



Outer Appearance



Side Section View



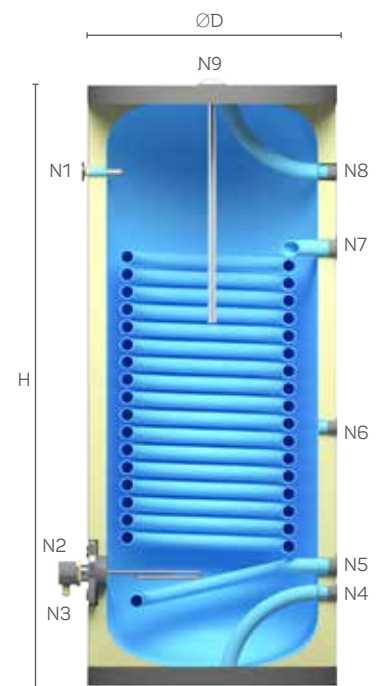
Top Section View

|                                      |  |
|--------------------------------------|--|
| <b>Volume</b>                        | : 160L – 2000L   |
| <b>Capacity Range</b>                | : 4.6 kW – 43.6 kW   |
| <b>Maximum Operating Temperature</b> | : 95 °C  |
| <b>Body Operating Pressure</b>       | : 10 Bar   |
| <b>Inner Surface Coating</b>         | : Tank inner surface is enamelled (glass-lined) in accordance with DIN 4753-3 standard |

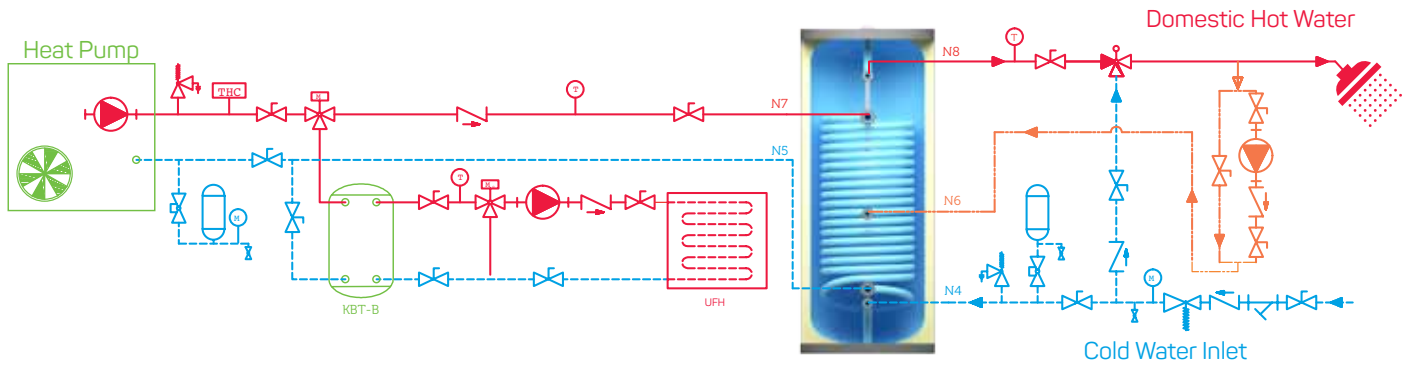
|                   |  |
|-------------------|--|
| <b>Insulation</b> | : Insulation is in accordance with EN 15332 Energy Efficiency Standard |
| 160L – 500L       | : 42 kg/m <sup>3</sup> water based hard PU (HCFC-Free) foam            |
| 800L – 1000L      | : 42 kg/m <sup>3</sup> water based hard PU (HCFC-Free) foam (Optional) |
| 800L – 2000L      | : 18 kg/m <sup>3</sup> soft PU   |
| 800L – 2000L      | : 26 kg/m <sup>3</sup> flame retardant soft PU (Optional)              |

|                               |  |
|-------------------------------|--|
| <b>External Cover Coating</b> |  |
| 160L – 500L                   | : Electrostatic Powder Painted Steel / Artificial Leather / IXPE / ABS |
| 800L – 2000L                  | : Artificial Leather / IXPE / ABS                                      |

|                                       |  |
|---------------------------------------|--|
| <b>Thermometer</b>                    | : 0°C – 120°C  |
| <b>Inspection and Cleaning Flange</b> | : Inspection and cleaning flange is available in all series                        |
| <b>Electric Heater</b>                | : Electric heater can be installed (Optional)                                      |
| <b>Cathodic Protection Element</b>    | : Magnesium anode in accordance with DIN 4753-3 standard (Electronic anode option) |



## Installation Diagram



Installation diagram given above is just a template. Installation must be done according to update standards and directives.

| DESCRIPTION                        | Code  | Unit | KXS 160 | KXS 200 | KXS 300 | KXS 500 | KXS 800 | KXS 1000 | KXS 1500 | KXS 2000 |
|------------------------------------|-------|------|---------|---------|---------|---------|---------|----------|----------|----------|
| Volume                             | V     | L    | 160     | 200     | 300     | 500     | 800     | 1000     | 1500     | 2000     |
| Body Diameter                      | ØD    | mm   | 590     | 590     | 700     | 750     | 900     | 1000     | 1120     | 1260     |
| Total Height                       | H     | mm   | 1125    | 1320    | 1210    | 1800    | 2100    | 2070     | 2300     | 2230     |
| Electric Heater                    | N3    | inch | 1 1/2"  | 1 1/2"  | 1 1/2"  | 1 1/2"  | 2"      | 2"       | 2"       | 2"       |
| Cleaning Flange                    | N2    | inch | 4"      | 4"      | 4"      | 4"      | 5"      | 5"       | 5"       | 5"       |
| Domestic Cold Water Inlet          | N4    | inch | 3/4"    | 3/4"    | 1"      | 1"      | 1 1/4"  | 1 1/4"   | 1 1/4"   | 1 1/4"   |
| Domestic Hot Water Outlet          | N8    | inch | 3/4"    | 3/4"    | 1"      | 1"      | 1 1/4"  | 1 1/4"   | 1 1/4"   | 1 1/4"   |
| Recirculation Diameter             | N6    | inch | 3/4"    | 3/4"    | 1"      | 1"      | 1 1/4"  | 1 1/4"   | 1 1/4"   | 1 1/4"   |
| Serpentine Diameter                | N5-N7 | inch | 1"      | 1"      | 1"      | 1"      | 1 1/4"  | 1 1/4"   | 1 1/4"   | 1 1/4"   |
| Insulation Type & Thickness        | t     | mm   | PU/50   | PU/50   | PU/50   | PU/50   | SP/80   | SP/80    | SP/80    | SP/80    |
| Gross Weight                       | G     | kg   | 105     | 124     | 135     | 210     | 273     | 298      | 411      | 594      |
| Tipping Height                     | -     | mm   | 1290    | 1465    | 1420    | 1970    | 2300    | 2320     | 2580     | 2580     |
| Magnesium Anode Connections        | N9    | inch | 1 1/4"  | 1 1/4"  | 1 1/4"  | 1 1/4"  | 1 1/4"  | 1 1/4"   | 1 1/4"   | 1 1/4"   |
| Thermometer and Sensor Connections | N1    | inch | 1/2"    | 1/2"    | 1/2"    | 1/2"    | 1/2"    | 1/2"     | 1/2"     | 1/2"     |

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