

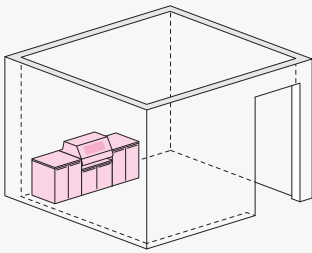
Pre-Install Check to Determine Suitability of an Outdoor Space

IMPORTANT: Not all outdoor spaces are the same so, please read and apply judgement based on careful individual assessment of the client's outdoor space.

Safety Matters – How can we tell if an outdoor space is suitable?

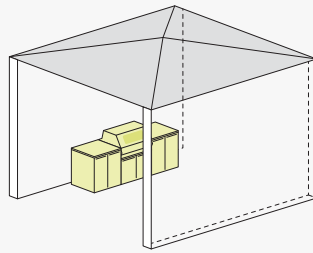
Claytons Alfresco BBQs being designed for use outdoors under cover only. So, it is necessary to evaluate each client's requested BBQ location for suitability prior to installation. Please use the diagrammatical representations here first to determine the suitability of their outdoor space for the safe use of the Claytons Alfresco BBQ product.

Open Outdoor Areas



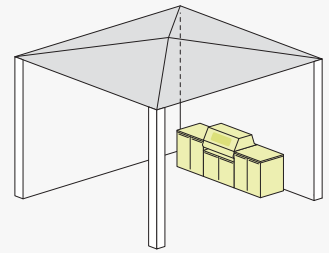
UNSUITABLE

Whilst this type of open area is considered suitable for most BBQ applications it has no overhead cover. Therefore, it is NOT suitable for Claytons Alfresco BBQs that may or may not include electrical appliances such as beverage coolers.



SUITABLE

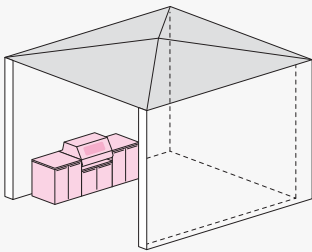
This area is under cover and has two open sides that air circulates through so, it is suitable for a Claytons Alfresco BBQ installation.



SUITABLE

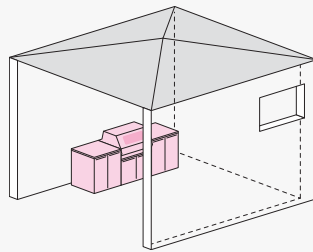
This area is under cover and has two open sides that air circulates through so, it is suitable for a Claytons Alfresco BBQ installation.

Enclosed Outdoor Areas



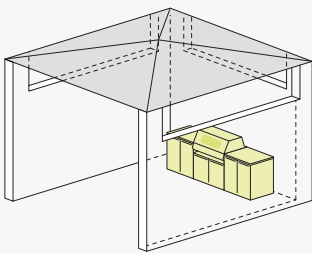
UNSUITABLE

Even though the BBQ pictured is close to the opening of the enclosure it does not allow for sufficient ventilation and is considered an indoor space. Therefore, it is NOT suitable for installation of the Claytons Alfresco BBQ.



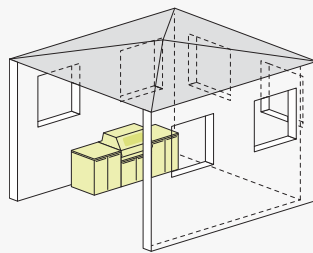
UNSUITABLE

The single wall opening shown in this enclosed area is not large enough to offer sufficient ventilation so, it is considered an indoor space. Therefore, it is NOT suitable for installation of the Claytons Alfresco BBQ.



SUITABLE

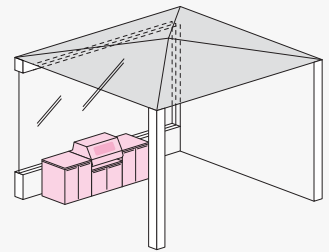
This partially enclosed area has at least 25% of wall area open and at least 30% of remaining wall opening that is unrestricted so, it is suitable for a Claytons Alfresco BBQ installation.



SUITABLE

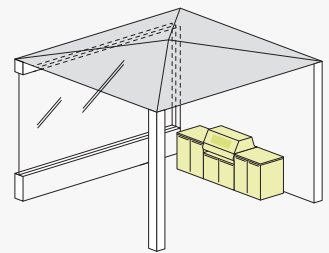
This partially enclosed area has at least 25% of wall area open and at least 30% of remaining wall opening that is unrestricted so, it is suitable for a Claytons Alfresco BBQ installation.

Combustible Materials



UNSUITABLE

Shown is an incorrect BBQ installation against a glass window. When the Claytons Alfresco BBQ is installed the BBQ appliance must be at least 450mm away from combustible materials such as glass, timber and other hazardous items.



SUITABLE

Shown is the correct positioning of the BBQ away from a glass window and any hazardous items.

Pre-Install Check to Determine Suitability of an Outdoor Space

IMPORTANT: Not all outdoor spaces are the same so, please read and apply judgement based on careful individual assessment of the client's outdoor space.

Safety Matters – What is the difference here?

If the client's alfresco area is like one of the below examples, then the area is considered an 'indoor space'. So, consideration must be given to the model of BBQ appliance you choose as limited models are approved for such applications.

At Claytons Alfresco we offer the 6 Burner Beefeater Proline BSH158SA and BSL158SA BBQ models for installation in the below scenarios. These modules are best suited as they have been approved under domestic installation of commercial equipment in AS/NZS 5601:2013.

The key requirement here is to have a suitable interlocked ventilation system also attached, which the Beefeater BRC214SA Cooker Hood combined with an appropriate gas solenoid isolation valve can provide. In particular, there are controls in the hood, that when properly installed by the gasfitter on the gas line, can activate the solenoid isolation valve on and off. Should the range hood fail or not be in operation, the gas will not flow to the BBQ because these models have flame failure detection inbuilt for safety. These BBQs must be relit to initiate gas flow.



BEEFEATER BRC214SA
Cooker Hood

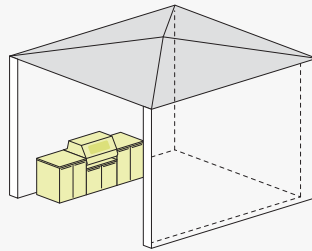


BEEFEATER Signature Proline™
Hood / BSH158SA

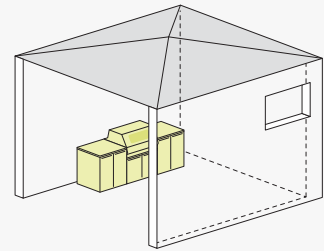


BEEFEATER Signature Proline™
Lid / BSL158SA

Enclosed Outdoor Areas



SUITABLE

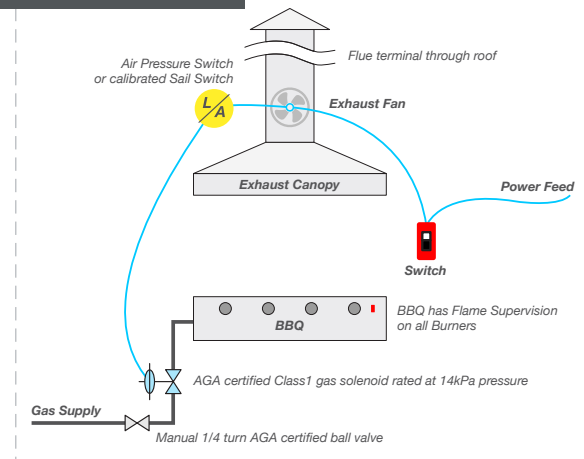


SUITABLE

The minimum natural ventilation allowance for an indoor space must be a 10% opening of the area. If the client's outdoor BBQ is to be used in a quasi-indoor situation then mechanical extraction is mandatory, along with a commercial-grade BBQ. The mechanical extraction system (Rangehood) must be installed and connected via an exhaust canopy interlocked to the gas supply. The system must be designed and installed by appropriately licensed persons.

- The extraction fan requires grease filters and 1200mm clearance above the BBQ
- Extraction air rate to be typically 60L/s and the fan/electrics appropriately heat rated
- Air pressure switch to monitor the exhaust fan air flow. Switch to be interlocked back to a class 1 solenoid valve where the BBQ has flame supervision on all burners, or alternatively a gas proving system and class 1 solenoid valve for BBQs without flame supervision on all burners.
- Manual ¼ turn gas ball valve on gas supply line to BBQ.

BBQ With Flame Supervision



BBQ With No Flame Supervision

