

OPERATION OF MACHINE

NOTE! Compressor does not start for approx. 1 min. On initial start-up

On initial start-up the machine will run through a harvest cycle (approx. 1 min.) during which time the heat exchanger and water trough will fill. Excess water will flow down the drain. At the end of this cycle the timer will stop.

The compressor and water pump will start and the freezing cycle commences.

When the evaporator thermostat (ice size adjustment) senses that the evaporator has reached the correct temperature the timer will restart and run for 5 mins. At the end of the freezing cycle **the compressor and pump will stop** and the water solenoid will open. The warm water in the heat exchanger will flow over the evaporator and harvest the ice. The cooled water (approx. 8° Celsius) will refill the water trough.

These machines do use hot gas for the harvest cycle

CLEANING

CONDENSER CLEANING

A dirty condenser causes loss of production and could damage the unit, therefore it should be cleaned at least every three months (more frequently in dusty environments)

Disconnect the power and remove the bottom front panel to access the condenser.

Using a stiff brush clean the face of the condenser, then use a vacuum cleaner to draw dust out of the condenser.

Replace front panel after

CAUTION: Condenser fins have sharp edges and can cause lacerations

INTERNAL CLEANING

After cleaning the condenser remove ice from storage bin.

Remove the top panel, then remove the water curtain assembly by lifting it straight up. This provides easy access to the water trough. Remove the spray jets and clean with a toothbrush or similar. When replacing spray jets ensure the slot is aligned front to back. Using a clean cloth wipe the trough and storage bin to remove dirt.

Use an approved sanitiser or a mixture of vinegar or citric acid and water.

Refit the water curtain assembly and top panel