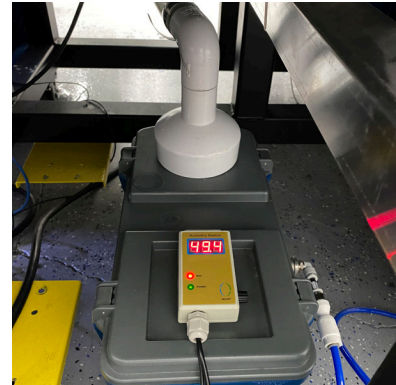


AIR CONDITIONING UNIT

The air conditioning unit is the main component of the environment upgrade and is meant to help keep the print compartment within an acceptable temperature range. This unit is a split system with a default line length of 25 feet. This provides the benefit of keeping the heat produced during the conditioning process away from the Maverick. The blower unit is then mounted to the inside top of the Maverick and housed within a sheet-metal compartment. The condensation drain line from the conditioner can be routed to a waste drain or separate reservoir. The power requirements are 208-230V, 60Hz, single phase, and will require a separate power connection.



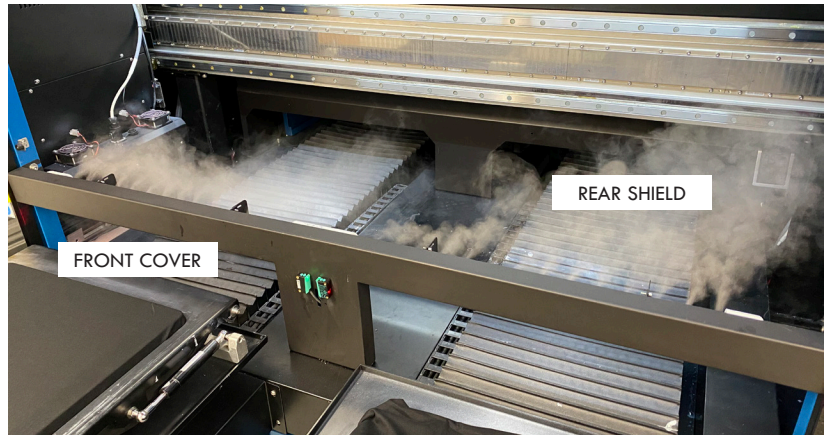
FOG UNIT WITH CONTROLLER

The fog unit serves to add humidity to the print compartment, and is placed in the lower section of the Maverick. A digital controller allows the relative humidity to be specified at 55%. As the humidity moves +/- 5% from this value, the fogging unit will turn on or off accordingly. The fog unit feeds directly to a rail in the front cover.



WATER PURIFIER

The water purification unit provides clean water to the fogging unit. This aids in preventing hard water deposits from dispersing through the fogging unit and being deposited on surfaces throughout the printer. The purifier has an in-feed connection for a water line, and will route directly into the base reservoir of the fog unit. Standard water line tubing is supplied for connections to be made on-site.



FRONT COVER AND RAIL

The front cover serves two functions; the first being to provide additional shielding for trapping humidity within the print chamber, and the second function of housing the humidity rail. The humidity rail spans the width of both pallet areas, and distributes humidity through a series of holes. The positioning of the rail is aimed at distributing the fog directly between the underside of the print-head plate and the garment.

REAR HEAT SHIELD

A rear shield has been added to further help control the environment of the print chamber. This shielding helps trap the mixture of cool air and humidity in the print chamber. It also acts as a secondary barrier between the heat-presses and the print chamber in order to reduce temperature build up. If desired, the middle or left/right sides of the shield are good locations to place a hygrometer for additional monitoring.