

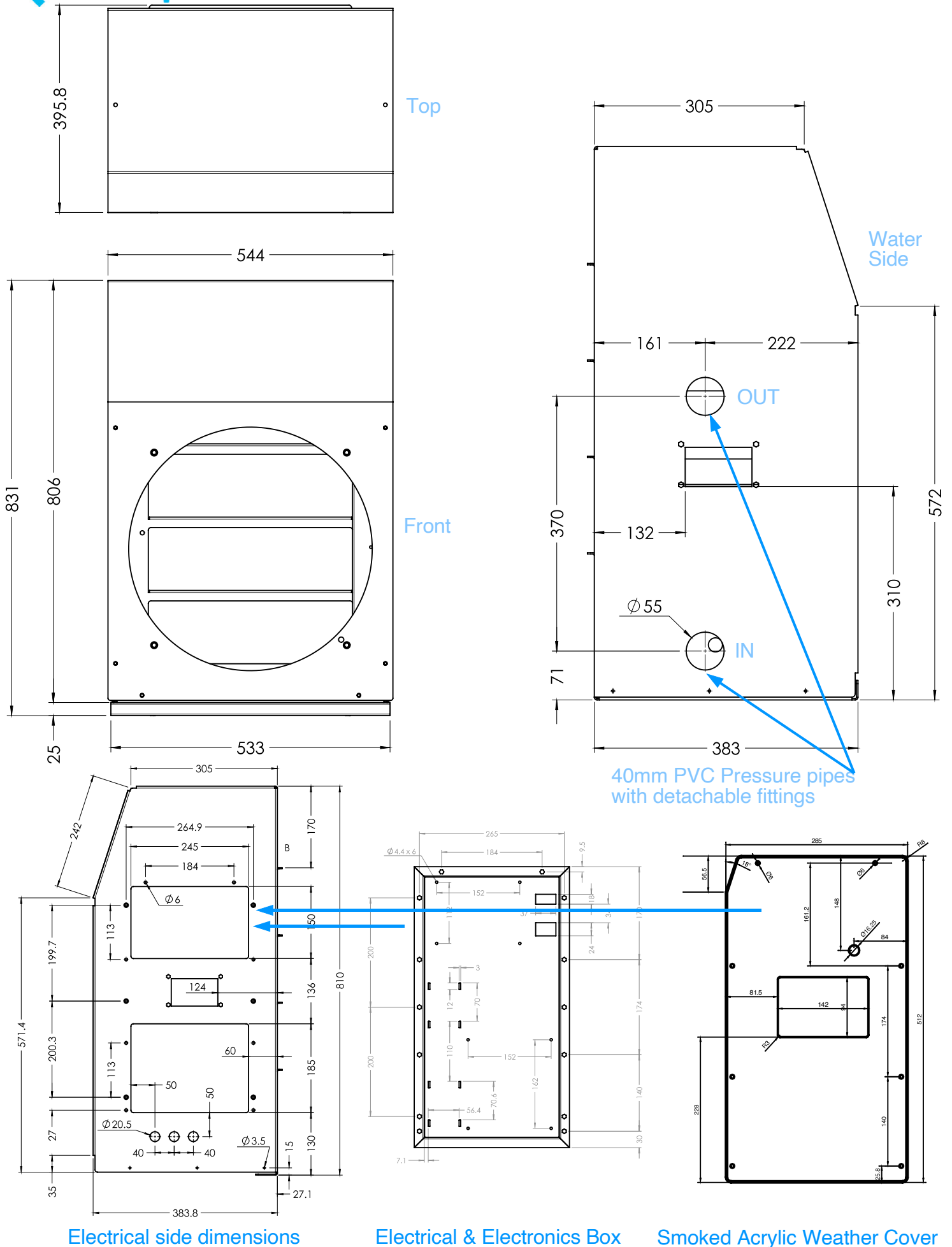
**PRODUCT DESCRIPTION:** The TurboCool MINI is an all new addition to our highly successful TurboCool Range of fully automatic high powered ice bath chillers and heaters developed and manufactured by the iCool company over more than a decade. Hundreds of the TurboCool series are installed in large stadiums and clubs worldwide.

The TurboCools CHILL is based on the same award winning technology that has made iCoolSport the number one supplier of ice bath equipment in the world for the last 20 years.

The CHILL version provides rapid industrial grade cooling for smaller pools up to a maximum of 2000 litres at a lower initial cost. This all new design provides excellent cooling power in a smaller size while maintaining all of the operational simplicity and technological benefits of the larger TurboCools. As with the larger TurboCools all operations are controlled from the large attractive remote mountable high resolution touch screen.

MAIN DIMENSIONS:	L544mm X W386mm X H831mm
MATERIALS:	Laser cut CNC formed aluminium with high UV resistant coatings High pressure PVC plumbing with elastomeric anti shock boots.
WEIGHT:	60Kg (132lbs)
VOLTAGE:	220-240volts single phase. (110v versions also available)
MAXIMUM CURRENT:	10 Amps
TYPICAL CURRENT:	5-9 Amps controlled by the operating system for maximum efficiency.
REFRIGERANT:	HyChill 40 or HyChill 50 or R290. 380grams.
CONDENSER FANS:	450mm Very Low Noise, low frequency sound, typically 58dB @ 5mtrs.
COMPRESSORS:	Mitsubishi 2V36S225BUA -10kW each @12°C = 20kW Total Cooling.
VENTILATION:	At full power up to 2000cfm of unrestricted airflow must be allowed for if mounted indoors. Outdoor mounting easily meets this requirement.
MAXIMUM COP:	4.5
EVAPORATORS:	Copper Tube, aluminium fins & frames all with anti corrosion coatings.
CONDENSERS:	Chemical resistant Titanium tubes in high pressure PVC Tank.
FUNCTION CONTROL:	Large 15inch full colour touch screen remotely mounted up to 50m from TurboCool. Both data and screen power over a single ethernet cable.
OPERATING SYSTEM:	Proprietary OS developed by iCool especially for automatic ice baths.
RUNNING COST:	\$2.50 per 24 hours. (50% duty cycle, 25cents per kW Hour)
POOL CAPACITY:	Recommended for chilling (or heating) pools up to 2000 litres or 6 users.
VERSIONS:	Chill Only: Heat Only: Chill & Heat (automatic reverse cycle)





- 1: All Electrical and Electronic systems are contained within a water resistant box mounted internally & accessed on the side.
- 2: The box is weather sealed by a removeable thick semi clear acrylic cover that allows visual confirmation of some functions.
- 3: A backup RCD is also contained within the box for additional safety.
- 4: Power and data is provided through 3 weather proof grommets below the box.