



How is the ice?

Excellent

Well done!

Needs improvement

Check this:

Is anyone trickle filling?

Yes

Stop trickle filling! Open the valve completely.

No

Is anyone bypassing the system?

Yes

Stop bypassing!

No

Is the static water pressure less than 45 PSI?

Yes

Pressure must be increased.

No

Is the resurfacing done in less than 8 minutes?

Yes

That's too fast! Take your time and drive at a consistent pace.

No

Is the blade dull?

Yes

Change the blade.

No

Does the ice look wavy?

Yes

Check pressure and flow. Shave ice with each flood.

No

Does the temperature in the arena drop below freezing?

Yes

Temper the floodwater (68-80°F or 18-25°C) otherwise your water will freeze too quickly.

No

The ice looks milky/obscure, not transparent?

Yes

Clean out the floodwater tank. There might be limescale build up. Dry shaving will also improve the appearance.

No

Are there streaks on the ice?

Yes

Make sure the spreader towel is clean. Use washwater if available.

Dry shave a small strip of ice and take a look at the snow

How is snow quality?

Snow is too dry

How much has the brine temperature been reset?

Less than 3°F (1-1.5°C) warmer

The ice is too cold. Gradually raise the brine temperature 3-5°F (2-3°C).

4-5°F (2-3°C) warmer

Your brine reset seems to be ok. There may be another issue. Call us +1 888.542.9292

Snow is too wet

The ice is too warm. Lower your brine settings by 1/2°F (1/4°C) and watch how your ice reacts.