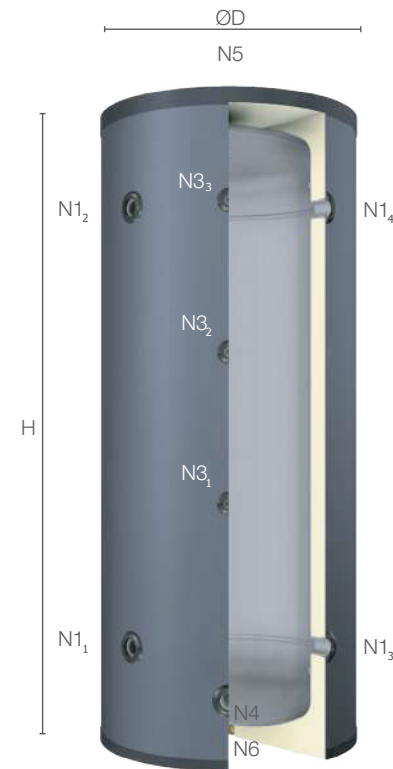


ITALOTHERM ITB BUFFER TANK 100lt-300lt



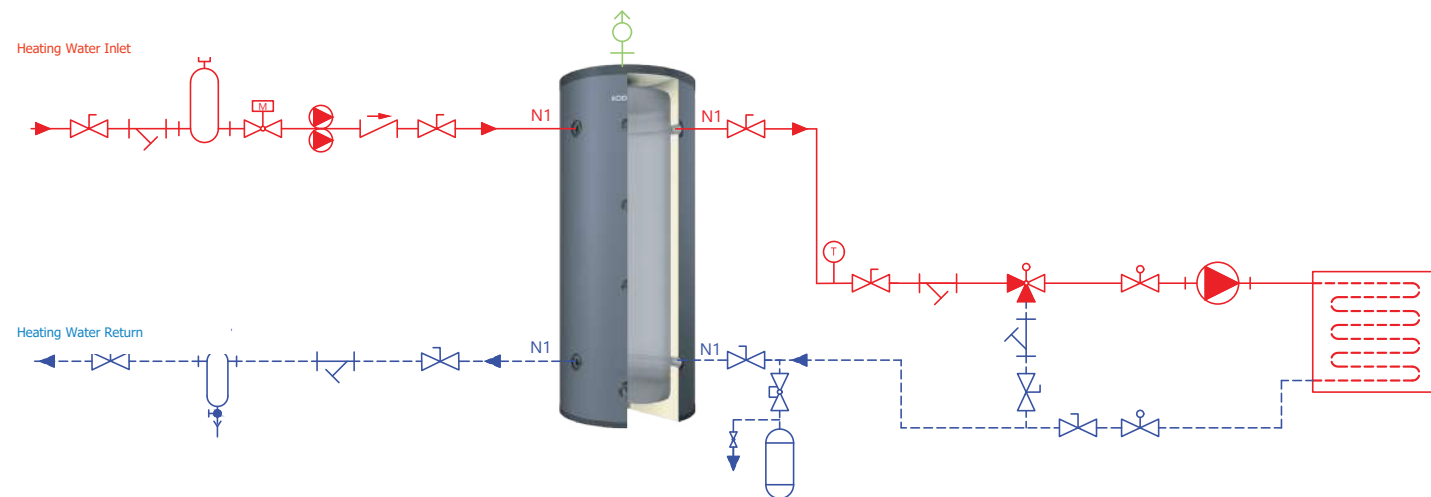
Volume
100 lt-300 lt

Buffer Tank Maximum Operating Temperature
95°C

Buffer Tank Maximum Operating Pressure
3 Bar

Manufactured in accordance with 2014/68/EU Pressure Equipment Directive, TS EN 13445-3 and TS EN 12897 standards.

INSTALLATION DIAGRAM



The installation diagram shown above is just an example. The installation must be done according to updated standards and instructions.

| ItaloTherm Buffer Tank | | 100lt-300lt |
|------------------------|--|-------------------|
| INSULATION | PU- 42kg/m3 HCFC-free polyurethane in accordance with the 814/2013 EU ErP Commission Regulations and TS EN 12897 Standards | STD/50 mm |
| | Soft PU- 15 kg/m3 soft polyurethane | x |
| | Soft PU- 26 kg/m3 flame retardant soft polyurethane | x |
| COATING | Izomax- 50kg/m3 insulation with d0 fire class as well as with BL-S3 compatible with the ErP regulations following the 814/2013 EU Commission Regulations and TS EN 12897 Standards | x |
| | Blueshell- Recyclable polyethylene cover that provides heat-saving | STD |
| | Vinleks- Artificial Leather | x |
| EQUIPMENT | Izoqua- Waterproof PVC unit which is suitable for exterior usage. (Offered optionally with the izomax insulation application) | x |
| | Thermometer (0°C- 120°C) | OPS/Ø63 |
| | Sensor Tube | OPS/1/2" 3 pieces |
| | Cleaning & Control Flange | x |
| | Electric Heater | x |
| CATHODIC PROTECTION | Air Ventilation Connection | STD/1/4" |
| | Magnesium Anode | x |
| CARRIER ELEMENT | Electronic Anode | x |
| | Steel leg system mounted on a palette from 3 different locations | STD |
| | Circle steel leg system that provides circular floor contact | x |

STD: Abbreviation for spare parts and equipments which belong to the standard products.
OPS: Abbreviation for the optional spare parts and equipments for non-standart products.

| Description | Code | Unit | ITB-100 | ITB-160 | ITB-200 | ITB-300 |
|---|------|------|---------|---------|---------|---------|
| Capacity | V | lt | 100 | 160 | 200 | 300 |
| Insulation Type & Thickness | i | mm | PU/50 | PU/50 | PU/50 | PU/50 |
| Diameter | ØD | mm | 480 | 580 | 580 | 700 |
| Height | H | mm | 1065 | 1095 | 1300 | 1215 |
| Primary/Secondary Energy Inlet/Outlet Connections | N1 | inch | 1" | 1 1/4" | 1 1/4" | 1 1/4" |
| Electric Heater Connection | N2 | inch | x | x | x | x |
| Thermometer & Sensor Tube Connections | N3 | inch | 1/2" | 1/2" | 1/2" | 1/2" |
| Drain Connection | N4 | inch | 1" | 1 1/4" | 1 1/4" | 1 1/4" |
| Air Ventilating Connection | N5 | inch | 1 1/4" | 1 1/4" | 1 1/4" | 1 1/4" |
| Blind Connection | N6 | inch | 1 1/4" | 1 1/4" | 1 1/4" | 1 1/4" |
| Gross Weight | G | kg | 36 | 49 | 60 | 67 |
| Tilt Height | R | mm | 1170 | 1240 | 1425 | 1405 |