

Printer Environment, Temperature, & Humidity Requirements

Description: This document details important information about the environment in which your EFI printer should be kept, including a table showing the allowable temperature and humidity ranges for each family of printers.

Affected Printers: VUTEk h3 & h5, VUTEk 32h, HS125 Pro, HS100 Pro, HSr Pro, FabriVU 340i, FabriVU/Next 180, FabriVU/Next 340, FabriVU 520, VUTEk LX3 Pro (GS3LX), GS3250LX Pro UltraDrop, GS3250LX Pro, GS3250LX, GS3250 Pro, GS3200 Pro, GS3250, GS3200, GS3250 Pro-CP, GS3250 Pro-TF, GS2000LX Pro UltraDrop, GS2000, GS2000LX Pro, GS2000LX, GS2000 Pro, GS2000 Pro-TF, GS2000 Pro-CP, EFI VUTEk 5r & 5r+, EFI VUTEk 3r & 3r+, EFI VUTEk D5r, EFI VUTEk D3r, EFI Pro 30f, EFI Pro 32r / EFI Pro 32r+, EFI Pro 24f, EFI Pro 16h

Printer Environment, Temperature, & Humidity Requirements

This document details important information about the environment in which your EFI printer should be kept, including a table showing the allowable temperature and humidity ranges for each family of printers.

CAB-00728, Rev. A

Revision History

7/17/2019	Rev. A	First version	DR 5824
-----------	--------	---------------	---------

1.0 Printer Site Environment Requirements

- All EFI Printers **require** a *clean* environment
 - ✓ No wood, metal, or other fabrication work is permitted in the area. No grinding, welding, or any other dust-generating activity can be performed in the print area.
- Environment **must** be temperature and humidity controlled with proper HVAC system
 - ✓ No open garage doors for ventilation and temperature control are permitted.
- A level *concrete* floor is **required** for all super-wide printers, ground level preferred.
 - ✓ Above ground level possible – EFI & local structural engineering approval is required prior to printer installation.
 - ✓ No wood flooring, no carpet installations, etc.
- Auto-paint-shop quality compressed air systems are **required** for all super-wide printers.
 - ✓ Multi-stage – industrial air compressor sized @ 30-50% duty cycle required.
 - ✓ Refrigerant or desiccant dryers are a **must**, with 1 micron filtration + moisture separation.

2.0 Required Temperature and Humidity Ranges

Printer Family	Temp. F	Temp. C	Humidity	Voltage	Amperage	Compressed Air
VUTEK h 3/5	68-86 Degrees	20-30 Degrees	30-80%	400-480 3 Phase	30 Amp	16 CFM @ 110 PSI
VUTEK FabriVU	68-78 Degrees	20-25 Degrees	40-60%	Multiple - see ITS-00176	Multiple - see ITS-00176	4 CFM @ 100PSI
VUTEK R & R+	68-86 Degrees	20-30 Degrees	30-80%	208 3 Phase +/- 5%	32 Amp	4 CFM @ 100PSI
VUTEK LX3	68-86 Degrees	20-30 Degrees	30-80%	200-230/400-460 3 Phase	20/10 Amp	16 CFM @ 110 PSI
VUTEK GS3250	68-86 Degrees	20-30 Degrees	30-80%	200-230/400-460 3 Phase	60/30 Amp	4 CFM @ 90PSI
VUTEK GS LX	68-86 Degrees	20-30 Degrees	30-80%	200-230/400-460 3 Phase	20/10 Amp	12 CFM @ 110 PSI
VUTEK HS	68-86 Degrees	20-30 Degrees	30-80%	Multiple - see ITS-00133	Multiple - see ITS-00133	4 CFM @ 100PSI
EFI Pro 16H	65-80 Degrees	18-26.7 Degrees	30-80%	208-240 Single Phase	30 Amp	N/A
EFI Pro 24F	68-86 Degrees	20-30 Degrees	30-80%	208-240 Single Phase	30 Amp	N/A
EFI Pro 32R	68-84 Degrees	20-29 Degrees	50-80%	208 Single Phase	25 Amp	3.5 CFM @ 87 PSI
EFI H1625	65-80 Degrees	18-26.7 Degrees	30-80%	208-240 Single Phase	30 Amp	N/A