



**Installation Guide for:**  
**Scotsman Self-Contained Flakers (Electronic)**

## **Unpacking**

- Remove the two banding strips securing equipment to pallet.
- Remove cardboard carton and packaging material.
- Inspect exterior of machine for any potential damage.

Open bin door and remove:

- 1 x water inlet tube
- 1 x drain tube complete with clip
- 1 x leg kit

Remove any 'transit tapes' from ice making area

Check the 'Ice spout' and Ice level control are correctly located.

Check ID on rear of machine for correct voltage, e.g. 230 volt 50 hz for UK use.

Remove protective film from outer panels.

## **Installation**

Check that the following services are within 1 metre of machine location:

- Cold water supply terminated with a  $\frac{3}{4}$  BSP washing machine style stop valve.
- Mains drainage with a connection point lower than the drain outlet of the machine. Connection point must be at least 1  $\frac{1}{4}$ " diameter open and trapped (similar to a domestic washing machine) with any connection made to include a suitable 'back flow' prevention device to 'EN1717'. If drain is too high, a stand or condensate pump must be used.
- 13 amp socket outlet. (Due to potential high starting current, a socket adaptor with other appliances should not be used.)

### **Note:**

*If an external condensate pump is to be used, then 2 x 13 amp socket outlets are required.*

**Check the following:**

- Ambient temperature - minimum 10°C, maximum 40°C
- Adequate space at rear of machine for water and drain connections.
- Minimum airflow clearance requirement of 15cm to both sides of machine.

**Note:**

*If clearance is less, ice production rate will decrease by as much as 25% due to potential overheating.*

- Adjustable leg kits fit to AF80 to AF/EF206 Models.
- Level equipment in both directions: left to right and front to rear.
- Fit 13 amp plug top (fitted with a 13A fuse) to equipment cable.
- Fit water inlet hose to machine. Do not overtighten.
- Fit flexible drain hose to drain fitting of machine and secure using clip provided.

**Note:**

*Both hoses are fitted with one straight end and one angled end. Use which ever is the most suitable for that installation.*

- Connect water inlet hose to water supply. Do not overtighten.
- Connect drain hose to main waste drain provided by inserting hose into upstand (similar to domestic washing machine).

**Note:**

*To prevent drainage problems caused by loops in the hose, reduce hose length as far as reasonably practicable.*

## Start Up Procedure for 'AF/EF Models

- Turn on water and power supply (Green pushbutton on front panel).
- At this point, a **GREEN LED** will show and a **RED LED flash**, water should then enter the machine and begin to fill the water tank.
- When the water tank is full, the float valve will stop incoming water with any excess or overflow water possibly running out of the drain (or being pumped out on the EF versions)
- The machine should start an ice making cycle (this after approx 3 minutes) with the compressor then in operation.
- After approximately 2-3 minutes, ice should become visible & fall from the chute/spout area and into the storage bin. The machine will then continue to fill to the 'bin level sensor' level
- Any adjustments to settings for ice consistency should be discussed with the engineer installing the equipment or Hubbard Ice Technical Department in the first instance.

NOTE - The above procedures are designed to supplement guidance given in the user handbook, not replace it.

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