

Ambient Beer Cooler

QUESTION & ANSWER SHEET

How is the unit controlled?	The unit is fitted with two temperature controllers – one that senses outside (ambient) air temperature and one which monitors the cellar temperature.
At what temperature does the unit come on?	The fan in the unit comes on when the cellar temperature reaches 11°C (as long as the outside temperature is 8°C or below).
At what temperature does the unit go off?	The fan in the unit stops when the cellar temperature reaches 10°C.
At what temperature does the cellar cooler come back on?	The cellar cooler starts up if the cellar temperature reaches 13°C.
Does this mean that the cellar cooler never runs during the winter?	No – it depends on what the temperature is within the cellar. If it reaches 13°C then the cellar cooler will run.
In what instances if any do both units run together?	When the outside temperature is 8°C or below and the cellar temperature is 13°C or above.
Can the set point be adjusted?	No – the controls are pre-set and it is not recommended to alter settings.
How many months of the year do you expect the unit to run?	We would expect the unit to run mainly between October and March.
Can I use the unit with other cellar cooler manufacturers?	Yes – the unit can be used with any cellar cooler.
Can the unit be installed below ground?	Yes – it just means extending the air inlet duct to a point where it can bring in outside air.
Where do you position the unit in the cellar?	Ideally at 90° to the existing cellar cooler so the air from the unit blows across the airflow from the cellar cooler and mixes thoroughly within the room. It should not be installed directly facing the existing cellar cooler.



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What is the wiring configuration?	The unit requires a 6A single phase mains supply and a 2-core interconnecting cable between the unit and the existing cellar cooler.
How many speed settings are on the fan?	There are four fan speed settings. The unit comes pre-set to the maximum speed.
Can I use this unit for any other applications?	Yes – subject to there being a similar temperature requirement of 10-12°C within the cooled space.
Does the unit come fitted with an isolator?	No – an isolator needs to be provided by the installer.
What is the maximum length of ducting allowed?	Refer to the Technical Manual for further advice on this.
What is the maximum number of bends allowed in the ducting?	Refer to the Technical Manual for further advice on this.
What is the maximum room size the unit can be used for?	The maximum room size will be approximately 100m ³ based on minimum allowable air change for a standard thru-wall installation.
How much energy will I save?	We would expect customers to see a monetary saving in the region of £1,267 per year. However it is dependent on external air temperature and the heat load in the cellar.