



**Dairy Cooling Solutions**

A Division of Eurotec Limited

# Packo




## Packo Tubular Cooler (PTC)

The perfect solution for hygienic **cooling**  
of **liquids** in the most economical way



A member of the  
Fullwood Packo Group

# Features

- Hygienic and high resistant AISI 304 stainless steel construction
- Made from seamless stainless steel tubes, placed in a stainless steel housing, shaped in a maximum cooling surface pattern
- Cooling section suitable for most common liquids (ice water, tap water, glycol, ...)
- Complies with food contact directive EN 1935/2004/EC 



# Configurations

## • Single Tubular Cooler



## • Multiple Tubular Cooler

Wall mounted



1 x 2 horizontal



2 x 2 horizontal

On floor frame



2 x vertical

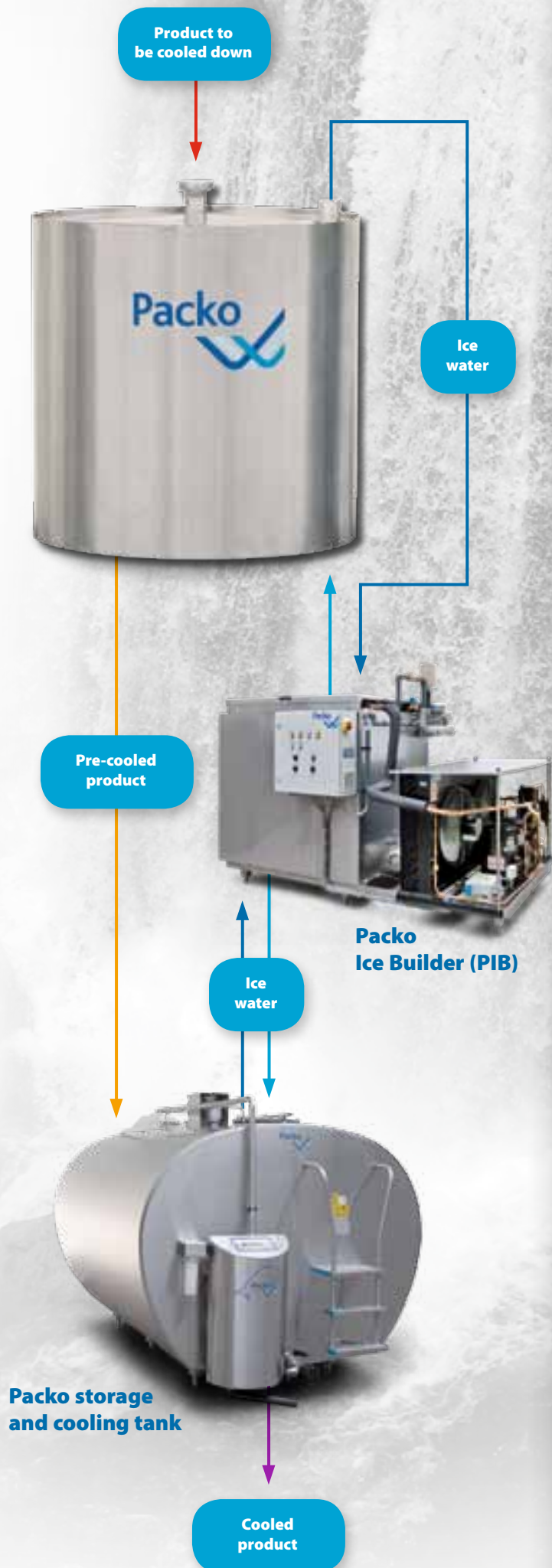


3 x vertical



4 x vertical

1



# Applications

- Food industry: fruit juice, dairy, vegetable and potato products, ...
- Processing of animal proteins: blood collection systems, ...
- Industrial Process cooling
- ...

# Your Benefits

## Quality products

- Fast cooling of the product prevents bacterial growth
- Fully constructed out of stainless steel: no product contamination through contact with seals or other materials
- Reduces total cooling cycle time

## Energy savings

- High heat exchange ratio in reduced installing space
- Closed loop cooling
- If local available, cooling potential of natural resources can be used
- Potential for heat recovery from cooling water

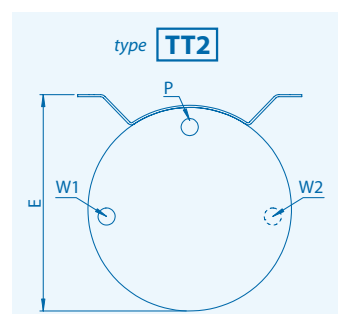
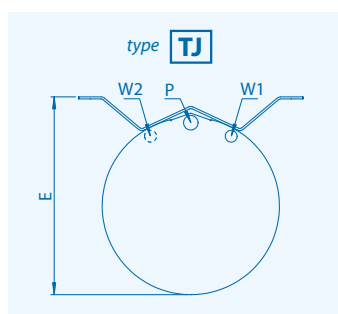
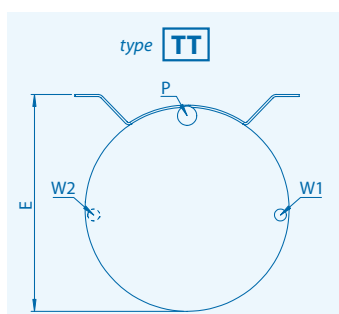
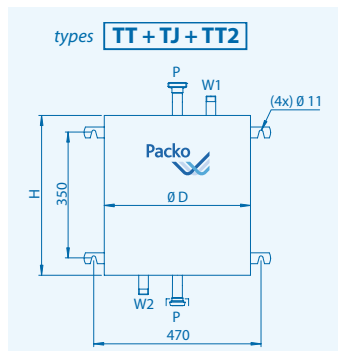
## State-of-the-art design

- Solid industrial design with durable material granting a long-life use
- Maintenance free
- Unlike conventional heat exchangers, no dismantling for cleaning is needed
- Easy to clean, in line with the production equipment
- Easy installation with preassembled racks
- No internal leakage possible through absence of seals

## Economical benefits

- Short payback time through low investment
- No maintenance costs

# Specifications



			Type		
			TT <sup>1</sup>	TJ <sup>1</sup>	TT2
Height	H	mm	470	444	470
Diameter	D	mm	477	411	477
Depth	E	mm	510	445	510
Empty weight		kg	35	35	50
Heat exchanging surface		m <sup>2</sup>	1	1,3	1,9
Cooling liquid volume		liter	3,5	7,5	6,5
Product volume		liter	4	7,5	7,5
Water connection	W	inch	G 3/4" F	G 3/4" F	G 3/4" F
Product connection <sup>2</sup>	P		DN25	DN25	DN32
Internal pipe diameter		mm	18	26	2 x 18
Maximum working pressure		bar	3	3	3

Remarks :

<sup>1</sup> For full controlled flow applications: only TT and TJ models apply.

<sup>2</sup> Possible connections: DIN 11851 - RJT - SMS

Tested by NIZO FOOD



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