INCA-TANK

THE MODERN WAY TO STORE WATER

MS
SIRIM
MS 1225:1991

JKA • PBA • LAP • SYABAS • JBA • PAM • SAJ (Relevant Water Authorised Approval)

INCA SHAPING IDEAS INTO PLASTIC

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Let INCA's 30 years of manufacturing experience in the USA work for you.

"Inca-Tanks" are produced by the revolutionary "Rotomolding" process using new generation resins, computer-aided design and highly advanced equipment.

INCAPLAS' products are the right choice. Unlike fibreglass or metal tanks, INCAPLAS' "Inca-Tanks" will not crack, leak, rust or corrode.

PRODUCT FEATURES

- FDA approved food grade material
- Made from Linear Medium Density (LMD) Polyethylene
- One piece seamless design
  Leak proof and crack resistant
- Excellence chemical resistance
  Can hold most acids and chemicals
- Lightweight and nestable
  Easy to transport and store
- Superior " Ultrashield" UV protection
  Longer lasting product quality
- Capacity range from 50 - 600 gallons
- Maintenance free
- Custom designed to any size

Conform to SIRIM MS 1225:1991 Standard

INCA TANK - ROUND SERIES

MS Standard Model	Capacity Gals (Litres)		External Dimensions Inches (mm)		
	Effective	Maximum	A1	A2	H
N 25 R	25 (114)	50 (227)	37 (940)	32 (813)	17 (432)
N 40 R	40 (182)	60 (273)	42 (1067)	34 (864)	19 (483)
N 50 R	50 (227)	80 (364)	45 (1143)	38 (965)	20 (508)
N 70 R	70 (318)	100 (455)	49 (1245)	41 (1030)	26 (660)
N 100 R	100 (455)	150 (682)	50 (1270)	40 (1016)	32 (815)
N 150 R	150 (682)	200 (909)	60 (1524)	51 (1295)	34 (863)
N 150 R (A)*	150 (682)	200 (909)	58 (1480)	48 (1213)	30 (758)
N 200 R	200 (909)	250 (1136)	67 (1701)	58 (1480)	32 (812)
N 200 R (A)*	200 (909)	250 (1136)	58 (1479)	48 (1213)	36 (920)
N 250 R	250 (1136)	300 (1364)	64 (1626)	51 (1295)	44 (1120)
N 300 R (B) 2	300 (1364)	350 (1591)	69 (1753)	56 (1430)	45 (1143)
N 300 R (B) 3	300 (1364)	350 (1591)	64 (1626)	48 (1219)	48 (1219)
N 300 R (B) 4*	300 (1364)	350 (1591)	61 (1560)	48 (1219)	48 (1219)
N 300 R (A) 2	300 (1364)	400 (1818)	64 (1630)	51 (1300)	51 (1300)
N 300 R (A) 3*	300 (1364)	400 (1818)	61 (1560)	48 (1219)	53 (1355)
N 330 R	330 (1501)	420 (1911)	65 (1651)	51 (1300)	53 (1346)
N 350 R	350 (1591)	450 (2047)	64 (1630)	49 (1244)	57 (1448)
N 400 R	400 (1818)	500 (2273)	70 (1778)	51 (1295)	59 (1499)
N 400 R (A)*	400 (1818)	500 (2273)	66 (1676)	55 (1397)	52 (1320)
N 500 R	500 (2273)	600 (2727)	72 (1828)	61 (1550)	59 (1499)

** Additional New Model*

INCA TANK - SQUARE SERIES

MS Standard Model	Capacity Gals (Litres)		External Dimensions Inches (mm)		
	Effective	Maximum	TOP L X W	Base L x W	H
N 25 S	25 (114)	50 (227)	42x33 (1067x838)	35x25 (889x635)	17 (432)
N 40 S	40 (182)	60 (273)	38x35 (965x889)	32x28 (813x711)	17 (432)
N 50 S	50 (227)	80 (364)	42 (1080)	36 (923)	21 (545)
N 70 S	70 (318)	100 (455)	43 (1092)	35 (903)	24 (660)
N 100 S	100 (455)	150 (682)	53 (1347)	42 (1060)	28 (711)
N 150 S	150 (682)	200 (909)	59 (1499)	47 (1180)	28 (711)
N 200 S	200 (909)	250 (1136)	64 (1626)	51 (1282)	30 (762)
SN 200/250	200 (909)	250 (1136)	45 (1150)	35 (880)	48 (1200)

INCA TANK - CUSTOM MADE ROUND SERIES

Model	Capacity (Litres) Gals		External Dimensions With Cover - Inches (mm)		
			Top Diameter	Base Diameter	Height
	Effective	Nominal	A1	A2	H
N100H (RPB)	100 (455)	150 (682)	51 (1295)	44 (1118)	23 (584)
N150H	150 (682)	200 (909)	48 (1219)	38 (905)	40 (1016)
N200H (RPF)	200 (909)	250 (1136)	34 (864)	34 (864)	77 (1956)
N200H	200 (909)	250 (1136)	48 (1219)	38 (965)	46 (1168)
N250H	250 (1136)	300 (1364)	48 (1219)	38 (965)	53 (1348)
N300H	300 (1364)	400 (1818)	48 (1219)	39 (990)	65 (1651)
N400H (RPH)	400 (1818)	450 (2043)	43 (1092)	43 (1092)	89 (2261)

INCA TANK - CUSTOM MADE RECTANGULAR SERIES

Model	Capacity (Litres) Gals		External Dimensions With Cover - Inches (mm)		
	Effective	Nominal	Length	Width	Height
FT-3	15 (68)	30 (136)	29 (737)	20 (508)	15 (381)
FT-5	25 (114)	50 (227)	33 (838)	28 (711)	16 (406)
SPJ	25 (114)	50 (227)	36 (914)	36 (914)	12 (305)
SPG	50 (227)	80 (364)	45 (1143)	28 (711)	18 (457)
SPN	50 (227)	80 (364)	48 (1219)	36 (914)	14 (356)
SPE	70 (318)	100 (455)	48 (1138)	39 (990)	20 (508)
SPL	70 (318)	100 (455)	51 (1295)	43 (1092)	15 (381)
SPM	70 (318)	100 (455)	53 (1346)	31 (787)	18 (457)
SPA	90 (410)	120 (546)	51 (1295)	43 (1092)	17 (432)
SSP	90 (410)	125 (568)	51 (1295)	26 (660)	28 (660)
SPB	100 (455)	150 (682)	54 (1371)	40 (1016)	23 (584)
SPH	100 (455)	150 (682)	60 (1524)	46 (1168)	17 (432)
SPC	150 (682)	200 (909)	52 (1321)	44 (1118)	29 (737)
SPD	150 (682)	200 (909)	60 (1524)	48 (1219)	23 (584)
SPK	150 (682)	200 (909)	67 (1702)	52 (1321)	17 (432)
SPF	200 (909)	250 (1136)	78 (1981)	38 (965)	25 (635)
SPI	250 (1136)	300 (1364)	78 (1981)	48 (1219)	24 (610)
SPR*	250 (1136)	300 (1364)	66 (1676)	48 (1219)	30 (762)
N250S	250 (1136)	300 (1364)	60 (1524)	60 (1524)	34 (864)
SPQ	300 (1364)	350 (1591)	68 (1727)	46 (1168)	38 (914)

** Additional New Model*

Note: a) Tank capacity are rounded-off to the nearest gallons (litres).
b) Tank dimensions are rounded-off to the nearest inches (mm).
c) Tank specification subject to change without prior notice.

MATERIAL PROPERTY

POLYETHYLENE

Properties	Test Values	Test Methods
Density	938kg/m	ISO 187/1 - 1986
Tensile Strength	16MPa	ISO/R527 - 1966 : TYPE 2 Speed D
Elongation	>200%	ISO/R527 - 1966 : TYPE 2 Speed D
Flexural Modulus	650MPa	ISO 178 - 1975
Impact Strength	20kj/m	ISO 179 - 1982 : Condition 2C
Hardness (Shore D)	62	ISO 868 - 1985
Softening Point	117°c	ISO 306
Thermal Conductivity	0.48 W / m°c	ASTM C117
Melting Point	125°c	ASTM D2117
Linear Expansion	10 x 10^{-4}/°c	ASTM D696

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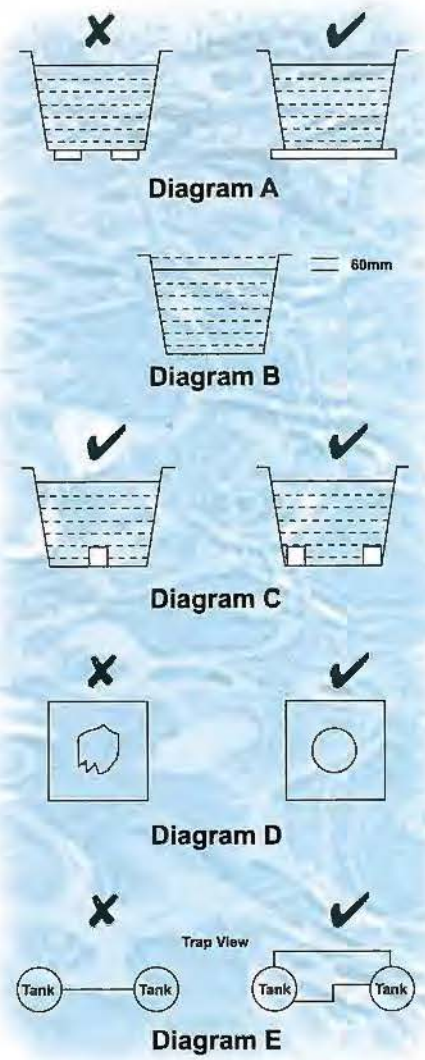
THE MODERN WAY TO STORE WATER

INSTALLATION INSTRUCTIONS

1. The base shall be adequately and uniformly supported over its whole area. Do not place water tank on beams with interval spaces or uneven surfaces. (Diagram A)
2. The centreline of the float operated valve shall be minimum of 60mm (±5mm) from the top of the water tank. (Diagram B)
3. Pipes shall be supported and aligned so as not to distort the water tank and back nuts shall not be overfightened.
4. Do not use any putty or jointing compound. Plastics or rubber sealing washers or PTFE tapes can be used.
5. All water inlet and outlet holes should be drilled within the flat areas provided in the water tank. (Diagram C)
6. Circular holes for fixing pipes shall have a clean edge free from notches and shall be punched with a sharp hollow punch, cut with a hole saw or drilled with a sharp cutter. (Diagram D)
7. Brass, rigid plastics or metal suitably protected support washers shall be fitted internally and externally to all underwater pipe connections.
8. The water tank shall be so positioned that it is not in close proximity to heaters, electric light bulbs or other sources of heat.
9. Pipe linkage between tanks be connected at 90° angles to provide for expansions as shown. Do not connect pipes in rigid straight line. (Diagram E)
10. Water tanks should be for use for cold water storage only.
11. Upon installation, make sure the cover is properly fitted, and snap-on ensure a hygienic and clean water supply.



WARRANTY TERMS AND CONDITIONS

1. Inca-Tank has a warranty of 8.5 years for outdoor use and 10 years for indoor use.
2. Warranty period is applicable on a pro-rated basis against manufacturing defects only for standard models of Inca-Tank. INCAPLAS' liability is strictly limited to the replacement of water tanks only.
3. The manufacturer will not be liable for any consequent losses, defects or damages as a result of improper use or incorrect installation of water tanks.
4. Inca-Tank is to be used for storing cold water at a stationary position only.
5. Lifetime warranty for food contact safe.

PRODUCT 10 years WARRANTY

Manufactured by:

INCAPLAS (MALAYSIA) SDN BHD

(217820-V)

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Sole distributor:

INGCA SDN BHD

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