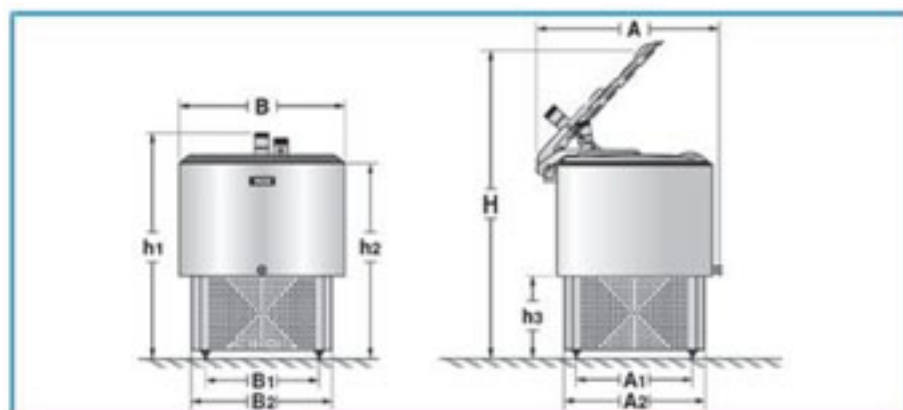


TYPE IC 50H-300H



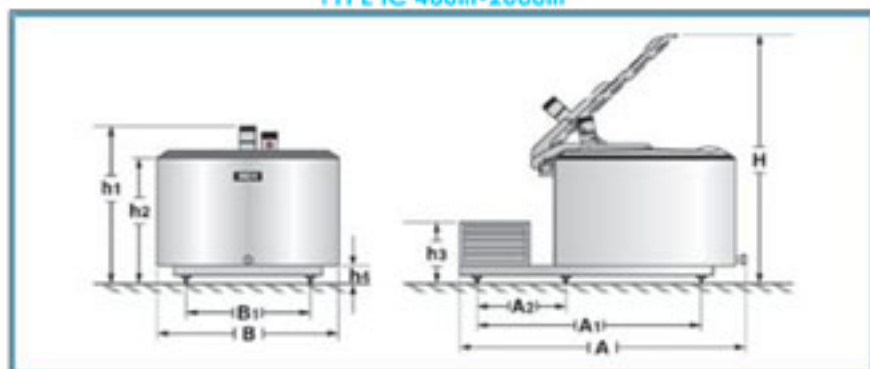
DIMENSIONS/mm

Milk Cooling tank type	A	A1	A2	B	B1	B2	H	h1	h2	h3
IC 50	560	280	365	520	280	365	1350	1050	820	440
IC 100	720	330	400	680	410	490	1660	1190	980	420
IC 200	1000	530	610	880	530	610	1760	1220	990	420
IC 300	1100	530	600	980	530	610	1900	1250	1030	420

TECHNICAL SPECIFICATIONS

Milk Cooling tank type	Maximum capacity Liters	Weight Kg	Fan cooled condensing unit type	Voltage	Refrigerant type	Refrigeration capacity Watt	Run current	Maximum current	Number of milking
IC 50	60	40	AEZ 9440Z L'Unite	220V~240V 50Hz, 1~	R 404A	743W 3/8Hp	2.20A	3.00A	2
IC 100	125	60	CAE 4450Z L'Unite	220V~240V 50Hz, 1~	R 404A	927W 3/7Hp	3.76A	4.19A	2
IC 200	240	100	CAJ 9510Z L'Unite	220V~240V 50Hz, 1~	R 404A	1972W 1Hp	5.20A	7.10A	2
IC 200	240	100	CAE 4450Z L'Unite	220V~240V 50Hz, 1~	R 404A	927W 3/7Hp	3.76A	4.19A	4
IC 300	332	110	CAJ 9513Z L'Unite	220V~240V 50Hz, 1~	R 404A	2485W 1_1/8Hp	6.40A	10.10A	2
IC 300	332	110	CAJ 9510Z L'Unite	220V~240V 50Hz, 1~	R 404A	1972W 1Hp	5.20A	7.10A	4

TYPE IC 400III-2000III



DIMENSIONS/mm

Milk Cooling tank type	A	A1	A2	B	B1	H	h1	h2	h3	h4
IC 400 2milking	1830	1250	-	1080	630	1500	1030	870	670	180
IC 400 4milking	1620	1250	-	980	500	1710	1150	910	520	180
IC 500	1830	1380	-	1080	630	1675	1210	975	675	180
IC 650	1830	1380	-	1080	630	1840	1372	1140	675	180
IC 800	2140	1630	-	1280	880	1740	1260	1030	735	180
IC 1000	2350	1880	1140	1480	880	1770	1210	980	735	180
IC 1200	2350	1880	1140	1480	880	1870	1310	1080	735	180
IC 1500	2350	1880	1140	1480	880	2080	1610	1270	735	180
IC 2000	2700	2290	1210	1830	1130	2190	1550	1285	710	180
IC 2500	2700	2290	1210	1830	1130	2410	1700	1505	710	180

TECHNICAL SPECIFICATIONS

Milk Cooling tank type	Maximum capacity Liters	Weight Kg	Fan cooled Condensing unit type	Voltage	Refrigerant type	Refrigeration capacity Watt	Run current	Maximum current	Number of milking
IC 400	434	175	CAJ 9513Z L'Unite	220V-240V 50Hz, 1~	R 404A	2485W 1,1/8Hp	6,40A	10,10A	4
IC 400	434	110	CAJ4519Z L'Unite	220V-240V 50Hz, 1~	R 404A	3756W 1,5Hp	9,9A	15,4A	2
IC 400	434	110	TAJ4519Z L'Unite	380V-400V 50Hz, 3~	R 404A	3756W 1,5Hp	4A	4,8A	2
IC 500	523	180	CAJ4519Z L'Unite	220V-240V 50Hz, 1~	R 404A	3756W 1,5Hp	9,9A	15,4A	2
IC 500	523	180	TAJ4519Z L'Unite	380V-400V 50Hz, 3~	R 404A	3756W 1,5Hp	4A	4,8A	2
IC 500	523	180	CAJ 9513Z L'Unite	220V-240V 50Hz, 1~	R 404A	2485W 1,1/8Hp	6,40A	10,10A	4
IC 650	723	200	FH 4524Z L'Unite	220V-240V 50Hz, 1~	R 404A	4361W 2Hp	10,7A	18,1A	2
IC 650	723	200	TFH 4524Z L'Unite	380V-400V 50Hz, 3~	R 404A	4361W 2Hp	4,32A	6,29A	2
IC 650	650	180	CAJ4519Z L'Unite	220V-240V 50Hz, 1~	R 404A	3756W 1,5Hp	9,9A	15,4A	4
IC 650	650	180	TAJ4519Z	380V-400V	R 404A	3756W	4A	4,8A	4

			L'Unite	50Hz, 3~		1,5Hp			
IC 800	850	240	FH4531Z L'Unite	220V-240V 50Hz, 1~	R 404A	5706W 2,5Hp	14,1A	26,3A	2
IC 800	850	240	TFH4531Z L'Unite	380V-400V 50Hz, 3~	R 404A	5706W 2,5Hp	5,27A	8,1A	2
IC 800	850	240	FH4524Z L'Unite	220V-240V 50Hz, 1~	R 404A	4361W 2Hp	10,7A	18,1A	4
IC 800	850	240	TFH4524Z L'Unite	380V-400V 50Hz, 3~	R 404A	4361W 2Hp	4,32A	6,29A	4
IC 1000	1070	270	FH4540Z L'Unite	220V-240V 50Hz, 1~	R 404A	7276W 3Hp	19,8A	27A	2
IC 1000	1070	270	TFH4540Z L'Unite	380V-400V 50Hz, 3~	R 404A	7276W 3Hp	7,52A	9,21A	2
IC 1000	1070	270	FH4531Z L'Unite	220V-240V 50Hz, 1~	R 404A	5706W 2,5Hp	14,1A	26,3A	4
IC 1000	1070	270	TFH4531Z L'Unite	380V-400V 50Hz, 3~	R 404A	5706W 2,5Hp	5,27A	8,1A	4
IC 1200	1238	275	TAG4546Z L'Unite	380V-400V 50Hz, 3~	R 404A	7956W 4Hp	7A	11,4A	2
IC 1200	1238	275	FH4540Z L'Unite	220V-240V 50Hz, 1~	R 404A	7276W 3Hp	19,8A	27A	4
IC 1200	1238	275	TFH4540Z L'Unite	380V-400V 50Hz, 3~	R 404A	7276W 3Hp	7,52A	9,21A	4
IC 1500	1518	350	TAG4553Z L'Unite	380V-400V 50Hz, 3~	R 404A	8958W 4, 1/2Hp	7,76A	12A	2
IC 1500	1518	280	FH4540Z L'Unite	220V-240V 50Hz, 1~	R 404A	7276W 3Hp	19,8A	27A	4
IC 1500	1518	280	TFH4540Z L'Unite	380V-400V 50Hz, 3~	R 404A	7276W 3Hp	7,52A	9,21A	4
IC 2000	2030	430	TAG4573Z L'Unite	380V-400V 50Hz, 3~	R 404A	13123W 6, 1/4Hp	11,4A	18A	2
IC 2000	2030	430	TAG4546Z L'Unite	380V-400V 50Hz, 3~	R 404A	7956W 4Hp	7A	11,4A	4
IC 2500	2555	455	TAG4573Z L'Unite	380V-400V 50Hz, 3~	R 404A	13123W 6, 1/4Hp	11,4A	18A	4

MILK COOLING TANKS TECHNICAL SPECIFICATIONS

CONSTRUCTION: Stainless steel 18/10, DIN 1.4301 (AISI 304) for inner and outer tank vessel.

TANK TYPE: Vertical type cylindrical tank, free standing, smooth inner sides, rounded angles, perfectly polished welding, adjustable legs for uneven floors. Direct expansion bottom designed to ensure total drain of tank. The design of evaporator plates prevents milk freezing even at low milk volumes. Crash test 65BAR. Function pressure :30BAR. Fine insulation with precisely controlled infusion of high – density environment friendly polyurethane foam. 30rpm (90W) single-phase agitator motor for IC 100 – 1000liters , 30rpm (120W) single-phase agitator motor for IC 1500 – 2000liters , stainless steel lid without any screws inside and one-piece agitator (without joints). Automatic stop of the stirring motor when lid is open. Milk inlet Ø180mm and stainless steel cover. Elevated parts (opening handle, stirring motor and electrical control panel) for easy cleaning. Milk outlet and milk cooling tank evaporator plate inclination according to the international standards (ISO 5708). Stainless steel springs for easy opening and closing of the milk cooling tank lid (for IC 200 – 2000 liters). Stainless steel dipstick and standard calibration chart. IP55 panel for electric instrument (Applicable Standard: EN 60529/91, Applicable directives: LVT 73/23/EEC). Stainless Steel Butterfly valve DN50, Ø52mm with one end nut, other threaded (male part), PVC cap and stainless steel chain. Perforated stainless steel condensing unit cover with removable sides for easy maintenance and for the condensing unit ventilation – protection (Patent No. : 1004080) for IC 50lt-1000lt.

CONDENSING UNIT: Close type condensing unit compressor by L'Unite Hermelique, coolant type R404A (full ecological). For the protection and the condensing unit's better performance have been mounted

solenoid valve, high pressure switch, low pressure switch, high pressure switch for the second fan regulation (Models IC 1000-2000lt) on the refrigerating circuit.

INSULATION TYPE: INTERVOL RFN-24. Two components polyurethane rigid foam system. Blowing agent used is HCFC-141b (CFC – free system). Thickness: 45mm. Density: 40kg/m³ (DIN53420). Compressive strength: 20kPa (DIN53421). Thermal conductivity, 24°C: 0.023 W/m.°K (DIN18164).

PANEL FOR ELECTRIC INSTRUMENT: MATERIAL: Two components polyurethane base elastomer. PROTECTION CLASS: IP 55 class-standard (Applicable Standard: EN 60529/91, Applicable directives: LVT 73/23/EEC). TYPE: Tank mounted.

MILK CONTROLLER - THERMOSTAT: OPERATING TEMPERATURE: +0 ÷ +60°C. STORAGE TEMPERATURE: -30 ÷ +85°C. POWER SUPPLY: 230V – 50Hz ± 10%. POWER ABSORPTION: 3VA max. MAKE: DIXELL SRL, ITALY. FUNCTION: When the compressor reaches the set point, it stops its function and the auto agitation of milk begins for 15 minutes pause, 3 minutes agitation and so on until the milk temperature be SET+ Hy when the compressor starts again. In case of probe failure, the output is according to parameter "CO" - Compressor ON time with faulty probe (range: 0 ÷ 255min, val. 15min) and "COF" - Compressor OFF time with faulty probe (range: 0 ÷ 255min, val. 30min). Note: All of the milk controller parameters are adjustable.

DIPSTICK: High precision stainless steel dipstick (AISI 304) for easy and direct volume reading in mm.

REFRIGERATION CAPACITY RATING CONDITIONS

- Ambient temperature: +32°C.
- Evaporator outlet and return gas superheated: 11°K.
- Condensing temperature: +55°C
- Evaporating temperature: 0°C.
- Temperature of refrigerant at condenser outlet is sub cooled within the condensing limits of the unit.

Our company, in its constant effort to improve its products, retains the right of positive alterations regarding the specifications. Our milk cooling tanks are made according to E.U. guide 98/37 for machines safety, stamp with CE and are harmonious based on international standards EN 292-1, EN 292-2, EN 294, EN 349, EN 418, EN 1672-1, EN 60204-1. Our company has been certified for Quality Management System ISO 9001: 2000 / EN ISO 9001: 2000 from RWTUV Systems GmbH.

Furthermore, we would like to invite you at our company plant so as you to become acquainted with our technological – mechanical equipment as well as our milk cooling tanks high quality that guarantees functionality, milk quality and durability over extensive periods of use.

Last but not least, we would like to underline that we produce more than 6000 milk cooling tanks per year exporting our products to following countries. We consider that it is not an accidental fact that so many respectable companies in all over the world trust our company and high quality of milk cooling tanks that we produce for all these years. Hope to include your company name at our customers list very soon.

EXPORTS

01. ALBANIA	19. GERMANY	37. PAKISTAN
02. ALGERIA	20. GREAT BRITAIN	38. POLAND
03. ARABIC EMIRATES	21. HOLLAND	39. ROMANIA
04. ARMENIA	22. HUNGARY	40. RUSSIA
05. AZERBAIJAN	23. INDIA	41. RWANDA
06. BANGLADESH	24. ISRAEL	42. SAUDI ARABIA