

Heat Exchangers

C21



Effective and safe

Our C 21 tube coil heat exchanger operates by counter flow with cooling or heating fluid and is the ideal solution for cooling unprocessed juice or must. The special shape of the labyrinth heads makes it possible to process must from normal pressing output, rich in suspended solids (skins and pips) without using a preliminary filter.

When combined with the C 9 scraped cylinder heat exchanger it solves the problems involved in forced cooling and can be used when product temperatures close to freezing point are required.

Entirely in AISI 304 stainless steel, it is built for a working pressure of 4 bar on the product side and 2 bar on the cooling or heating fluid side.

Minimum heat dispersion is ensured by effective insulation of the whole cylinder, by means of injected expanded polyurethane in a satin-finish stainless steel shell.

Model		1	2	3	4	5	6
Exchange capacity with water at +5° C							
Product from +25° C to +10° C	Kcal/h	45.000	90.000	135.000	180.000	225.000	270.000
Exchange surface	mq	10	20	30	40	50	60
Dimensions							
Length	mt	3,50	3,50	3,50	6,55	6,55	6,55
Width	mt	0,41	0,55	0,66	0,55	0,66	0,66
Height	mt	0,65	0,65	0,85	0,65	0,85	0,85
Net weight	Kg	320	510	730	850	1.100	1.250