



Technical Datasheet

Peasouper Dry Ice Machine

The Peasouper machine gives a dense directional 'low' fog cloud for use inside or outside.

How to set up and use a Peasouper dry ice machine

1. Set the machine on a reasonably flat surface.
2. Fill the unit with water; do not overfill it. When the basket is in the upper position the water should be 1cm below the base of the basket.
3. Plug in the mains lead to your power supply and turn the unit on; it will begin to heat the water. It will take around twenty to twenty five minutes to heat to around 60°C and the water is steaming.
4. When 60°C is reached the machine is ready for use.
5. Load the basket (fig.4) with dry ice to around 25mm from the basket rim.
6. Secure the lid with the four top locking nuts (fig.3)
7. When the fog is required, slowly lower the basket to the first or second stop on the ratchet (fig.2). For maximum effect, lower the basket to the third stop on the ratchet so the basket is fully immersed.
8. Raising the handle to the top will immediately stop the effect.
9. When the basket is empty, it can be refilled for use, as long as the water level is maintained and the temperature brought back to 60°C.
10. When the effect is complete, once the water has cooled, empty the unit into a suitable drain point. Never empty or move with boiling water inside.
11. Allow the unit to dry completely before storage.

Hints and tips

- **Don't allow the unit to boil dry**
- Don't move or empty the machine whilst it contains boiling water.
- Fill the dry ice basket at the last moment before use; if it is filled whilst the machine is still heating the humid atmosphere will cause the dry ice to slowly evaporate before the effect is ready.
- There is an automatic reset button within the external element shroud; if the unit boils dry press the button to reset once the unit has cooled.
- Caution should be exercised when using dry ice, as it can result in a 'cold burn'
- Dry ice carries an inherent risk of asphyxiation, be aware if the machine is to be used in a confined area. Ensure good ventilation where possible.
- Typically 30 minutes is required to re-heat the water for its next cycle / smoke effect
- Pellets of dry ice will give a larger, quicker effect. Slices of dry ice will give a longer, slower effect.



Fig.1 Peasouper fog machine



Fig.2 Handle and lowering ratchet



Fig.3 Top locking nuts



Fig.4 Ice basket

Specifications:

Size: 39 x 15 x 20cm

Shipping size:

39 x 15 x 20cm

Equipment weight: 7kg

Shipping weight: 12kg

Voltage: 220-240V

Power connector:

13amp IEC

Peak amps drawn:

10amps

Decibels: N/A

Water supply: N/A

Air connector: N/A

HV colour: N/A

Additional requirements:

Dry ice

Suggested for set up:

1 person

Duration of effect:

Can be used

continuously until the

dry ice supply is

consumed. 1 basket of

dry ice lasts approx.. 4

mins, a basket holds

approx.. 8kgs dry ice.