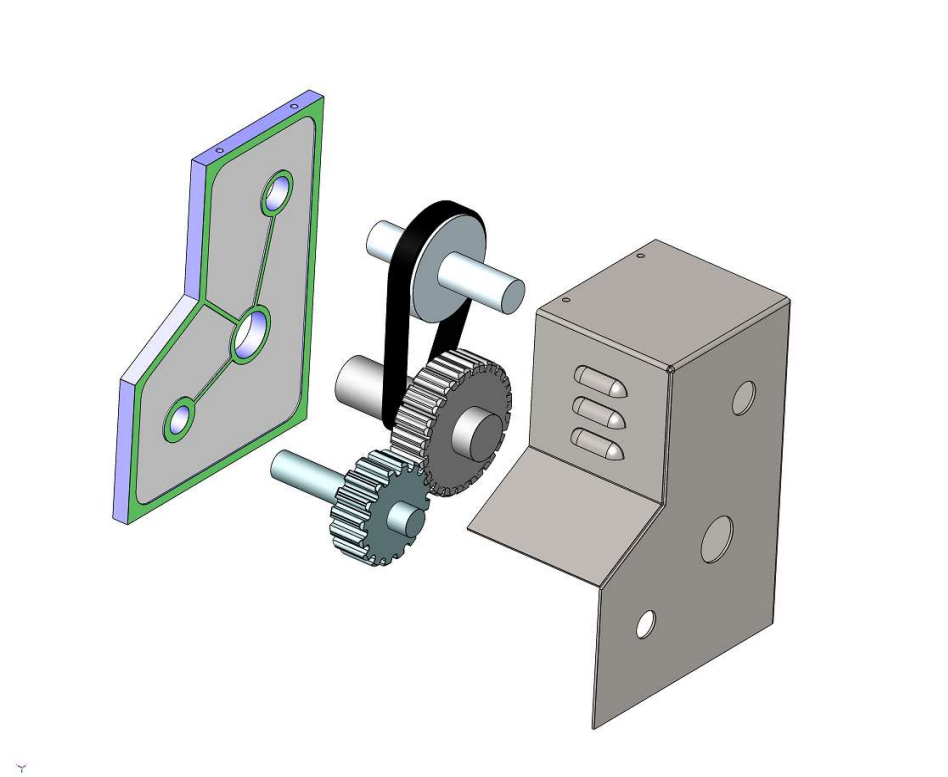
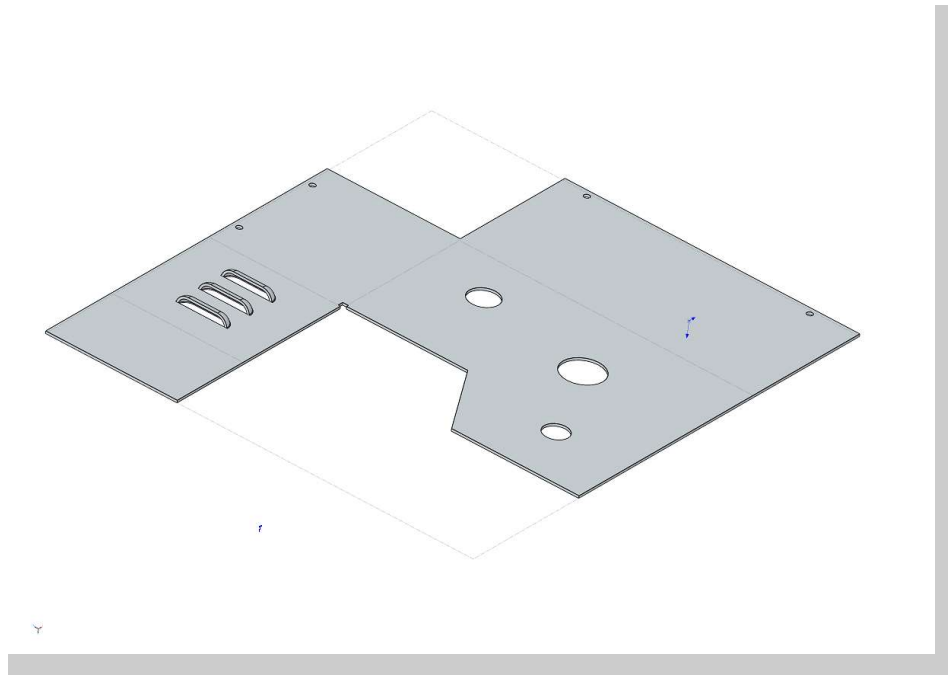


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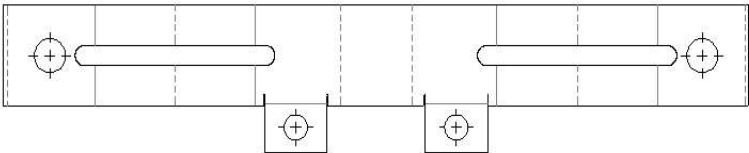
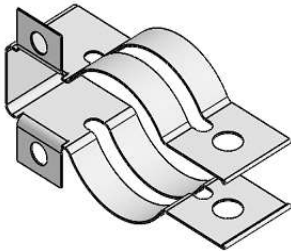
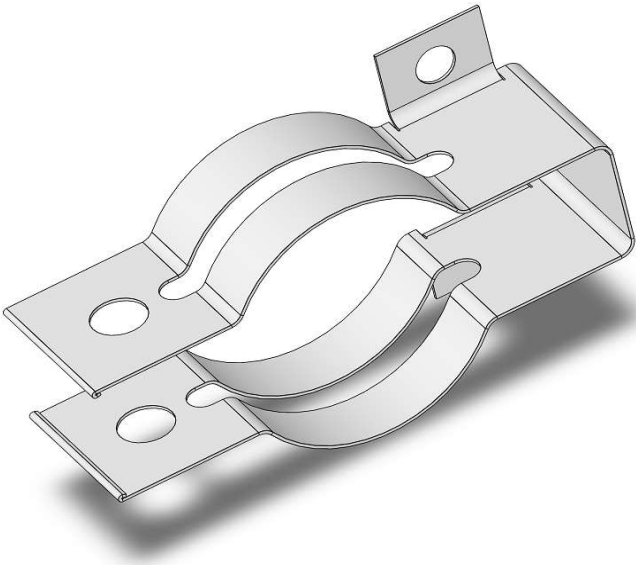


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		TOLERANCES:	CHECKED		TITLE:
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		ANGULAR: MACH 1 BEND 1			
		TWO PLACE DECIMAL 1			

## METAL SHEET COVER

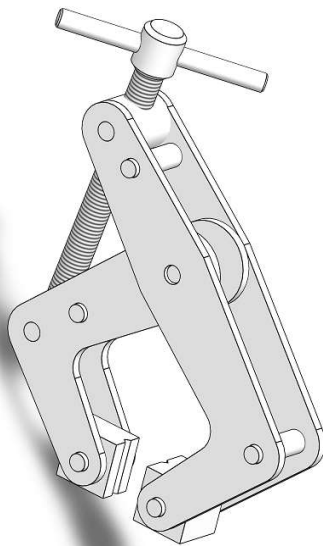


METAL SHEET PART

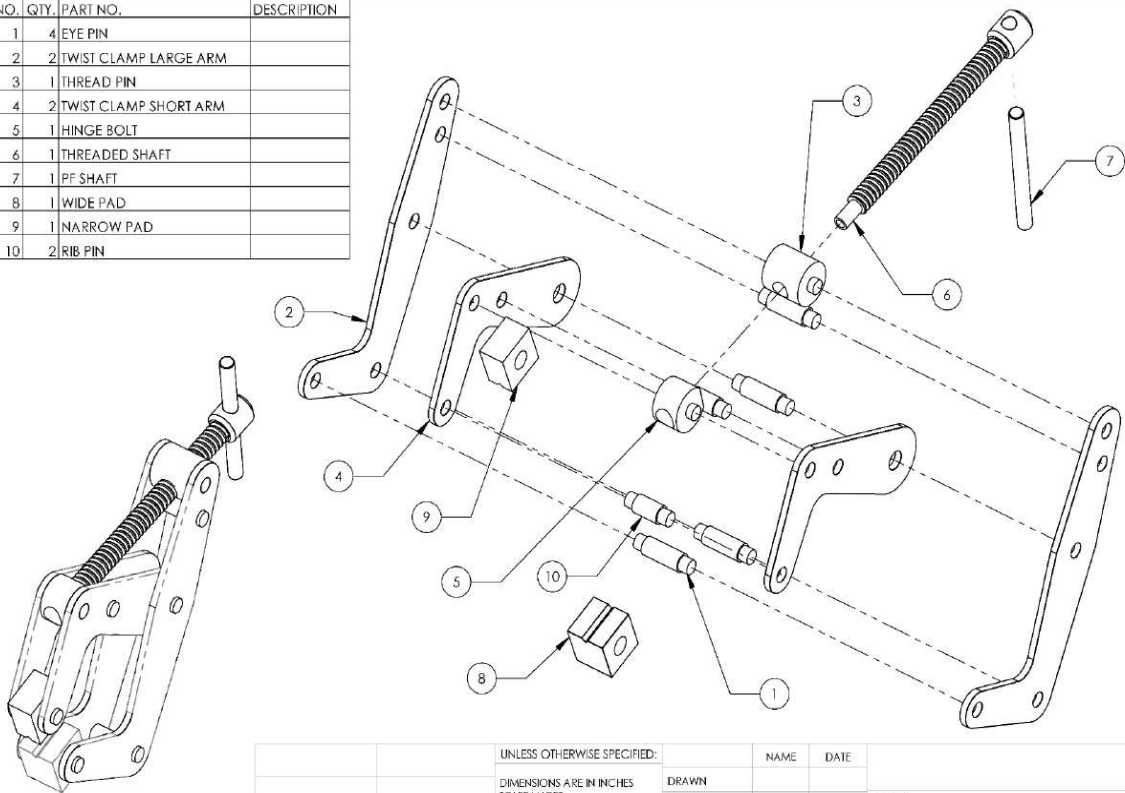


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		ANGULAR: MACH $\pm$ BEND $\pm$				
		TWO PLACE DECIMAL $\pm$				

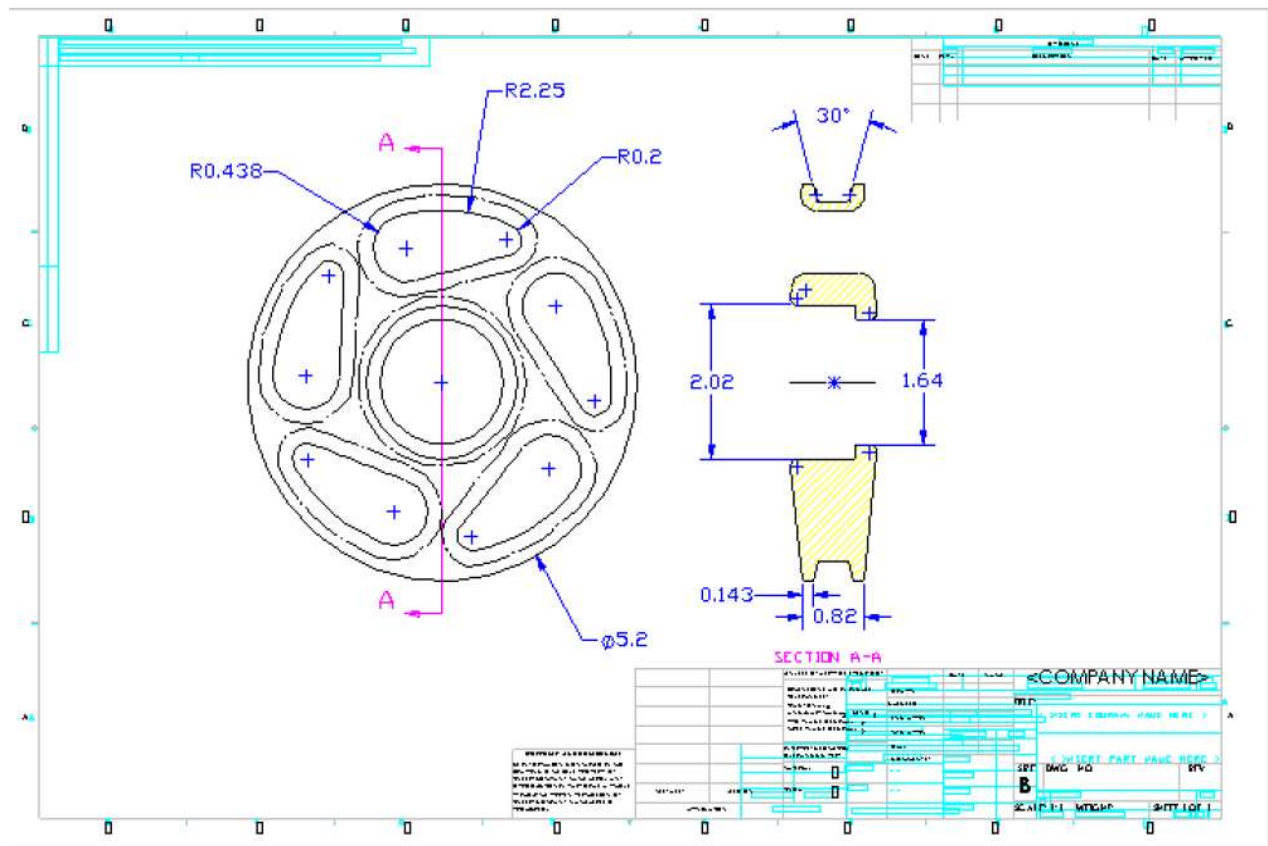
ASSEMBLY FROM DESIGNED PARTS



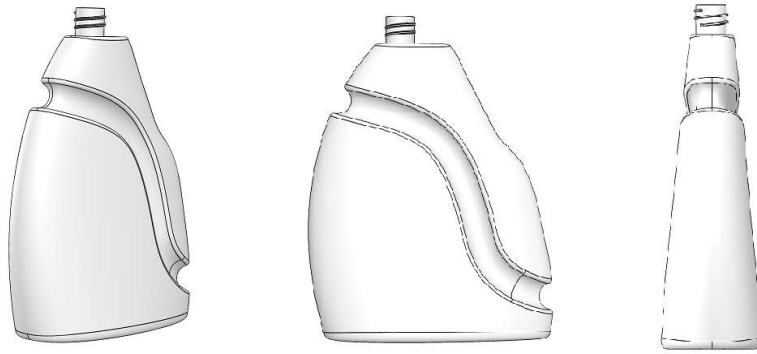
ITEM NO.	QTY.	PART NO.	DESCRIPTION
1	4	EYE PIN	
2	2	TWIST CLAMP LARGE ARM	
3	1	THREAD PIN	
4	2	TWIST CLAMP SHORT ARM	
5	1	HINGE BOLT	
6	1	THREADED SHAFT	
7	1	PF SHAFT	
8	1	WIDE PAD	
9	1	NARROW PAD	
10	2	RIB PIN	



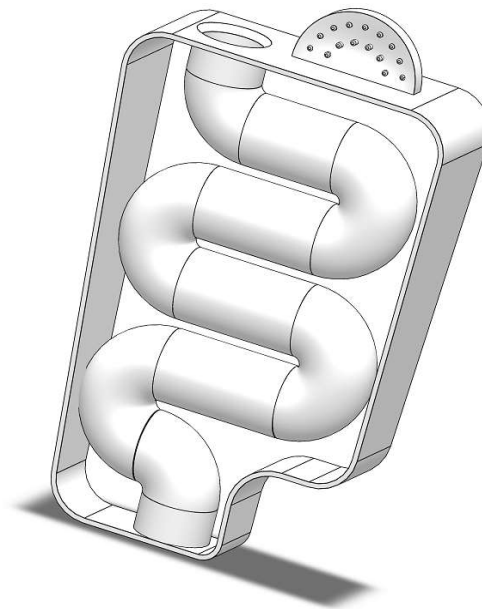
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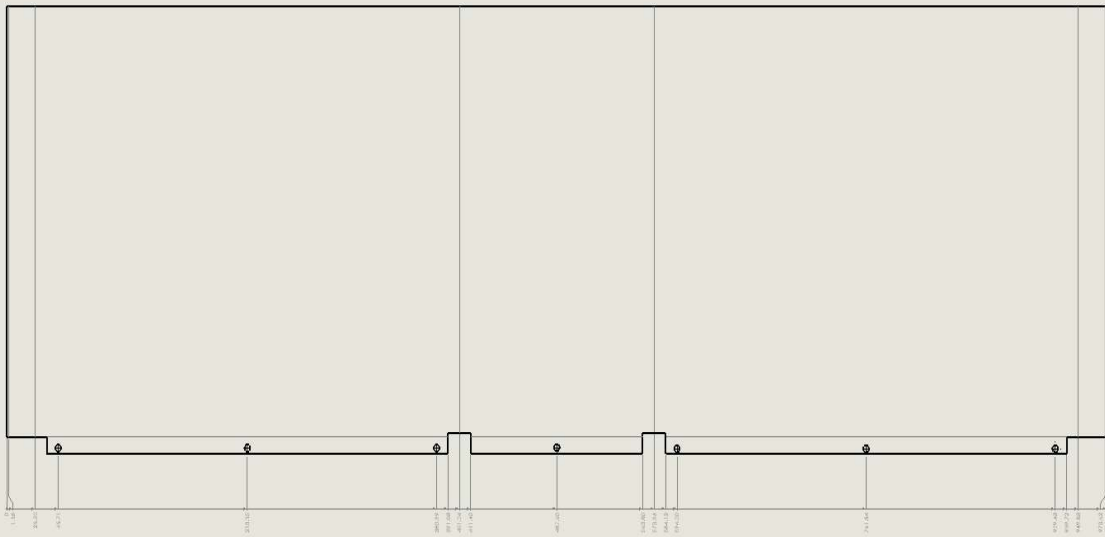
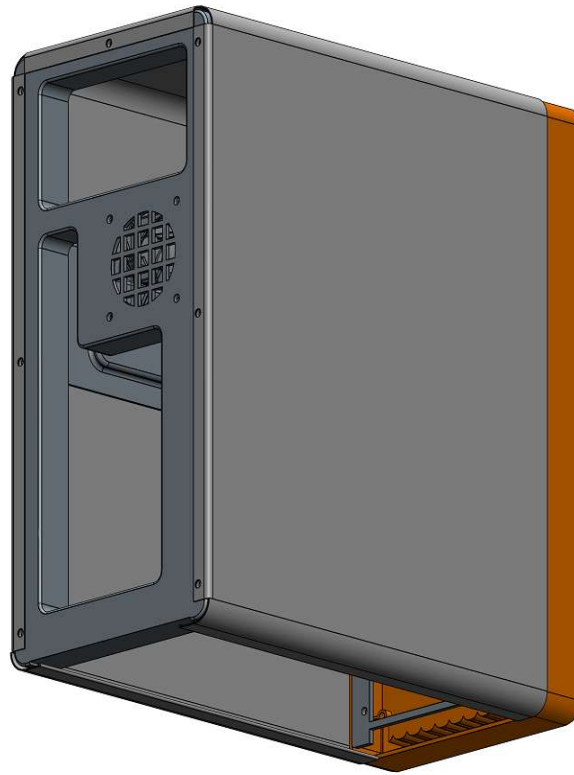
## CURVED SURFACES BOTTLE WITH HELIX AT TOP



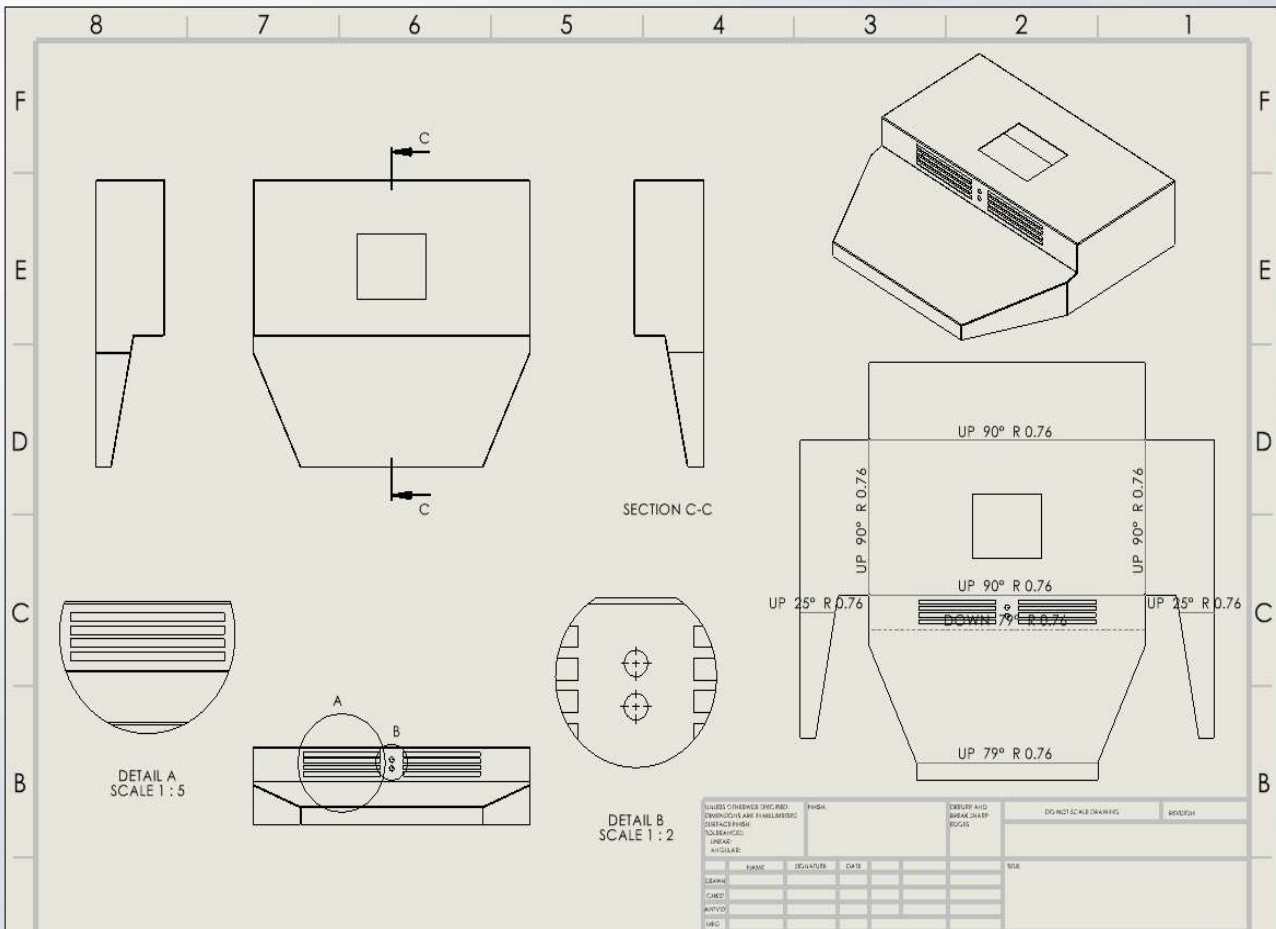
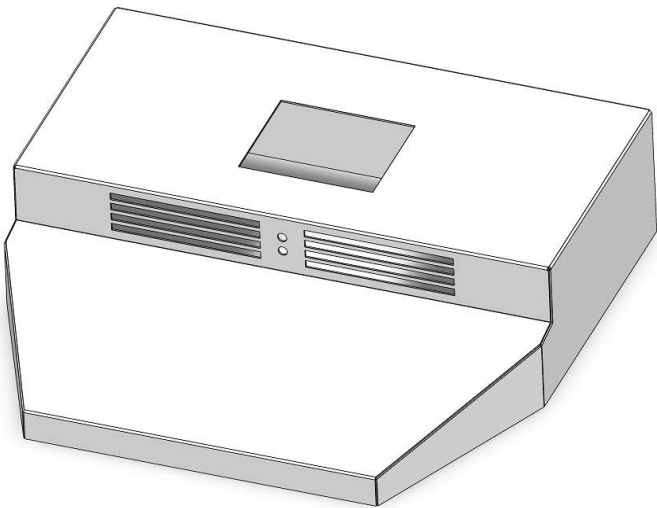
## ICEBOX CHILLER



## SHEET METAL PC TOWER COVER



SHEET METAL OVEN EXHAUST HOOD





## SHEET METAL CYLINDER

