## Product Specifications

### System Size and Weight
- **F120**: 889 x 870 x 721 mm (35 x 35 x 29 in.), 124kg (275 lbs)
- **F170, F270, F370**: 1,626 x 864 x 711 mm (64 x 34 x 28 in.), 227 kg (500 lbs) with consumables

### Noise Specification
46 dB maximum during build, 35 dB when idle

### Layer Thickness

<table>
<thead>
<tr>
<th>Material</th>
<th>0.330mm (0.013 in.)</th>
<th>0.254mm (0.010 in.)</th>
<th>0.178mm (0.007 in.)</th>
<th>0.127mm (0.005 in.)</th>
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<td>PLA</td>
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<td>ASA</td>
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<td>PC-ABS</td>
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<td>ABS-ESD7™</td>
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<td>Diran™ 410MF07</td>
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<td>FDM™ TPU 92A</td>
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### Accuracy
Parts are produced within an accuracy of +/- .200 mm (.008 in), or +/- .002 mm/mm (.002 in/in), whichever is greater.

### Network Connectivity
- Wired: TCP/IP protocols at 100 Mbps minimum 100 base T, Ethernet protocol, RJ45 connector
- Wireless-ready: IEEE 802.11n, g, or b; Authentication: WPA2-PSK, 802.1x EAP; Encryption: CCMP, TKIP

### System Requirements
Windows 7, 8, 8.1 and 10 (64 bit only) with a minimum of 4GB RAM (8 GB or more recommended)

### Operating Environment
- **Operating**: Temperature: 59 – 86 ºF (15 – 30 ºC), Humidity: 30 – 70% RH
- **Storage**: Temperature: 32 – 95 ºF (0 – 35 ºC), Humidity: 20 – 90% RH

### Power Requirements
100–132V/15A or 200 – 240V/7A, 50/60 Hz

### Regulatory Compliance
CE (low-voltage and EMC directive), FCC, EAC, cTUVus, FCC, KC, RoHs, WEEE, Reach

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