

Snooker[®]

Installation Guide

MODELS SK-60P/80P/120P/160P/210P/280P

SAMS

INSTALLATION INSTRUCTIONS

2.1 Unpacking

Note: Before unpacking the unit, verify that the machine model is correct and that there is no damage to the outer packaging. If the outer packaging is in good condition, proceed to unpack the unit by following these steps:

Note: this machine is heavy! Use a mechanical hoist or the help of two people to lift if necessary.

1. Carefully remove all external wrappings and other protective coverings, including the white plastic coverings on the panels. Begin with unpacking the ice storage bin. Remove the carton, and using part of the carton as a cushion, tip the bin on its back to remove the skid and attach the legs or casters.
2. Return the bin to an upright position. Check the bin top gasket for gaps or tears, and fill any in with food grade sealant prior to placing the ice machine on the bin.
3. Review the installation section of the manual completely prior to installing.
4. Verify that all accessories are included.
5. Properly discard crating materials and recycle if possible.

2.2 Environmental Requirements

The following installation site requirements must be complied with or the system may not operate correctly or damage may occur.

- Environment temperature must be less than 43°C [109°F] and greater than 3°C [38°F].

WARNING: The machine is for indoor use only. Running the machine below freezing point is prohibited. Machine failure caused by exposure to freezing temperatures is not covered by the warranty.

- Proper spacing around the unit must be provided. Ice machines, like other refrigeration equipment, emit heat through a condenser and any obstruction of the airflow could affect the machine's performance and life. Please refer to the table below for spacing guidelines:

Machine	Spacing
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Sides	15.0 cm [5.90 in]
Back	20.0 cm [7.87 in]
Front	30.0 cm [11.81 in]

- Installation site must be leveled. Adjustable feet at the bottom of the machine are provided to level the unit.
- The installation site must be capable of supporting the weight of the ice machine and a full bin of ice.
- The installation site may not be next to heat-generating equipment or in direct sunlight.
- The installation site must be free of airborne and other contaminants that could affect the ice machine's life or ice quality. Installing your ice machine near a source of yeast or similar material can result in the need for more frequent sanitation cleanings due to the tendency of these material to contaminate the machine.

2.3 Water Supply Requirements and installation

The water used for ice making must be in accordance with local drinking water quality standards. External water filtration device may be installed on the supply line as long as required water pressure is maintained.

The following water supply and plumbing requirements must be complied with or the system may not operate correctly or damage may occur:

- **Water Inlet Temperature** must be between 0.6°C [33°F] and 32°C [89.6°F].

WARNING: The ice machine must not be connected to hot water supply. Please review and comply with water temperature requirements above.

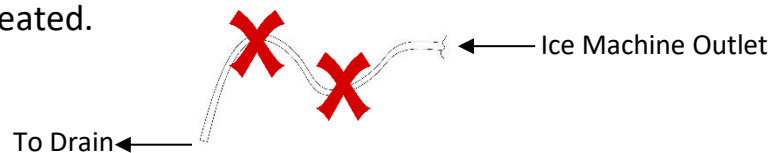
- **Ice Making Water Pressure** must be between 0.13 Mpa [19 psi] and 0.55 Mpa [80 psi]. If water pressure exceeds the maximum recommended pressure, a water pressure regulator will be required.
- **Cooling Water Pressure** must be between 0.59 Mpa [85.6 psi] and 1.17 Mpa [169.7 psi].

- **Inlet Pipe Diameter** must be larger than 9.5 mm [3/8 inch].
- **Drain Pipe Diameter** must be larger than 15.8mm [5/8 inch] and drop 3 cm per meter [3/8 inches per foot].

DRAIN PIPE INSTALLATION NOTE: To prevent drain water from flowing back into the ice machine and storage bin the following rules must also be complied with:

1.) No point in the drain pipe shall be higher than the drain outlet from the ice machine.

2.) No point in the middle of the drain pipe shall be lower than any point beyond it such that a trap is created.



- It is recommended that drains have a joint or other suitable means to allow disconnection from the ice machine when servicing is required.
- All water supply and drain plumbing must comply with local, state and national codes.
- It is recommended that water supply and drain lines be insulated to prevent condensation.

2.4 Power Supply Requirements

The following electrical supply requirements must be complied with or the system may not operate correctly or damage may occur:

- All wiring must conform to local, state and national codes.
- The voltage, frequency and capacity of power supply provided must be consistent with that marked on the machine nameplate.
- The maximum allowable voltage variation is 10% of the rated voltage on the ice machine model/serial number plate at start-up (when the electrical load is highest).
- The earth terminal of the power supply, socket or plug must be connected to external grounding.

