



# TechCold's

## PRO-ACT "XP" ICE RINK CONTROLLER

For Single or Multi-Pad Arenas

**The Pro-Act "XP" Rink Controller is your all-in-one solution for single and multi-pad arenas**

**Includes TechCold's "TechArena" front-end computer graphics software!**

- Controls up to 4 refrigeration systems with 4 ice sheets each
- Controls up to 8 compressors per system
- Controls up to 2 brine pumps per rink
- Controls ice temperature based on infra-red, slab or return brine temperatures
- Controls up to 8 stages of condenser per system with energy saving floating head pressure control (optional)
- Monitors and Alarms on:
  - Infra-red / slab temperature
  - Brine inlet and outlet temperatures
  - Compressor status
  - Brine pump status
  - Brine flow status
  - Condenser fans/pumps status (optional)
  - Discharge pressure (optional)
- Monitors: (optional)
  - Ambient temperature
  - Ambient humidity
  - Suction pressure
- Compressors lock out on freeze protection or loss of brine flow
- Auto change-over feature changes to brine control if the infra-red camera fails
- Intelligent pump cycling saves energy by only operating brine pump when required. Auto-cycle reduces warm spots while in energy-saving mode
- 4 event x7 day scheduler with TechCold's "Auto Anticipate" ensures is at set-point when the game starts
- Pro-Act's exclusive artificial intelligence provides precise ice temperature readings within 0.1 °F and control within 0.5 °F as temperature fluctuations from players and equipment are ignored with special software
- Standard PLC control of devices such as under floor heat and dehumidifiers



*Arena Control Made Easy!*