

C-1-26-P OMELETTE LINE OUTPUTS 2HTRI001

DESCRIPTION

The heart of these omelette ovens are the unique slab elements, these are metal-sheathed elements mounted into a steel case. The cases are then partially filled with a high thermal conductive ceramic, which is then covered with ceramic wool insulation, and finally a back plate is welded on. The effect of this is to create a slab of very high thermal mass the radiation from which is radiated primarily in the required direction; in fact about 85% of the radiation is from the face of the slab inside the oven.

Thermocouples are embedded in this case and these are used to control the element temperature, it is possible with this method to control the element temperature to within 3- 5% of the set temperature.

LINE PARAMETERS

The oven has a 72" (1800 mm) wide belt and a 26 ft. (8500 mm) long chamber
The depositor has 16 nozzles.
The de-tinner has 16 grippers.

OUTPUTS

Based on a 6 second cycle time, the outputs for this line would be as follows:

3.5" (89 mm) round omelettes	9,600 per hour
4.0" (101 mm) round omelettes	9,000 per hour
5.0" (127 mm) round omelettes	7,200 per hour
6.0" (152 mm) round omelettes	6,000 per hour
5.5"x 3" Rectangular omelettes	6,000 per hour
Irregular triple omelettes	7,200 per hour

SERVICES REQUIRED

350 amp 3phase 575V supply
100 psi air supply 2-3cfm

PICTURES





DRAWING:

