

# AMBIENT BEER COOLER



**“ Uses outdoor ambient air to help cool your cellar and save you money ”**

It is estimated that up to a quarter of a pub's energy bill can be accounted for by its cellar cooling requirements, so publicans and breweries are often looking for a more cost effective way to cool their cellars. The J & E Hall ambient beer cooler provides the answer.

## Benefits:

- ▶ Up to 40% annual savings over 12 months
- ▶ Energy efficient
- ▶ Easy to install
- ▶ Fits with any make and model of cellar cooler

## What does it do?

Most beer cellars are kept at 10°C and the UK temperature between October and April often falls below that figure. When the outdoor temperature falls to 8°C or below, the J & E Hall ambient beer cooler uses the cold outdoor air to cool your cellar at a fraction of the cost.

## How does it work?

The ambient beer cooler is a fan module that, when the outside temperature is low enough, brings cold air into the cellar to reduce the temperature. Typical annual savings can be up to 40%.



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International

AMBIENT  
TEMPERATURE

CELLAR  
TEMPERATURE

MAIN  
COOLING

AMBIENT  
COOLING

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## Running Time



The unit is fitted to an internal cellar wall and connected to the outside via a rigid 150mm circular duct. It is then electrically connected to a mains supply and the refrigeration cellar cooler system.

The J & E Hall ambient beer cooler will sense if the outdoor ambient temperature is low enough to provide cooling to the cellar and will switch off the refrigeration cellar cooler system while it can draw in cold air from the outside. If the outdoor temperature rises above 8°C the ambient beer cooler will turn itself off and revert back to the refrigeration cellar cooler system.

## Easy to install

The J & E Hall ambient beer cooler is easy to mount via simple "keyhole" fixings and is compatible with any make of new and existing refrigeration cellar cooling system.

## It is supplied with:

- ▶ Fresh air entry duct (rear or base entry)
- ▶ Ambient air temperature sensor
- ▶ Cellar temperature sensor
- ▶ Washable air filter
- ▶ 2m mains lead
- ▶ Instruction manual

## An installation kit is also available which includes the following items:

- ▶ Outside wall grille
- ▶ 2 internal door relief grilles
- ▶ 1x 500mm length of 150mm plastic ducting

Standard mounting of the unit is for an outside facing wall. If this is not available, the unit can be fitted with externally mounted ducting (requires position change of the air inlet from rear to base). It is recommended to limit any pressure increase on the fan as outlined in the technical manual.

This would nominally allow a run of ducting approximately 10m long including a maximum of 4x 90° bends. Further information can be found in the Technical Manual.

Unit weight:

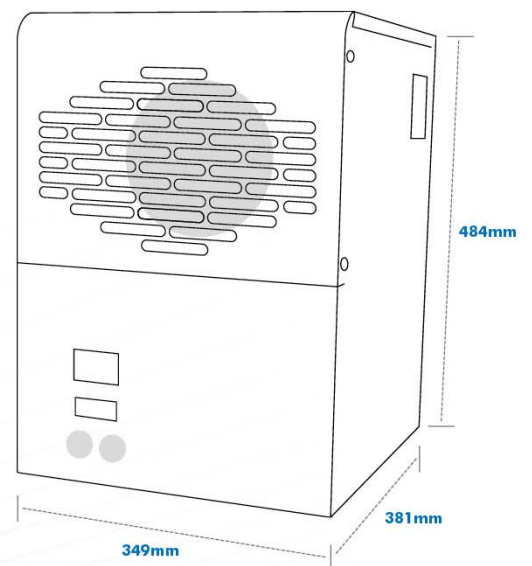
**12kgs**

Supply voltage:

**230/1/50**

Suggested Fuse Rating:

**6A**



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