

HYDROMAX

HOT WATER STORAGE TANKS



- **Best materials :**
 - Enamel: imported from USA Ferro who is the worldwide biggest enamel manufacturer
 - Inner tank steel: from Baosteel, one of Worlds biggest steel manufacturer;
 - Steel surface cleaning Grit: imported from French W Abrasives;
 - Pressure and Temperature Relief Valve: imported from Canadian Watts;
 - Thermostat: imported from USA Emerson;
 - Electric Element: from Japanese company Kawai.
- **Insulation protection** - CFC free polyurethane foam insulation is injected and surrounds the inner tank, filling the space between the inner tank and outer tank thus providing an exceptionally good heat retention barrier. This helps to reduce the energy cost by minimizing standby heat loss.
- **Anode Protection** - Each tank is provided with a magnesium anode rod to protect it against corrosion, a process well proven in years of application.
- **Compliance** - Australian certification **WaterMark**, International electrical safety certification **IEC60335**, and European certification **CE**
- **Electric Element** - Low density Incoloy 800 immersion type element ensures long lasting performance with choice of various heat input (kw) offering different hot water recovery rates.
- **Safety Protection** - Each tank is provided with a pressure and temperature relief valve (P/T valve). It protects the tank against excessive pressure and temperature by releasing its contents safely to the floor trap via the drain pipe.
- **New Technology** - Water storage tanks are adapted to the advanced technology of vitreous enamel inner tank – HYDROMAX Enamel Blue Inner Liner, which fuses to solid steel at about 900°C. The result is a smooth and tough surface that effectively resist the corrosive attacks of hot water chemicals, thus ensuring a long life span of water tank, **especially suitable for the areas of hard water.**

HYDROMAX

HOT WATER STORAGE TANK / ELECTRIC WATER HEATER

| SPECIFICATIONS | | | | | | |
|-----------------------------|--|------------|------------|------------|------------|------------|
| MODEL | SG-80 | SG-100 | SG-200 | SG-300 | SG-400 | SG-500 |
| CAPACITY (LITERS) | 80 | 100 | 200 | 300 | 400 | 500 |
| CAPACITY (GALLONS) | 21 | 26 | 53 | 79 | 106 | 132 |
| WORKING PRESSURE (BAR) | 6 | 6 | 6 | 6 | 6 | 6 |
| MAXIMUM WORKING PRES.(BAR) | 10 | 10 | 10 | 10 | 10 | 10 |
| HEATING ELEMENT (KW) | 1.5 | 1.5 | 2.5 | 2.5 | 3 | 3 |
| INNER TANK | | | | | | |
| THICKNESS | 1.8 | 1.8 | 2.2 | 3 | 4.5 | 4.5 |
| MATERIAL | MILD STEEL | | | | | |
| CODE | BTC340R | | | | | |
| COATED LINING | VITREOUSE ENAMELLED LINING FROM FERRO U.S.A. | | | | | |
| TANK PROTECTION | MAGNECIUM ANODE | | | | | |
| OUTER TANK | | | | | | |
| THICKNESS | 0.5 | | | | | |
| MATERIAL | GALVANIZED STEEL | | | | | |
| PROTECTION COAT | POWDER COATED PAINT | | | | | |
| INSULATION | | | | | | |
| THICKNESS (mm) | 45 | 45 | 45 | 54 | 54 | 54 |
| MATERIAL | POLYURETHANE FOAM INSULATION | | | | | |
| INLET / OUTLET SIZE (NPT") | 3/4" | 3/4" | 3/4" | 1" | 1" | 1" |
| DIMENSION (DIA x HEIGHT) mm | 458 x 970 | 458 x 1156 | 528 x 1478 | 650 x 1514 | 718 x 1572 | 718 x 1714 |

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EMAIL: info@santecoconstruction.net

OFFICE: 956 50 72