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## TUMBLE CHILLER

As part of the DCN Cook-Chill system, after cooking filled casings are conveyed into a purpose built rotary tumble chiller which reduces the temperature of cooked food to below 4° Celsius in under an hour (products with a thin viscosity) to 90 minutes (thick viscosity), with cooling times and temperatures fully logged. The bagged product is immersed in chilled water in the drum which rotates, gently tumbling the bags and massaging the product to ensure complete cooling.

### Features

- ⇒ DCN Cook-Chill process
- ⇒ All stainless steel design
- ⇒ Microprocessor control
- ⇒ Large or small batch sizes
- ⇒ Easy to use HMI
- ⇒ Cleaning cycle
- ⇒ Manufactured in the UK

### Sizes Available

- ⇒ 300, 500, 750 and 1000 litre capacities

### Approximate capacities:

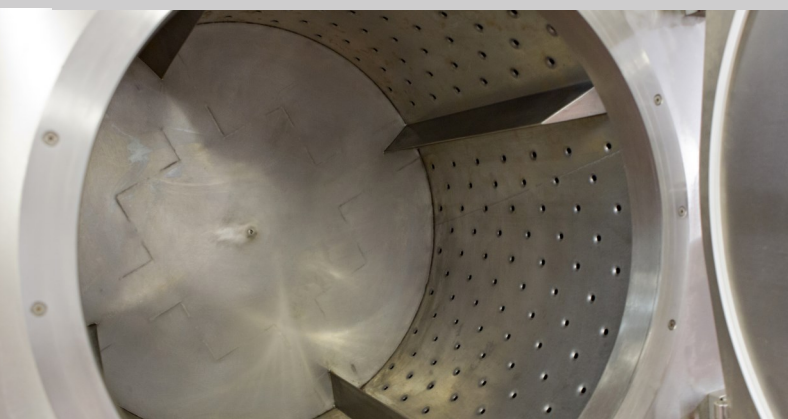
- ⇒ Model TC-30 – 300 litres of product
- ⇒ Model TC-50 – 500 litres of product
- ⇒ Model TC-75 – 750 litres of product
- ⇒ Model TC-100 – 1000 litres of product

### Material of Construction

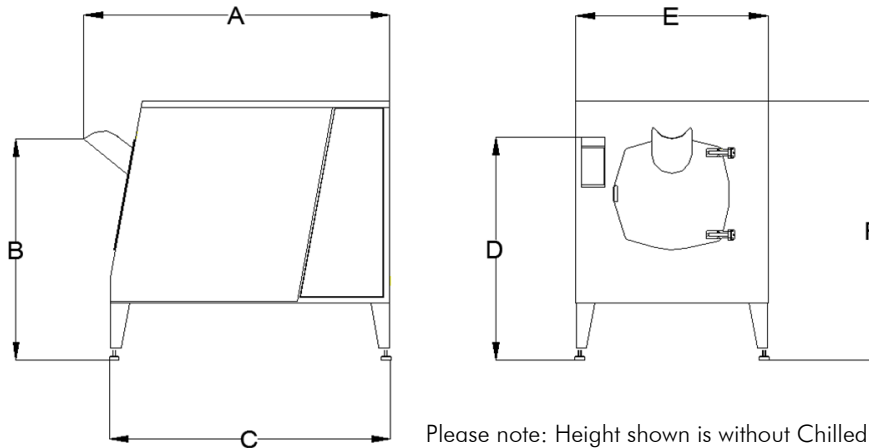
- ⇒ Manufactured in 304 polished stainless steel

### Available Options

- \* Chilled Water Recovery System
- \* Automatic Back Flush System for Heat Exchanger
- \* 'Super Dynamic' Temperation Loop
- \* V-Type Twin Belt Skeleton Conveyor
- \* Virtual Chart Recorder



# TECHNICAL DATA



Please note: Height shown is without Chilled Water Recovery System

Machine	Dim 'A'	Dim 'B'	Dim 'C'	Dim 'D'	Dim 'E'	Dim 'F'
TC-30	1941	1705	1725	1814	1405	1919
TC-50	2105	1738	1890	1790	1405	2033
TC-75	2174	1805	1960	1936	1550	2175
TC-100	2470	1857	2255	1872	1550	2175

	Requirement – TC-30	Requirement – TC-50	Requirement – TC-75	Requirement – TC-100	Connection
<b>Water</b>	100 l/min @ 3 Bar	100 l/min @ 3 Bar	100 l/min @ 3 Bar	100 l/min @ 3 Bar	1" BSP
<b>Steam</b> (for cleaning)	100 kg/hr @ 2 Bar	100 kg/hr @ 2 Bar	100 kg/hr @ 4 Bar	100 kg/hr @ 4 Bar	3/4" BSP
<b>Glycol</b>	300 l/min @ -1° C	300 l/min @ -1° C	300 l/min @ 0-1° C	350 l/min @ 0-1° C	1 1/2" BSP
<b>Air</b>	5 Bar	5 Bar	0.1 cu/mtr/hr @ 5 Bar	0.1 cu/mtr/hr @ 5 Bar	1/2" BSP
<b>Voltage</b>	400/3/50 - 10A	400/3/50 - 10A	400/3/50 - 10A	400/3/50 - 10A	20mm

\* If a Pump Fill Station or Conveyor option is selected please request updated service requirements



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