

◊ Celebrating ◊  
**20**  
◊ YEARS ◊  
In Business

 **iCoolsport.com**

PRODUCT  
INFORMATION

# Maximum Power Ice Bath Machines for Big Pools

From the World's Largest, Longest  
Established Ice Bath Manufacturer

## **TurboCool TYPHOON**

**Twin Engine Machine - Seriously Fast Cooling  
for pools up to 10,000L**



## **TurboCool MINI**

**Seriously Fast Cooling  
for pools up to 2500L**



**The World's Most Popular Big Pool Ice Bath Machines.**



# The Industry Leading iCool TurboCool Typhoon >

**Our most powerful and quiet chiller ever.**



**Large touch screen  
controller included.**

## ***Features:***

- Twin heat pumps For extra reliability and lower operating cost.
- Massive 20,000 watt of cooling or heating power.
- Low noise operation use in noise sensitive areas.
- Low cost installation and ownership.
- Extra tough marine grade materials with all-weather UV+ coatings.
- Sealed, weather-proof electronics.
- Big 15' wall mounted high definition touch screen included.

**Simple water connections | Advanced user interface | Weather sealed electronics**





## Features:

- Fast cooling or heating in a compact size.
- All the benefits of the TurboCool Typhoon but in a compact size.
- 10,000 watt heat pump.
- Fully automatic operation.
- Connects to any iCoolSport pool or your own pool or tub
- Add to any of our MiPod or inflatable range and you have the world's fastest chilling ice bath.

# The Exceptional All New iCool TurboCool < MINI

**Our most powerful and quiet chiller ever,  
for small to medium ice baths.**

**Large touch screen  
controller included.**



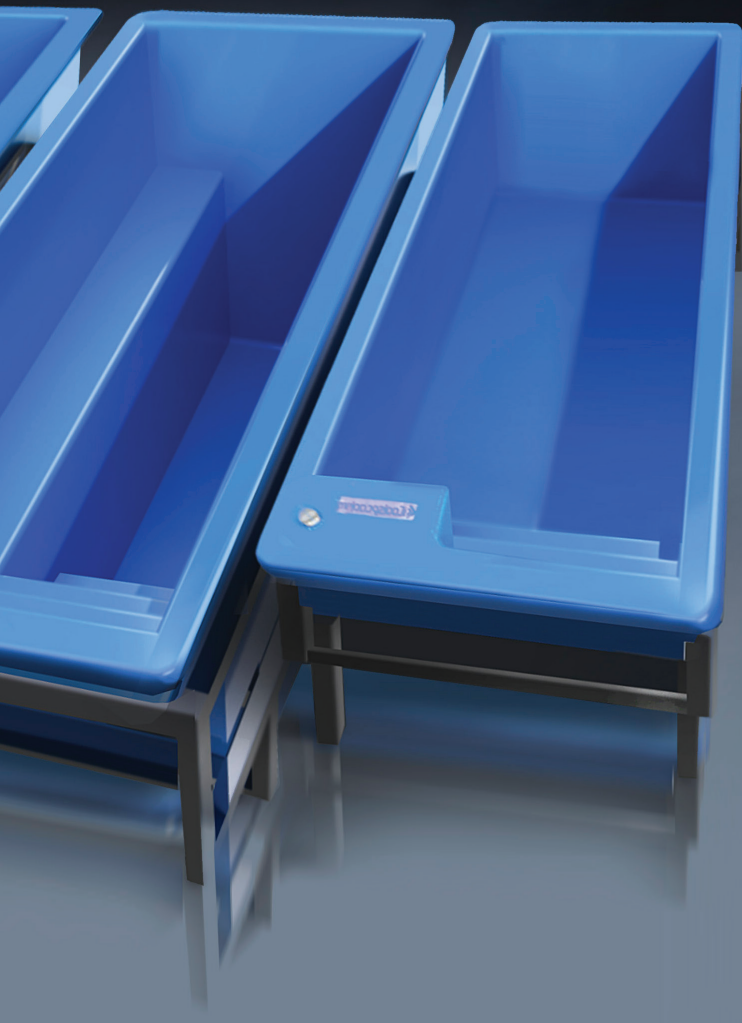
**Simple water connections | Advanced user interface | Weather sealed electronics**





# TurboCool Typhoon range is best for ✓

- Most insulated ice bath recovery pools up to 10,000 litres.
- Any of the iCoolSport TR Series of extra large ice bath recovery pools.
- A perfect replacement for existing recovery type pools either small or large.



# TurboCool MINI Range is best for ✓

- Any insulated ice bath recovery pool up to 2500 litres
- Any of the iCoolSport product range, including the MiPod range : IcePod range: Ice Pro range.
- Any home bath tub or small spa pool or your own pool.





Compare the small and large pool chiller range

# Which Turbo Solution is Right For You? >



## Turbo Typhoon Cool

### Large Pool HeatPump Chiller

- ✓ 58dB Low Noise
- ✓ Low operating cost

**10,000L**  
Max. Pool Volume

**105cm x 85cm x 38cm**  
External Dimensions

**20,000 watts**  
Cooling Power

**N/A**  
No Heating Power

**4°C**  
Minimum Setting  
Software limited for safety

**100 Kg / 220 Lbs**  
Net Weight

**450mm**  
Fan Size X 2

**ONE TOUCH START**  
Automatic Operation

✓ **YES**  
24/7 Operation  
Allowed

**15" touch screen**  
Remote Control  
Operation

**220V**  
Line Voltage

**iCool Big Deep Pool Range**  
TR2000 TR3000 or TR4000



## Turbo Typhoon

### Large Pool HeatPump Chiller

- ✓ 58dB Low Noise
- ✓ Low operating cost

**10,000L**  
Max. Pool Volume

**105cm x 85cm x 38cm**  
External Dimensions

**20,000 watts**  
Heating Power

**20,000 Watts**  
Heating Power

**4°C**  
Maximum Setting  
Software limited for safety

**100 Kg / 220 Lbs**  
Net Weight

**450mm**  
Fan Size X 2

**ONE TOUCH START**  
Automatic Operation

✓ **YES**  
24/7 Operation  
Allowed

**15" touch screen**  
Remote Control  
Operation

**220V**  
Line Voltage

**iCool Big Deep Pool Range**  
TR2000 TR3000 or TR4000



## Turbo Typhoon Dual Temp - *SPECIAL ORDERS*

### Large Pool HeatPump Chiller

- ✓ 58dB Low Noise
- ✓ Low operating cost

**10,000L**  
Max. Pool Volume

**105cm x 85cm x 38cm**  
External Dimensions

**20,000 watts**  
Cooling + Heating

**20,000 Watts**  
Heating Power

**from 4°C to 45°C**  
Minimum Setting  
Software limited for safety

**100 Kg / 220 Lbs**  
Net Weight

**450mm**  
Fan Size X 2

**ONE TOUCH START**  
Automatic Operation

✓ **YES**  
24/7 Operation  
Allowed

**15" touch screen**  
Remote Control  
Operation

**220V**  
Line Voltage

**iCool Big Deep Pool Range**  
TR2000 TR3000 or TR4000



## TurboCool Mini Power Chill

### Small Pool HeatPump Chiller

- ✓ 58dB Low Noise
- ✓ Low operating cost

**2,500L**  
Max. Pool Volume

**54.4cm x 85cm x 38cm**  
External Dimensions

**10,000 watts**  
Cooling Power

**N/A**  
No Heating Power

**2°C**  
Minimum Setting  
Software limited for safety

**68 Kg / 150 Lbs**  
Net Weight

**450mm**  
Fan Size X 1

**ONE TOUCH START**  
Automatic Operation

✓ **YES**  
24/7 Operation  
Allowed

**13.3" touch screen**  
Remote Control  
Operation

**220V**  
Line Voltage

**Suits Most iCool Pools**  
TR2000: MiPod :  
IcePod : MiPod ULTRA  
: MiPod PRO+  
All inflatables



## TurboCool Mini Power Heat

### Small Pool HeatPump Chiller

- ✓ 58dB Low Noise
- ✓ Low operating cost

**2,500L**  
Max. Pool Volume

**54.4cm x 85cm x 38cm**  
External Dimensions

**N/A**  
Cooling Power

**10,000 watts**  
No Heating Power

**4°C**  
Minimum Setting  
Software limited for safety

**68 Kg / 150 Lbs**  
Net Weight

**450mm**  
Fan Size X 1

**ONE TOUCH START**  
Automatic Operation

✓ **YES**  
24/7 Operation  
Allowed

**13.3" touch screen**  
Remote Control  
Operation

**220V**  
Line Voltage

**Suits Most iCool Pools**  
TR2000: MiPod :  
IcePod : MiPod  
ULTRA  
: MiPod PRO+  
: MiPod PRO+



# TurboCool > Typhoon Specification

The TurboCool Typhoon is our latest fully-automatic ice bath chiller and heater. It utilises a unique “Twin Engine” design to provide higher efficiency, lower running costs, single phase power operation, and enhanced reliability.



15" touch screen | Remote control operation



**REFRIGERANT:** The TurboCool Typhoon's natural hydrocarbon refrigerants are more efficient and environmentally friendly than fluorocarbon.

**UNIT DIMENSIONS:** L1020mm X W383mm X H835mm.

**MATERIALS:** Laser-cut aluminium with UV resistant coatings. High pressure PVC plumbing with elastomeric anti-shock boots.

**WEIGHT:** 122Kg Gross.

**VOLTAGE:** 220 - 240 volts, single phase (110v models also available).

**MAX CURRENT:** 20 Amps.

**RUN CURRENT:** 6 - 12 Amps controlled by the operating system for maximum efficiency.

**REFRIGERANT:** HyChill 40 or HyChill 50 or R290. 380grams in each heat pump.

**CONDENSER FANS:** 450mm. Typical volume: 58dB at 1 metre.

**COMPRESSORS:** 2 x Mitsubushi, each rated at 10kW at 12°C.

**VENTILATION:** 3000cfm of unrestricted airflow must be allowed at full power. Outdoor mounting easily meets this requirement.

**MAXIMUM COP:** 5

**EVAPORATORS:** Copper Tube, aluminium fins and frames with anti-corrosion coatings.

**CONDENSERS:** Titanium tubes contained in high-pressure PVC tanks. Water pressure rating of 5 Bar (75 PSI).

**FUNCTION CONTROL:** 15-inch touch screen remotely mounted up to 50m from TurboCool.

**OPERATING SYSTEM:** Proprietary OS developed by iCool especially for automatic Ice baths.

**RUNNING COST:** Less than 50 cents per hour (50% duty cycle, 25 cents per kWh). Cost will vary according to local power prices.

**POOL CAPACITY:** Recommended for chilling or heating pools up to 5000 litres and 12 users (up to 10,000 litres if the pool is well insulated).



13.3" touch screen | Remote control operation



## < TurboCool MINI Specification

The TurboCool MINI is an all new addition to our highly successful TurboCool Range of ice bath chillers and heaters. The CHILL version provides rapid cooling for smaller pools up to 2500 litres, while retaining all of the operational simplicity and technological benefits of the larger TurboCool.

**REFRIGERANT:** The TurboCool MINI's natural hydrocarbon refrigerants are more efficient and environmentally friendly than fluorocarbon.

**UNIT DIMENSIONS:** L544mm X W386mm X H831mm

**MATERIALS:** Laser-cut aluminium with UV resistant coatings. High pressure PVC plumbing with elastomeric anti-shock boots.

**WEIGHT:** 60Kg Gross.

**VOLTAGE:** 220-240 volts, single phase (110v models also available).

**MAX CURRENT:** 10 Amps.

**RUN CURRENT:** 5-9 Amps controlled by the operating system for maximum efficiency.

**REFRIGERANT:** HyChill 40 or HyChill 50 or R290. 380grams in each heat pump.

**CONDENSER FANS:** 450mm. Typical volume: 58dB at 1 metre.

**COMPRESSORS:** 2 x Mitsubishi, each rated at 10kW at 12°C.

**VENTILATION:** 3000cfm of unrestricted airflow must be allowed at full power. Outdoor mounting easily meets this requirement.

**MAXIMUM COP:** 5

**EVAPORATORS:** Copper Tube, aluminium fins and frames with anti-corrosion coatings.

**CONDENSERS:** Titanium tubes contained in high-pressure PVC tanks. Water pressure rating of 5 Bar (75 PSI).

**FUNCTION CONTROL:** 13.3-inch touch screen remotely mounted up to 50m from TurboCool.

**OPERATING SYSTEM:** Proprietary OS developed by iCool especially for automatic Ice baths.

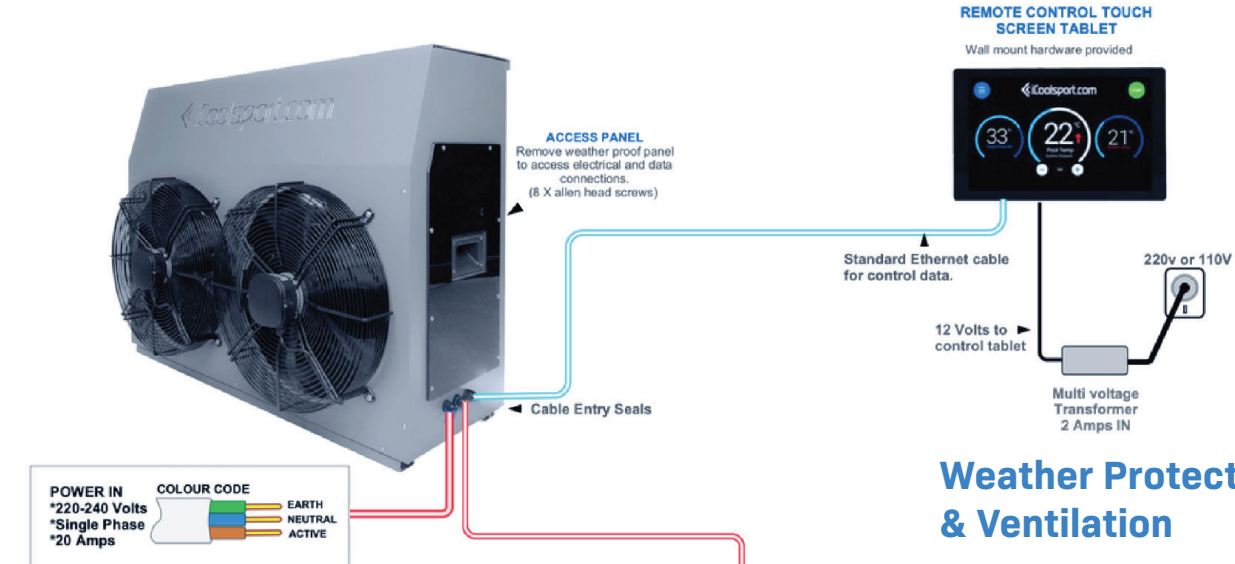
**RUNNING COST:** Less than 25 cents per hour (50% duty cycle, 25 cents per kWh) Cost will vary according to local power prices.

**POOL CAPACITY:** Recommended for chilling or heating pools up to 2500 litres and 6 - 8 users (up to 3,000 litres if the pool is well insulated).

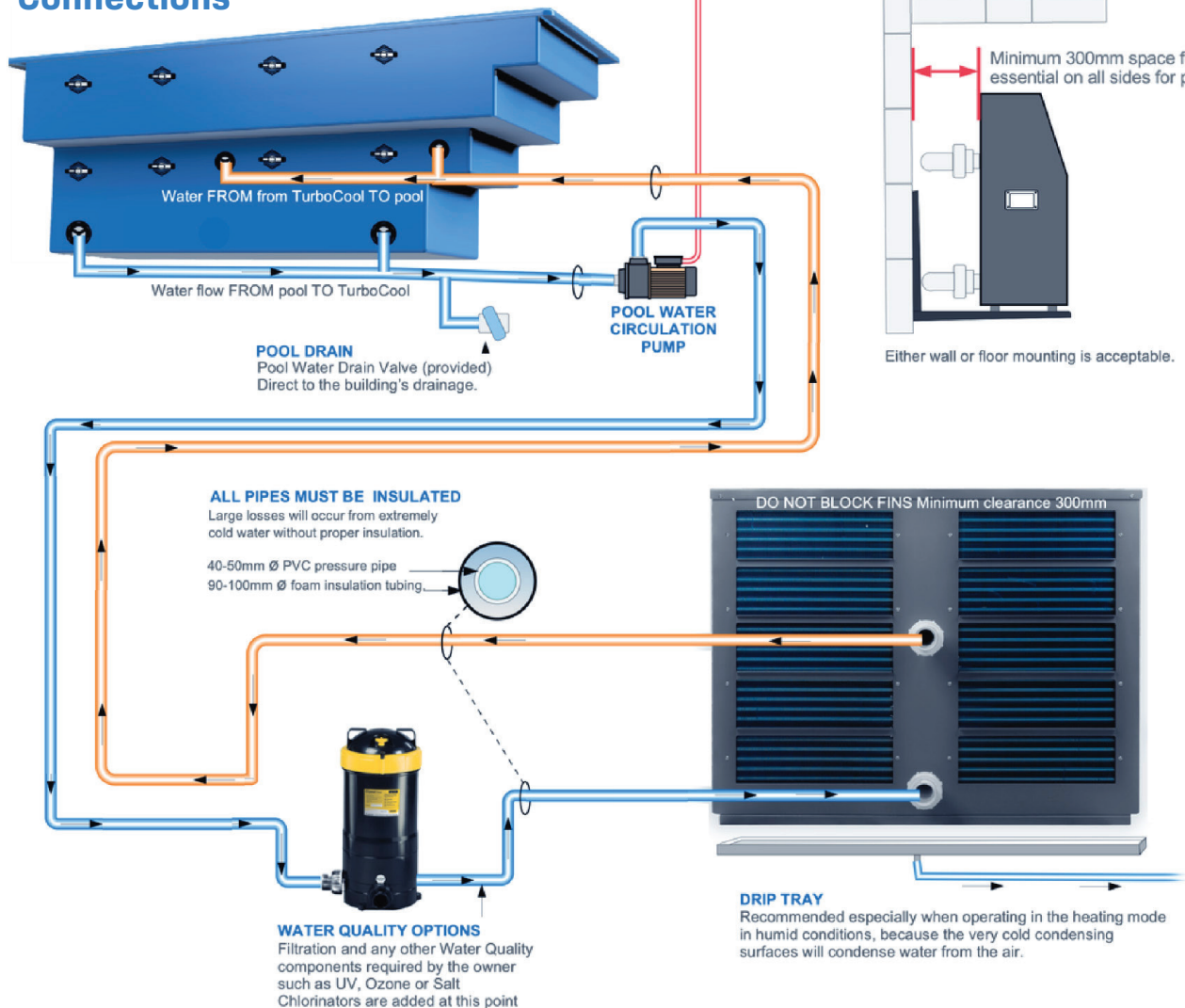




# Electrical & Control Screen Connections ▼



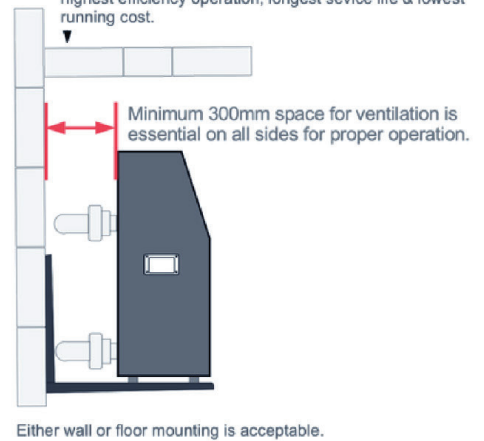
## Typical Plumbing Connections



## Weather Protection & Ventilation

### OVERHEAD PROTECTION

Simple overhead protection is highly recommended for highest efficiency operation, longest service life & lowest running cost.





# Connecting the Touch Screen Controller to a TurboCool >

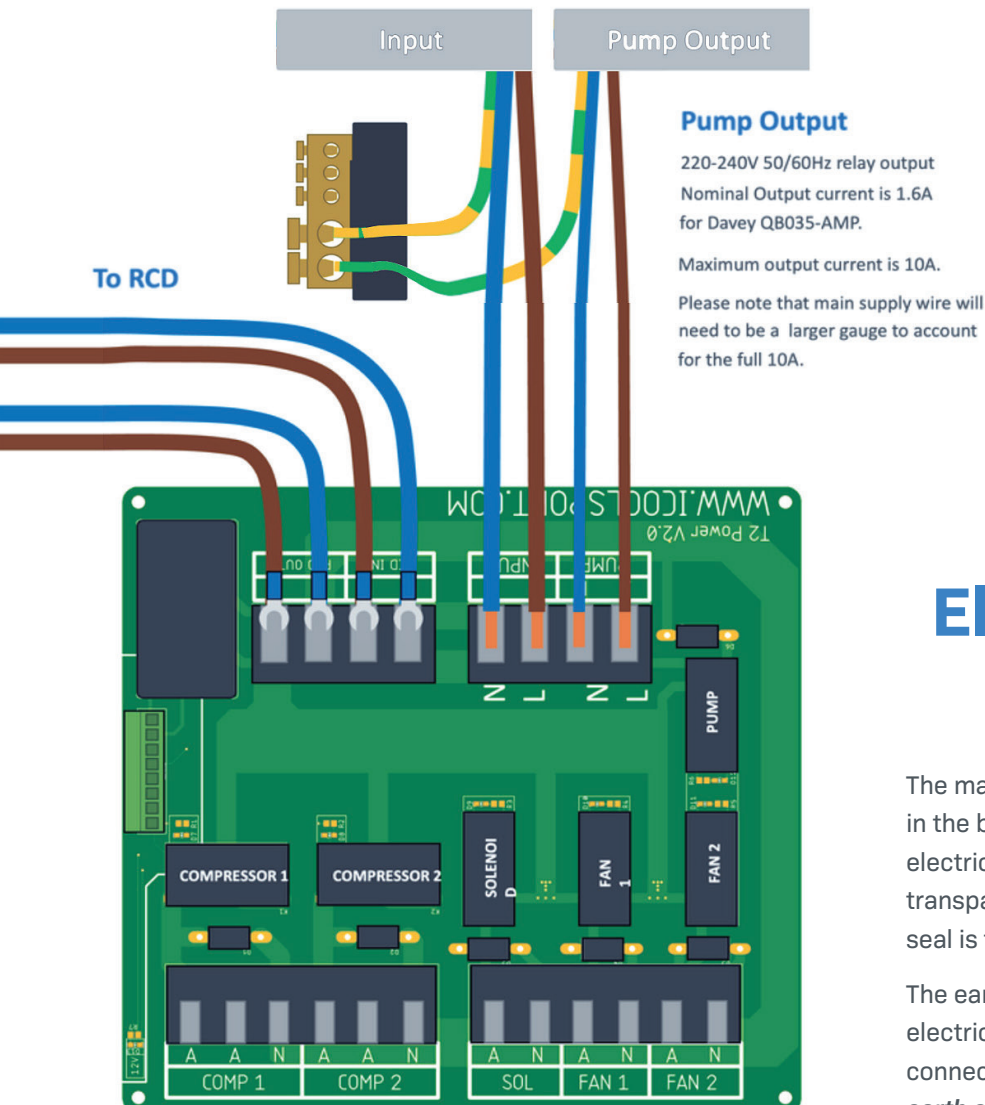
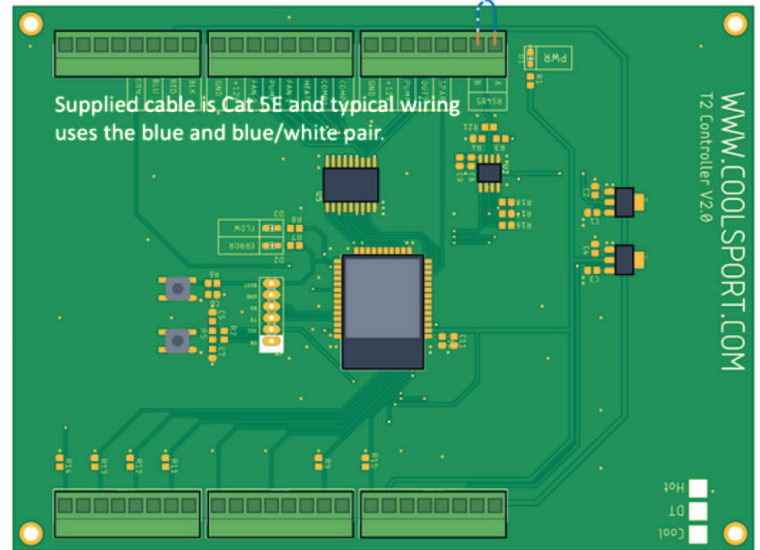
The control board (left) is located in the top position inside the weatherproof electrical box, accessed after removing the semi-transparent cover.

The connection to the touch screen (right) is located inside the screen's cable connection plug box, which is included inside the screen's packing carton.

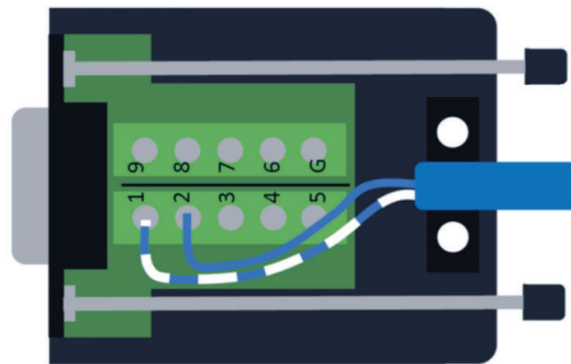
## RS485 Data Cable Wiring

Must use a twisted pair cable. Cable is terminated at the screen with a DB9 Connector.

A: Blue  
B: Blue/White



Connector Shown is included in screen box.



# Connecting the Electric Wiring to < a TurboCool

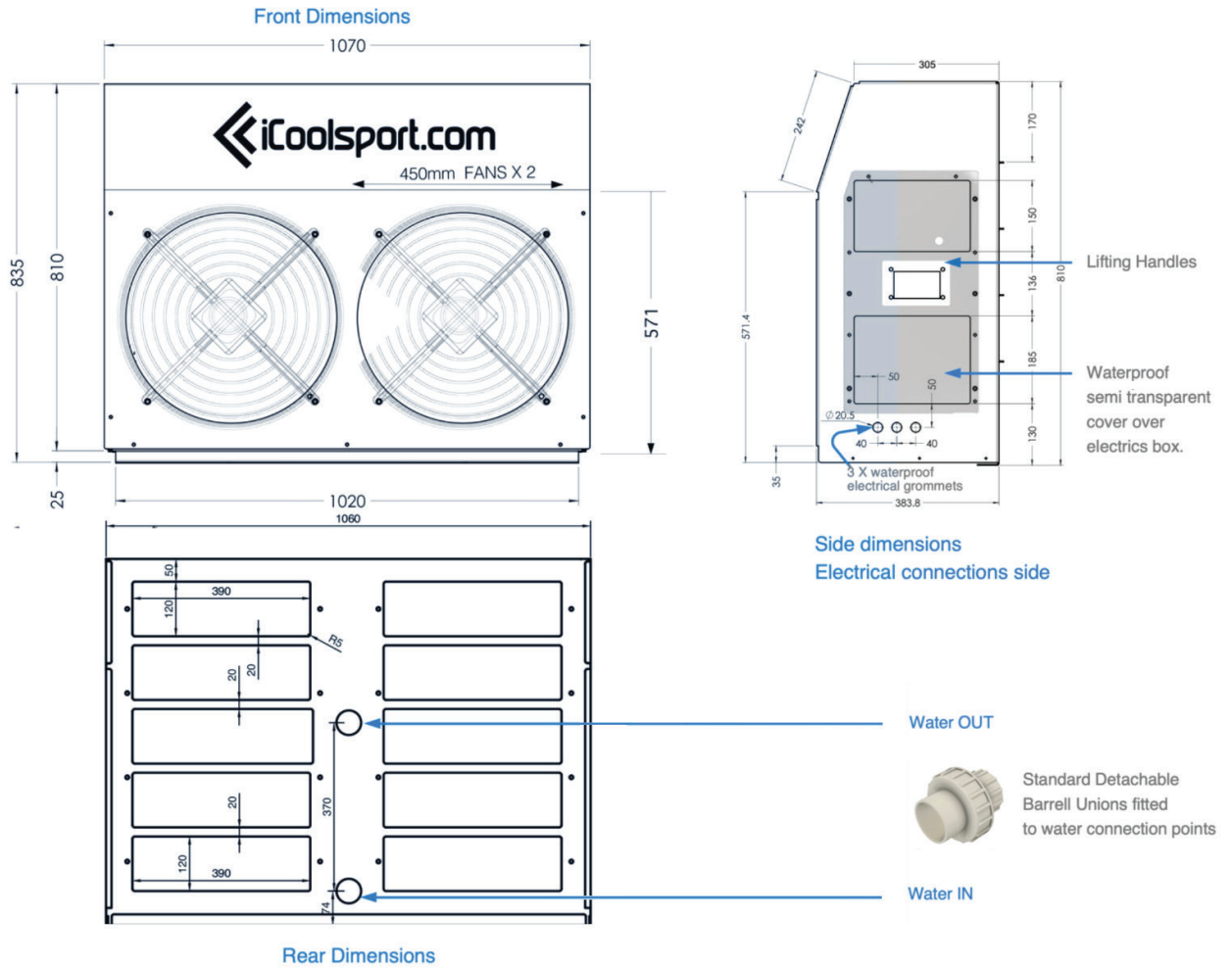
The main power distribution board (left) is located in the bottom position inside the weatherproof electrical box, accessed after removing the semi-transparent cover. Please make sure the weather seal is fitted when replacing the cover.

The earth bonding bar is located inside the electrical box on the right hand side. A reliable earth connection is essential for safety. **Please test the earth connection for proper function.**

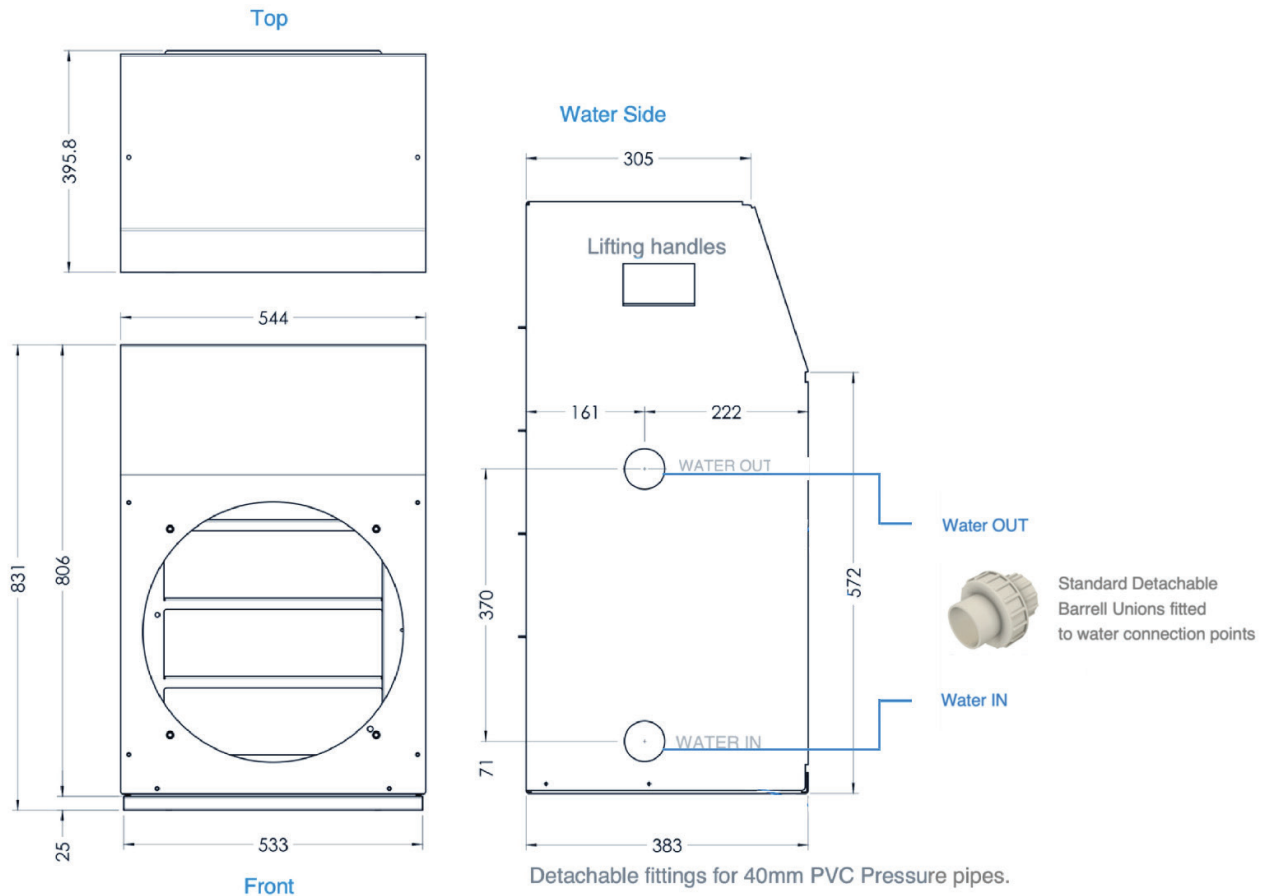
**Note:** All values based on AS3008 and unit operating with a DAVEY QB035-AMP



# TurboCool Typhoon Dimensions



# TurboCool MINI Dimensions







# iCoolsport.com

◆ Celebrating ◆

# 20

◆ YEARS ◆

## In Business

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**+61 7 5591 7646**  
**(Head Office Australia)**

**Address: 125 Olympic Cct, Southport QLD 4215**

**Hours:**

<i>Wednesday</i>	<i>8:30 am–4:30 pm</i>
<i>Thursday</i>	<i>8:30 am–4:30 pm</i>
<i>Friday</i>	<i>Closed</i>
<i>Saturday</i>	<i>Closed</i>
<i>Sunday</i>	<i>Closed</i>
<i>Monday</i>	<i>8:30 am–4:30 pm</i>
<i>Tuesday</i>	<i>8:30 am–4:30 pm</i>