

MILK COOLERS For Dispensing Kiosk

Preface:

With ever increasing cost of packaging and transportation of processed milk in Urban and Rural areas, Dispensing Kiosk (DK) is becoming the best viable option. Under DK, kiosks are provided with Milk Coolers having integrated direct expansion cooling units, which operates on single-phase power supply. It's like a large refrigerator having simple and rugged construction. No extra special skill required operating and maintaining them.

Under DK system, chilled processed Milk at about 4 Deg. C. is supplied by Dairy to all Kiosk either by Road Milk Tanker or in 50 Liters Stainless Steel Milk Cans. The Dairy personnel to avoid any adulteration at the Kiosk then seal the DK units. The dispensing valve is unidirectional which will also eliminate possibility of adulteration at Kiosk.

At Kiosk, Processed milk can either be delivered loose in to utensil brought by the buyer or a small manual pouch filling or automatic Form Filling & Sealing (FSS) machine are installed based on quantum to be handled. FSS machine will facilitate delivery of milk in urban area by delivery boys, thereby increasing sales potential.

Refrigeration system of the DK units are adequate to maintain milk temperature to 2-4 Deg. C. for prolonged period (say 2-3 days). The puff insulation around the unit also will help to reduce the heat gain and maintain temp within 2 Deg. Loss for every 24 hours of storage without power.



Large Capacity Milk Coolers

Smaller Milk Coolers

Engineered & Exported by:

ENCON Consulting Engineers

M-28, 7th Floor, Marigold,

Krishnakeval Township,

Kondhwa Khurd,

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MILK COOLERS For Dispensing Kiosk



Series I - 100, 200 & 300 litres



Series II - 400 & 500 litres

TANK

- AISI 304 stainless steel inner vessel and outer casing
- angled bottom ensures complete emptying
- thick insulation made of environmentally safe polyurethane foam (no CFCs)
- internal ball seal for emptying
- DN 50 threaded outlet with plastic cap

REFRIGERATING PLANT

- no freezing of milk, even at low filling
- direct expansion
- R22 coolant for all units
- compact shape makes installation easy
- Electrical supply: single-phase 220 Volt 50 Hz
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ELECTRIC PLANT

- * ENCON milk controller has following functions
 - + milk temperature control
 - + milk temperature digital display
 - + agitation program
- * Power cable with standard (male) plug

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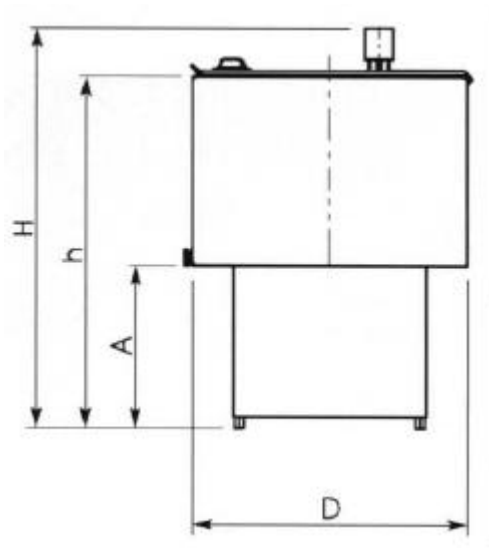
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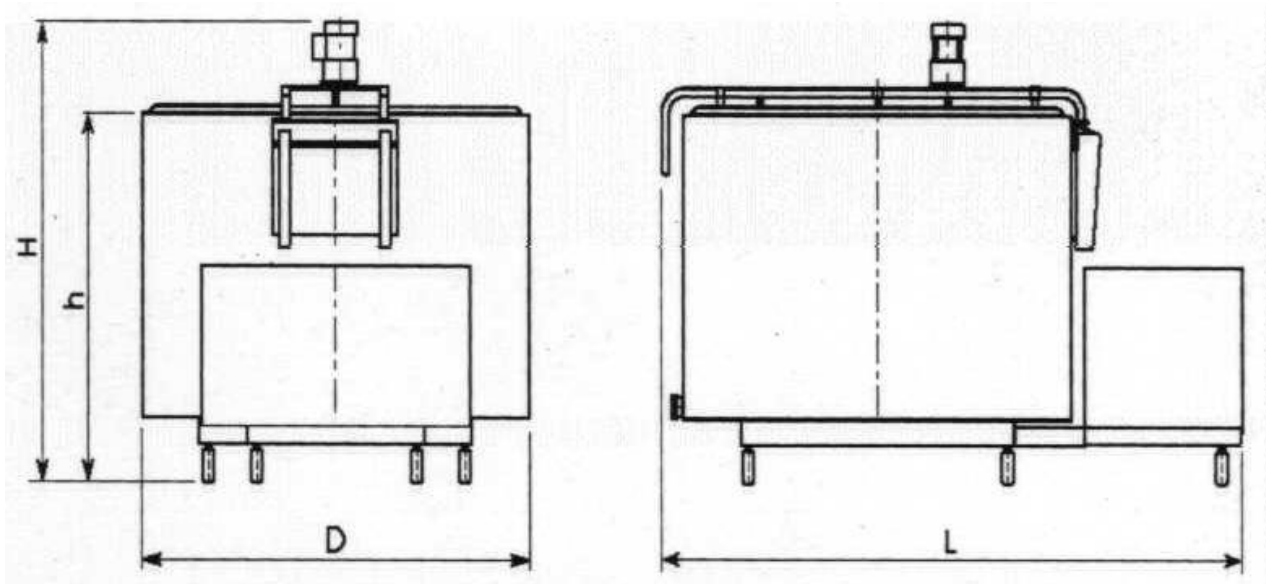


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TECHNICAL FEATURES



Series I - 100, 200 & 300 liters



Series II - 400 & 500 liters

CAPACITY	MODEL	POWER	APPROX. WT (Kg)	DIMENSIONS			
				D	H	L	A
	(M = Milking)						
100 Lt.	1 x 100 x 2M	1/220 x 0.25 HP	50	580	1110	885	315
200 Lt.	1 x 200 x 2M	1/220 x 0.50 HP	80	750	1180	1030	390
300 Lt.	1 x 300 x 2M	1/220 x 1.00 HP	130	923	1390	1120	405
400 Lt.	4 x 400 x 2M	1/220 x 1.20 HP	200	1960	1218	1125	895
500 Lt.	4 x 500 x 2 M	1/220 x 1.75 HP	210	1960	1218	1125	895

Under the policy of continuous development Specifications & dimensions mentioned here under are subject to change without notice.

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