

# The IQool™ System

ADVANCED TEMPERATURE MANAGEMENT

[BRAINCOOLINC.COM](http://BRAINCOOLINC.COM)



The IQool™ System puts temperature control at your fingertips. IQool offers an easy to use intuitive interface, informative graphics, and an automatic feedback loop allowing clinicians to manage their patient rather than a device.

**CONTACT YOUR BRAINCOOL REPRESENTATIVE FOR MORE INFORMATION.**



The IQool™ System soft silicone pads along with the neoprene insulating wraps are user and patient friendly.

- ✓ EASY TO APPLY
- ✓ NON-ADHESIVE
- ✓ INTIMATE SKIN CONTACT
- ✓ QUICK AND EASY SKIN CHECKS
- ✓ PRE-FILLED/NO PURGING
- ✓ THE PADS LAST THE CONTINUUM OF CARE

 BrainCool

[WWW.BRAINCOOLINC.COM](http://WWW.BRAINCOOLINC.COM)  
[INFO@BRAINCOOLINC.COM](mailto:INFO@BRAINCOOLINC.COM)



**Intelligent.  
Safe.  
Simple.**

## CONTACT BRAINCOOL

BrainCool, Inc.  
445 Defense Highway  
Suite F  
Annapolis, MD 21401

844.640.2333

[www.braincoolinc.com](http://www.braincoolinc.com)  
[info@braincoolinc.com](mailto:info@braincoolinc.com)

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## SPECIFICATIONS

### THERAPY MODES

Normothermia: Control Patient  
Hypothermia: Cool Patient  
Rewarm Patient

### CIRCULATING FLUID (COOLANT)

Diluted monopropylene glycol

### RESERVOIR CAPACITY

4.0 liters

### COOLANT FLOW RATE

Approx. 4.5 liters per minute

### PATIENT PROBE

Refer to approved accessories in IFU

### PATIENT TEMPERATURE INPUTS

Patient Temp 1: control, monitor, alarm  
Patient Temp 2: monitor, alarm

### PATIENT TEMPERATURE DISPLAY RANGE

28°C to 45°C  
82.4°F to 113°F  
0.1°C / °F increments

### PATIENT CORE TEMPERATURE DIRECT MEASUREMENT ACCURACY

output range  
±0.3°C (35°C to 42°C)  
extended output range:  
±0.4°C (28°C to 35°C)  
±0.4°C (42°C to 45°C)  
Including ±0.2°C accuracy of external  
temperature probe

### PATIENT TEMPERATURE CONTROL RANGE

33°C to 38.5°C  
91.4°F to 101.3°F  
0.1 °C/°F increments

### COOLANT TEMPERATURE DISPLAY RANGE

1°C to 45°C / 33.8°F to 113.0°F  
0.1 °C/°F increments

### COOLANT TEMPERATURE CONTROL RANGE (AUTOMATIC)

4°C to 40°C / 39.2°F to 104°F

### HIGH COOLANT TEMPERATURE LIMIT

41°C / 105.8°F

### LOW COOLANT TEMPERATURE LIMIT

-1°C / 30.2°F

### MAINS INPUT

115 VAC, 50/60 Hz, 15.0 Amp (nominal)

### OPERATING RELATIVE HUMIDITY RANGE

18°C to 27°C / 64.4°F to 80.6°F  
15 – 90% RH

### STORAGE/TRANSPORT TEMPERATURE RANGE

-20°C to 50°C / -4°F to 122°F  
15 – 90% RH

### DIMENSIONS

Height: 41 inches (104.1 cm)  
Width: 20 inches (50.8 cm)  
Depth: 24 inches (61 cm)

### WEIGHT

Empty: 73 kg / 161 lbs.  
Filled: 77 kg / 169 lbs

*The IQool System™ should only be used as indicated and by trained healthcare professionals. Only IQool System Pads and accompanying neoprene insulation wraps should be used with The IQool System. Refer to the IQool System Instructions For Use for warnings, cautions, contraindications, indications for use and additional information.*