**Specification for h/p/cosmos running machine to be put into Environmental Chamber / Climate Chamber**

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| --- | --- | --- | --- |
|  | standard h/p/cosmos specifications **(example)** | h/p/cosmos climatic chamber treadmill specifications  **(example)** | customer specifications |
| h/p/cosmos device & model name | h/p/cosmos mercury med | medical treadmills only |  |
| h/p/cosmos device article no. | cos30000va08 |  |  |
| h/p/cosmos running machine serial-no. |  |  |  |
| Voltage power supply | 1 x 230 V AC | 1 x 230 V AC or 3x230 / 400 V AC |  |
| Voltage power frequency | 50 Hz or 60 Hz / cycles | 50 Hz or 60 Hz / cycles |  |
| Fuses for power socket | 15 Ampere | 15 Ampere or 3 x 16 Amp or 3 x 32 Amp |  |
| Power socket / outlet | 1-phase 230V: German socket 16 Ampere | 1-phase 230V: German socket 16 Ampere  3 x 230 / 400 V AC CEE 16 A or 32 A |  |
| Customer / Institute name incl. Contact person, address and all contact details |  |  |  |
| Manufacturer of the environment chamber |  |  |  |
| address, tel., fax, email & website of the environment chamber manufacturer |  |  |  |
| device & model name of the chamber |  |  |  |
| safety standard and MDD classification of the chamber |  |  |  |
| serial no. of the environment chamber |  |  |  |
| safety standard and MDD classification of the running machine | CE 0123, IEC EN 60601-1,  IEC EN 60601-1-2, IEC EN 60601-1-4,  EN 957-1, EN 975-6  MDD: class IIb  EN 957: class S, I, A  EN 62304: class C | CE 0123, IEC EN 60601-1,  IEC EN 60601-1-2, IEC EN 60601-1-4,  EN 957-1, EN 975-6  MDD: class IIb  EN 957: class S, I, A  EN 62304: class C |  |
| Internal measurements of chamber  (L: incl. Safety area at the back,  H: at max. elevation and \*) | min. L: 460 cm B: 320 cm H: 270 cm | Depends on treadmill |  |
| Height required without safety arch\* | 250 cm at max. elevation | Depends on treadmill |  |
| Height required with safety arch\* | 260 cm at max. elevation | Depends on treadmill |  |
| Temperature range in chamber | +10°C to +40°C | -20 to +40°C **or** +10°C to +40°C |  |
| Humidity in chamber | 30% to 75% (non condensing) | 20 to 100% condensing **or** 20% to 85% non condensing |  |
| Min. time of temperature alteration in chamber | from + 21°C to + 25°C in 5 min  from + 25°C to + 21°C in 5 min | from – 20°C (+10°C) to + 40°C (+40°C) in 60 min  from + 40°C (+40°C) to – 20°C (+10°C) in 60 min |  |
| Min. time of humidity alteration in chamber | from 45% to 75% in 5 min  from 75% to 45% in 5 min | from 25% (25%) to 95% (85%) in 60 min  from 95% (85%) to 25% (25%) in 60 min |  |
| Head wind | n.a. | max. 11 m/sec. (40 km/h) |  |
| Air pressure | from 860 hPa to 1060 hPa  (445 mm Hg to 795 mm Hg) | from 860 hPa to 1060 hPa  (445 mm Hg to 795 mm Hg) |  |
| Altitude | max. 1000 m above sea level | max. 1000 m above sea level |  |
| Vibrations | max. 0.6 G | max. 0.6 G |  |
| Handrails, UserTerminal, frame, motor, etc | UserTerminal mounted on handrail of treadmill. Normal frame.  Standard motors. Standard rollers. | UserTerminal in external control-terminal outside of the chamber and connected via special cable and tube. Frame and rollers special zinc coating treatment against rust. Special additional boreholes in frame for air ventilation. Special drive- & elevation motor with additional measurements. |  |
| Warranty for parts | 3 years | 1 year |  |
| pay attention to special drawings |  | cos13797 |  |
| Lengths of cable from UserTerminal in external control-terminal outside of the chamber to running machine | n.a. | 550 cm |  |
| others |  |  |  |
| Wall breakthrough for User Terminal cable | n.a. |  |  |
|  |  |  |  |

\* at a subject height of max. 200cm. Modifications possible on request. All h/p/cosmos components (UserTerminal, PC, printer, etc.) which are outside the environment chamber meet the standard specifications which are listed in the h/p/cosmos operation manual.

The above listed conditions and technical data are examples only.

Please contact the manufacturer of the climate chamber to get precisely data for the range of possible environmental conditions in the chamber.

Please contact h/p/cosmos for a quotation of a special design to meet these conditions.

Date, Stamp, Name and Signature of customer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_