

Specifications

Environmental

Operating Temperature: 5° to 35° C (41° to 95° F)
Storage Temperature: -20° to 60° C (-4° to 140° F)
Relative Humidity (operating & storage): 15 to 95% (non-condensing)
Atmospheric Pressure: 101 to 77 kPa (0 - 2286 m / 0 - 7500 ft)

Physical

Dimensions: 15.7 x 19.3 x 8.4 cm (6.2" L x 7.6" W x 3.3" H)
Weight (Device with power supply): Approximately 1.33 kg (2.94 lbs)

Service Life

The expected service life of the DreamStation Therapy Device and Link Module is 5 years.

Standards Compliance

This device is designed to conform to the following standards:

IEC 60601-1 General Requirements for Basic Safety and Essential Performance of Medical Electrical Equipment
ISO 80601-2-70 Sleep Apnea Breathing Therapy Equipment
EN 60601-1-2 Electromagnetic Compatibility
RTCA/DO-160G section 21, category M; Emission of Radio Frequency Energy

IEC 60601-1 Classification

Type of Protection Against Electric Shock: Class II Equipment
Degree of Protection Against Electric Shock: Type BF Applied Part
Degree of Protection against Ingress of Water:
Device: Drip Proof, IP22
Link Module: Drip Proof, IP22
80W power supply: Drip Proof, IP22
Mode of Operation: Continuous

Electrical

AC Power Consumption (with 80W power supply): 100 – 240 VAC, 50/60 Hz, 2.0-1.0 A
Note: Power supply is part of the medical electrical equipment.
DC Power Consumption: 12 VDC, 6.67 A
Fuses: There are no user-replaceable fuses.

Radio Specifications

Operating Frequency Range: 2402 - 2480 MHz
Maximum Output Power: 4.0 dBm
Modulation: GFSK, P/4 DQPSK, 8DQPSK

Intake Port Filters

Pollen Filter: 100% Polyester
88% Efficient @ 7-10 micron size
Ultra-fine Filter: Blended Synthetic Fiber
95% Efficient @ 0.5-0.7 micron size

Declared Dual-Number Noise Emissions Values

In accordance with ISO 4871

The A-weighted sound pressure level is:

Device: 25.8 dB(A) with and uncertainty of 2 dB(A).
Device with Humidifier: 27.9 dB(A) with and uncertainty of 2 dB(A).

The A-weighted sound power level is:

Device: 33.8 dB(A) with an uncertainty of 2 dB(A).
Device with Humidifier: 35.9 dB(A) with an uncertainty of 2 dB(A).

Note: Values determined according to noise test code given in ISO 80601-2-70:2015, using the basic standards ISO 3744 and ISO 4871.