



CAST IRON COLD TABLES



GENERAL

The Baynflax Cambridge Range Cast Iron Cold Table is designed to achieve the intimate conductive cooling of plastic and semi-plastic materials such as caramel etc. Other contact cooling applications such as that required for Table Jelly Mould cooling can be undertaken.

When specifically requested the Tables can be supplied for conditioning applications which require the application of tempered water rather than cold water.

CAPACITY

The capacity of cooling depends upon the application, the product to be cooled, the available cooling water temperature and the desirable return water temperature condition. As a result it is impractical to provide an estimate of the available production capacity.

However cast iron is one of the better conductors of heat. For example the heat transfer rate for cast iron is nearly three times higher than that of type 304 stainless steel. In addition the much higher bulk weight of cast iron tables provides a larger "heat sink" capacity.

CONSTRUCTION

The cold surface of the table has a working dimension of 6ft x 3ft (1828mm x 914mm). The table is manufactured from cast iron and has labyrinth waterways cast into the core. These waterways are accessible through removable mild steel cover plates which run along each of the 6ft lengths.

The table is supported on a fabricated stainless steel structure which form the legs of the unit and provide a nominal operating height of 36" (900mm) although alternative working heights can be provided.

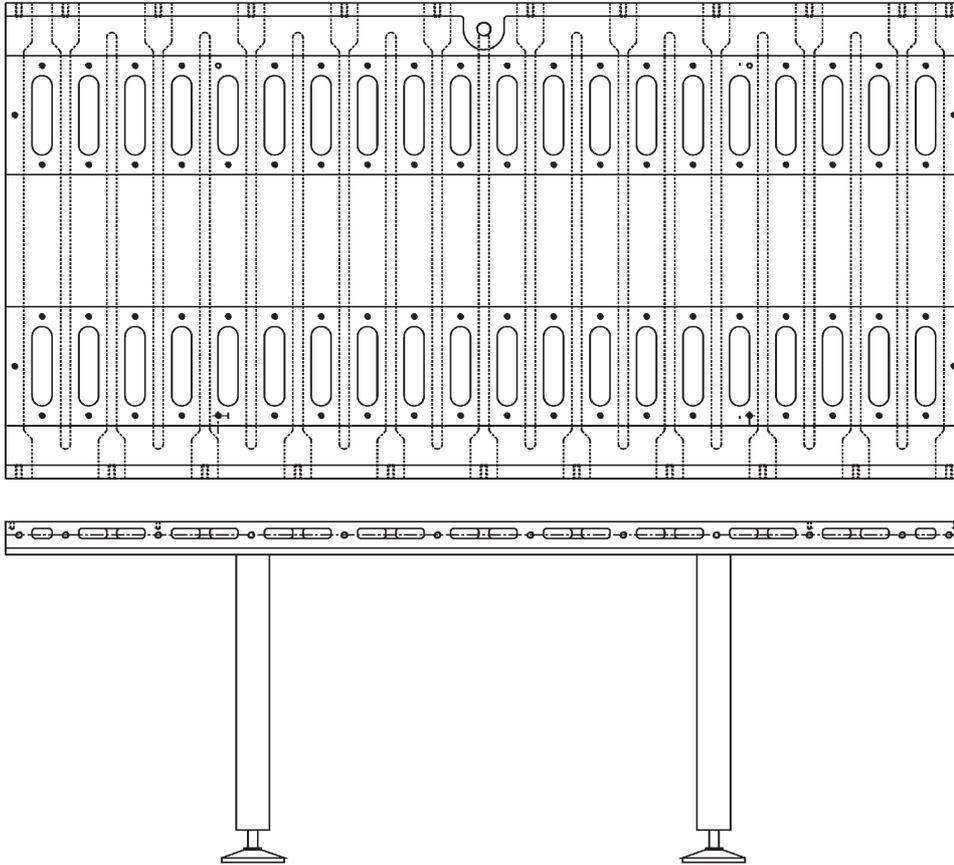
A single water inlet 1" diameter is provided located centrally along the length of the table. Two 3/4" diameter water outlets are provided, one at either end of the table. The water connections are positioned on the underside of the table.

OPTIONS

When required removable steel boundary bars can be provided designed to retain the molten toffee with the working area of the Table.



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The cooling surface of the Table is fine machined in order to produce a high quality finish. The stainless steel rolled hollow section support legs are height adjustable in order to accommodate any unevenness or slope in the floor level and to provide a perfectly horizontal surface.

The removable side plates provide access to the internal waterways in order that any build up of lime scale or undissolved solids in the cooling water supply can be easily purged as a routine maintenance matter without the Table being disconnected from the cooling water supply and return system.

SHIPPING

The Net Weight of one Cast Iron Cold Table, complete with stainless steel support stand is approximately 1,424lbs (646kgs).

Packing suitable for ocean shipment is most economically achieved in multiples of one Cold Table. Approximate shipping specifications are as follows:

No. of Tables	Net Weight lbs/kgs	Gross Weight lbs/kgs	Case Size inches/cm
1	1,424/646	1,644/746	77x43x14/196x110x34
2	3,068/1,392	3,288/1,492	77x43x23/196x110x58
3	4,712/2,138	4,932/2,238	77x43x32/196x110x82