

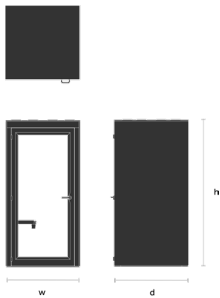
## Residence Max

### Product Overview

Residence Max comes with a glazed door, allowing light to continue to shine through and a birch plywood finish, providing a raw, natural aesthetic. Available with either a height-adjustable or fixed desk in a seated or standing working position, adjustable ventilation and built-in power, it is designed to be comfortable for longer working hours. The product boasts extremely high acoustic quality and has a highly adaptable design with a huge range of finish options. Residence Max comes in two versions, Wellness and Wellness Plus, both of which are designed to be very sustainable, containing low emitting materials and designed to provide a high quality user experience.

### Dimensions

44<sup>7</sup>/<sub>8</sub>"w x 44<sup>3</sup>/<sub>4</sub>"d x 88"h (inches)



Internal Height	84.5"
Internal Width	37.5"
Internal Depth	36"
Door Positioning	Side Opening
Desk: Max Load	33 lbs
Desk: Min Height	28 <sup>3</sup> / <sub>8</sub> "
Desk: Max Height	48"
Monitor Min Height above Desk	5.9"
Monitor Max Height above Desk	11.9"
Monitor Max Weight	2.2 lbs

### Environmental Summary

During the development journey we always kept our environmental impact in mind. This is demonstrated in the following key features of the design when the pod is purchased with the recommended finishes:

- All materials used are LBC 3.1 Red List Compliant, an extremely stringent standard
- Patented PVC-free acoustic door seal
- Product lifecycle – the products are designed to be modular and reconfigurable to cater for future needs without wastage and using more resources.
- Power usage – the products are designed with minimum idle power usage, with a PIR movement sensor to switch off the lighting after a period of non-use.
- FSC certified lumber.

### Environmental Document & Declare Label



### Materials

Comprising of two or more panes of glass which are bonded together using a specially designed high performance clear PVB interlayer. Various performances can be achieved by combining different types of glass thickness and number of interlayers. Key features include:

- Break safe characteristics
- Resists attack
- UV Protection
- Improved acoustic performance
- Manufactured in accordance with EN 14449
- Minimised UV-transmission
- Sound Control

Resistance to Fire	NPD
Reaction to Fire	NPD
External Fire Performance	NPD
Bullet Resistance	NPD
Explosion Resistance	NPD
Category of Resistance (EN 356)	P2A
Pendulum Body Impact Resistance	1(B)1
Resistance Against Sudden Temperature Changes & Temperature Differentials	40K
Wind, Snow, Permanent & Imposed Load Resistance	0.39"
Direct Airborne Sound Insulation	37 (0;-3) dB
Thermal properties	
Thermal Transmittance (U-value)	5.6 W/(m <sup>2</sup> ,K)
Radiation properties	
Light Transmittance	0.89
Light Reflection	0.08
Solar Energy Transmission	0.72
Solar Energy Reflection	0.07

NPD = No Performance Determined

### Electrics

#### Ventilation

8 fans per pod

User-adjustable ventilation

Fan Speed: 400 - 1,500rpm (variable speed via control knob on the desk)

Airflow: 25CFM - 140CFM

Static Pressure: 0.25mmH<sup>2</sup>O – 3.0mmH<sup>2</sup>O

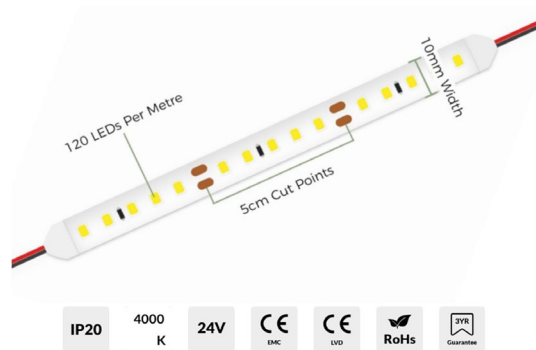
## Product Name

### Lighting

Diffuse lighting behind monitor with dimmer for user adjustment for best lighting level.

LED Tape:

Length	33.4"
Voltage	24V
Watts p/M	21W p/M
No. of LEDs p/M	120 LEDs
Colour	Neutral White
Colour Temperature	4000K
IP Rating	IP20
Lumens p/M	2460LM
Lumens p/W	117LM
LED Chip Type	2835 SAN AN
LED Chip Size	0.11" x 0.13"
Beam Angle	120°
CRI	>80
PCB Width	0.39"
PCB Thickness	0.04"
Cut Points	Every 1.9"
Operating Temp	- 104°F to + 104°F
Average Lifespan	Up to 25000 Hours
Certification	CE-EMC CE-LVD RoHS
Guarantee	3 Years

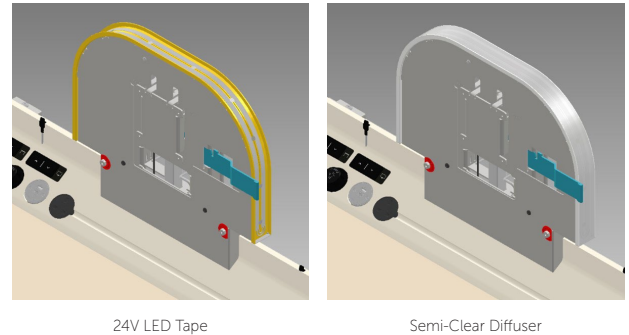


Semi-Clear Diffuser:

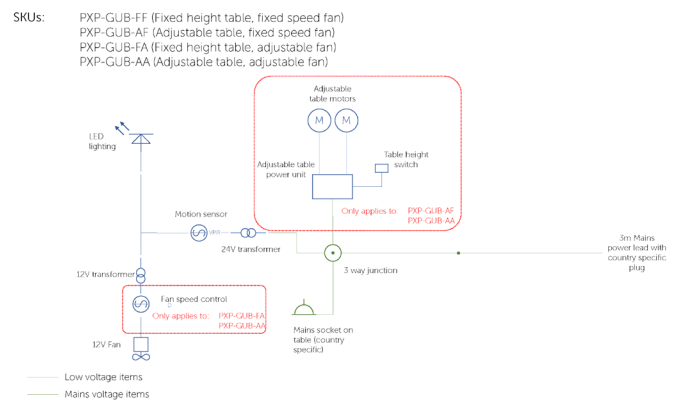
Alters the Kelvin Temperature of the LED Tape by approximately 10% - CCT will appear cooler



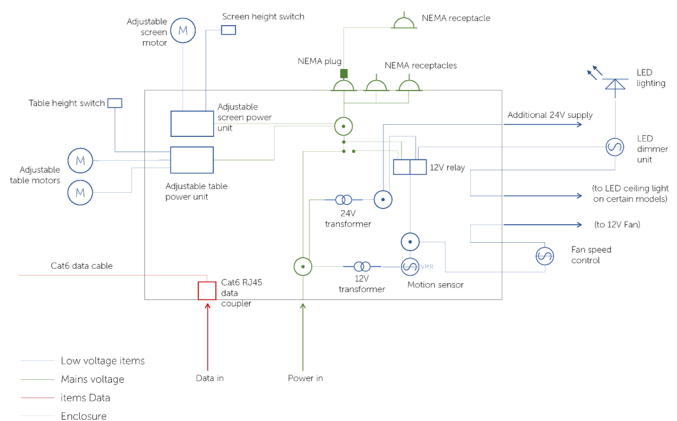
Location of Parts in Assembly:



### Power / Electrical Schematic



### Deluxe VC Height Adjustable Table Schematic

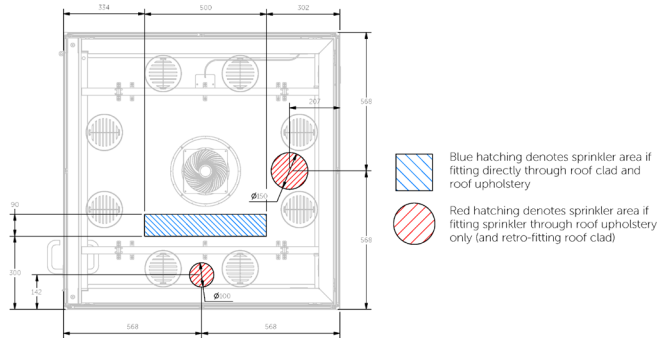


### Safety

#### Sprinklers

To address the need for any required fire sprinkler regulations, Spacestor Max is designed to accept a sprinkler head drop from the building fire sprinkler system via a cut out, managed per project with the Project Manager. A flexible fire sprinkler drop is recommended.

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### Fire Ratings

If a fire alarm is required, a cut-out for the standard specification of a 4"/100mm square extra deep junction box can be provided or a different size cut-out for other specifications.

### Weight Limits

No weight should be placed on Residence Max when installed and fixing of parts outside the Residence Max range to the product, e.g., screens, is a non-intended use of the product. In the event of non-intended use, Spacestor shall assume no liability for any damage caused and the guarantee for correct functional operation of the components shall no longer apply.

### Lifting

Product must be handled by 2 operatives.

### Structural

- Spacestor provides vetted anchorage details for various floor types; raised access floor, carpet and concrete floors. Please speak to a Spacestor representative to find the appropriate detail for your floor type and coordinate with floor manufacturer for installation.
- Installation using a through bolt or a top-down bolt depends upon the RAF specification selected by the project team.

Adjustable levellers on the product have up to 3/4"/20mm tolerance.

### Safety

- All maintenance and repair tasks must be performed by appropriately qualified and authorised technicians.
- Only use tools that are appropriate for these tasks.
- For longer periods of absence or if there is a thunderstorm, unplug the power supply cable from the power outlet to avoid damage due to grid-related over-voltage.

Function Check:

- The components of Residence Connect should be checked for proper function at regular intervals. Particular attention should be devoted to the electrical connections (if electrical accessories purchased):
- The electrical equipment for the desk should be checked regularly. Loose connections and damaged cables should be replaced immediately.
- Only remove or establish plug connections when the pod is de-energised.
- The pod plug must be easily accessible at all times.

### Seismic

- The pod is seismically engineered with floor fixing positions built into the base frame, making it suitable for installation on a raised-access floor, as well as carpet and concrete floors. It also has adjustable levellers with up to 3/4"/20mm tolerance.
- Design teams should check with local jurisdictions for seismic requirements.

### UL Listing

- Residence Max is UL 962 Listed in the United States & Canada. Please note the UL listing is directly tied to the graded-in textiles from LUUM and Camira.
- The following textiles are required along with the specific designations:
  - Luum Heather Tech - Crag Tech 4059-07 (side and back wall panel)
  - Luum Digi Tweed - Topaz Tweed 4058-02 (desk LH panel, desk RH panel and screen wall panel)
  - Luum Heather Tech - Topaz Tech 4059-02 (ceiling panel)



### Acoustics

#### Rating

The acoustic performance was optimised during the design process to achieve Speech intelligibility privacy by using high acoustic performance materials and a patented acoustic seal technique.

The Residence Connect product was tested in a Laboratory for acoustic performance. The results are as follows:

- Measurements were made in accordance with ISO 23351-1 with the single figure Speech Level Reduction (DS,A) and Class determined for each unit.
- Measurements were also made in accordance with ASTM E596 with subsequent calculations in accordance with ASTM E413 in order to determine the single figure Noise Isolation Class (NIC) for each unit.

Unit	ISO 23351-1		ASTM E596
	DS,A	Grade	NIC
Residence Max	24.6	C	28

'Acoustic performance' of a pod is the noise reduction level (sound from inside to outside/outside to inside). Noise reduction level is affected by external factors - e.g. the environment, external noise level, how close the pod is to a wall etc.

Decibel reduction rating in excess of 35dB achieved through high performance acoustic materials and acoustic seal technique, dependant on site conditions & configuration.

For example, in an exhibition hall you would have a very high level of sound reduction whereas in a quiet office it would be much lower rating.

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The FIS are working with various parties to try and establish a methodology for testing & qualifying acoustic performance in a like for like way.

The materials used in the products have noise absorbing properties ranging from 30 to 60+ db rating but this is not representative of the product as a whole.

We have designed our products in such a way to block sound transfer but there are other factors such as the building sub-floor etc that affect the noise reduction level.

### Shipping

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Shipping dims/weight/packaging are dependant per project - please enquire.