

Cozy™ Warm Air Heater

Specifications and Parameters

Physical Characteristics	
Dimensions	11"H x 8.6"W x 8.6"L
Weight	10 lbs.
Relative noise level	<55 db
Hose	Flexible, compatible with the IOB warming system
Filtration System	High efficiency .2µm filter
Recommended filter change	Every 500 hours of use
Temperature Characteristics	
Recommended operating environment	Temperature: 59°F to 77°F
Temperature control	Electronic control
Heat generated	750W (average)
Operating temperatures	Average temperatures at the end of the hose: HIGH: 109°F ± 5°F MID: 100.4°F ± 5°F LOW: 89.6°F ± 5°F
Safety System	
Thermostat	Independent electronic circuit; thermal cutoff shuts the heater OFF to ensure hose end air remains below 127.4°F (127.4°F ± 5°F typical); back-up over-temperature detection at hose inlet.
Alarm System	Over-temperature (127.4°F ± 5°F typical): red Over-temp indicator light flashes, alarm sounds, heater and fan shut down, operating indicator lights turn OFF, control panel becomes unresponsive.
Fault	Fault information will display on the LCD, alarm sounds.
Over current protection	Dual input fused lines
Electrical Characteristics	
Heating element	1000W Resistive PTC
Leakage Current	Meets IEC 60601-1 requirements
Fan motor	Operating speed: approximately 2900 rpm No Load Airflow: 50cfm or 23 L/s
Power consumption	PEAK: 1500W AVERAGE: 750W
Device ratings	110-120V; 60Hz; 12 A 30V; 50/60 Hz; 8A
Power cord	16 ft, 3 Cond, 13 A (110V)
Fuses	110-120V Darvall Cozy: 6c, 12A x 1; 5C, 12A x 2
Classification	Classified under IEC 60601-1 Guidelines (and other national versions of the Guidelines) as Class I, Type BF, Ordinary equipment, continuous operation. Not suitable for use in the presence of flammable anesthetic mixtures with air or with oxygen or nitrous oxide. Device Directive as a Class II device (US FDA)

Note: The Darvall Cozy rating is 110-120V OR 220-240V & cannot be used simultaneously in both voltage ranges. Please refer to SN label on the Darvall Cozy Heater to confirm correct voltage.