


























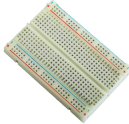


Assembly number	Acraea 2.0					
Part Name	Part Number	Thumbnail Image	Dimensions	Material	Quantity	Notes
Module: Plates						
Plate	P1		300 mm x 200 mm x 0,5 mm	Aluminum	5	Thin aluminium can be cut using a knife
Module: Fluid System						
Feed Back Wall	F1		(see part details)	PETG	1	
Feed Front Wall	F2		(see part details)	PETG	1	
Sealing Feed	F3		(see part details)	Bicycle Tube	4	Cut the wholes about 0,5 cm in from the distance of the rods for slight stretching
Feed Spacer	F4		(see part details)	PETG	3	
Wick	F5		180 mm x 400 mm	Cotton Bedsheet (non-elastic)	4	The side corners are stabilized with a zig-zack cut. The the top corner is sewn over once at 0,5 cm
Drainage	F6		(see part details)	PETG	4	

Sealing Drainage	F7		(see part details)	WillowFlex or similar	4	
Module: Casing						
Casing Back Wall	C1		(see part details)	MDF	1	
Washer	C2		M 6 Outer diameter = 24 mm	Stainless Steel	6	
Thumbscrew	C3		M6	Stainless Steel	6	
Threaded Rod	C4		M6 100 mm	Stainless Steel	3	
Casing Right Wall	C5		(see part details)	Cork	1	
Casing Front Wall	C6		(see part details)	Cork	1	
Casing Left Wall A	C7		(see part details)	Cork	1	

Casing Left Wall B	C8		(see part details)	MDF	1	
Module: Heating						
24V IPX7 Heating Pad (P= 200W)	H1		200 mm x 100 mm	Silicon	3	
Heating Spacer	H2		(see part details)	Wood	1	
24 V DC Power Supply (P = 750W)	H3		-		1	
ESP32	H4		-		1	
Micro USB Cable	H5		-		1	
5 V USB Power Supply	H6		-		1	
4 Channel Relay	H7		-		1	

Luster Terminals	H8		-		8	
Jumper Wires	H9		-		10	
Standard Copper cables 2-Wire (1,5 mm ²)	H10		10m		1	
230 V Plug and 3-Wire cable	H11		2m		1	
Breadboard compatible with ESP32	H12		-		1	