



flamco

Flextherm

high quality stainless steel
buffer vessels and water heaters

that's excellence.



hydraulic flow
control

A complete range

Under the product line name 'Flextherm', Flamco offers a wide selection of stainless steel storage vessels and water heaters for multiple applications. From indirectly heated water heaters for use in combination with gas boilers or heat pumps, to hot potable water storage vessels for combination with external heat exchangers, through to storage systems such as solar and heat pump tanks developed especially for renewable energies. The sizes available range from 120 to 1000 litres.

Our Flextherm stainless steel range are made from high-quality, hygienic and low-maintenance stainless steel AISI 316L (EN 1.4404) containing molybdenum, with excellent corrosion resistance.

Flextherm products are made from premium quality materials and insulated according to strict environmental guidelines to provide a high heat output and the highest energy efficiency.

features and benefits at a glance

- + Efficient: Minimum heat loss and rapid heating up process
- + Compact, slim design, reducing floor space
- + Requires little maintenance and no anode
- + Lightweight
- + Excellent stratification of the water in the vessel



Flextherm LS-E

Stainless steel **storage vessel** (without heating coil) for potable hot water. To be used in conjunction with external heat exchangers.

Flextherm Duo HLS-E

Flextherm Duo HLS-E Solar

Stainless steel **indirectly heated water heater** that can be combined with all modern heating installations and solar systems.

Flextherm WPS-E

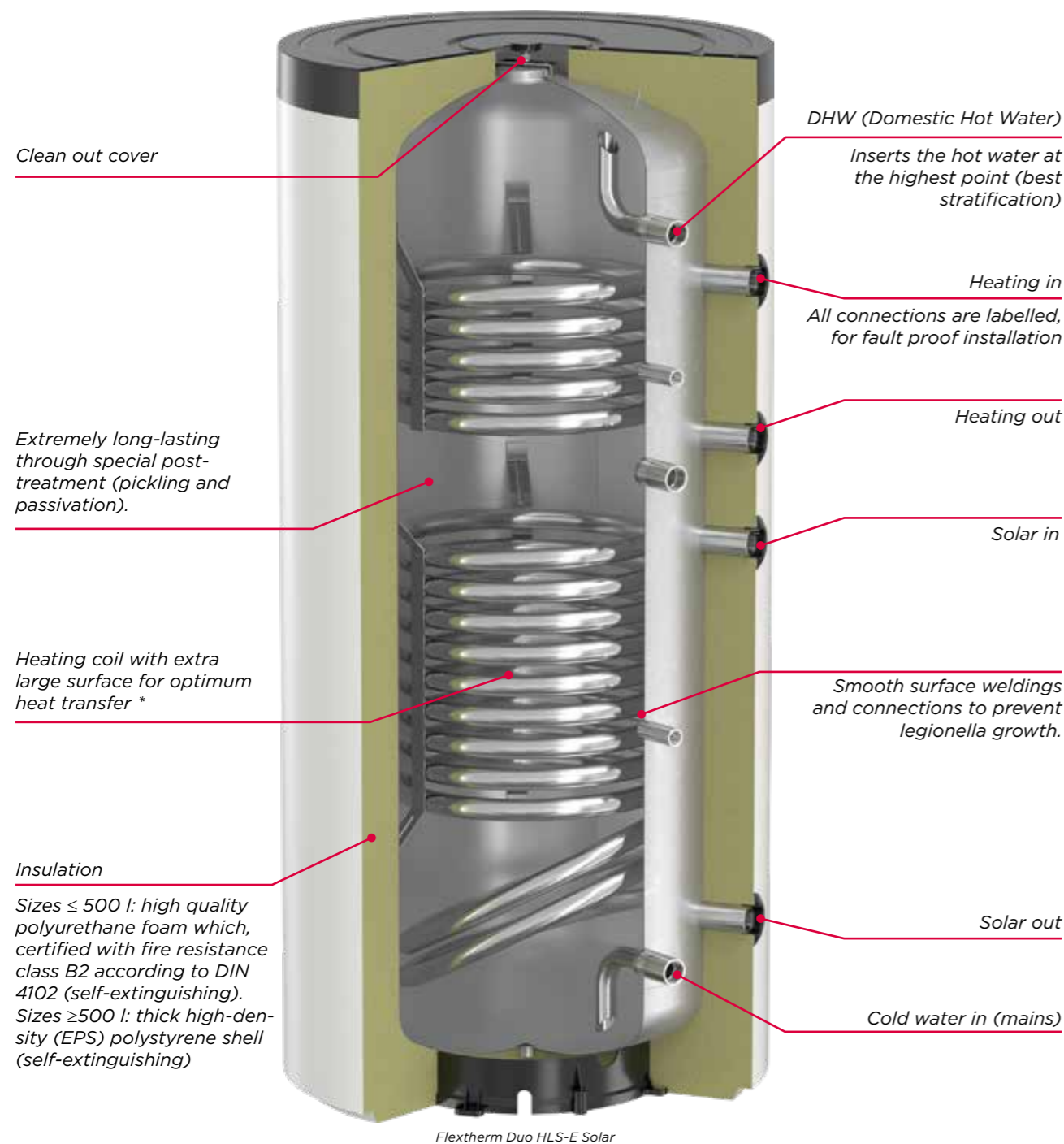
Flextherm WPS-E Solar

Stainless steel **indirectly heated water heater** with large heating coil. To be used in combination with **heat pumps** and solar systems.



Features and benefits

highest quality down to the smallest detail



Extremely long-lasting through special post-treatment (pickling and passivation).

Heating coil with extra large surface for optimum heat transfer *

Insulation
 Sizes ≤ 500 l: high quality polyurethane foam which, certified with fire resistance class B2 according to DIN 4102 (self-extinguishing).
 Sizes ≥ 500 l: thick high-density (EPS) polystyrene shell (self-extinguishing)

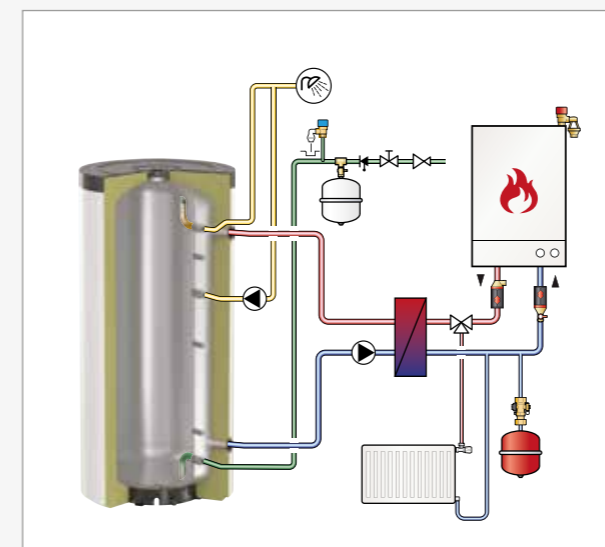
* Flextherm LS-E without heating coil

Flextherm Duo LS-E



- + Storage vessel for potable hot water, for use in systems in which heat can be exchanged by external heat exchangers
- + Available in capacity from 300 to 1000 litres
- + The stainless steel AISI 316L (EN 1.4404) ensures excellent corrosion protection and durability for long life, in addition to top performances
- + Tank is pickled and passivated to keep its corrosion resistance even where mechanical damage occurs, such as scratching or machining
- + Insulation layer made of very thick high-density polyurethane (PU) foam that guarantees excellent insulation

Type	Volume [L]	Part No.
Flextherm LS-E 300	318	18330
Flextherm LS-E 500	527	18331
Flextherm LS-E 750	741	18332
Flextherm LS-E 1000	953	18333



Flextherm Duo HLS-E (Solar)



Flextherm Duo HLS-E

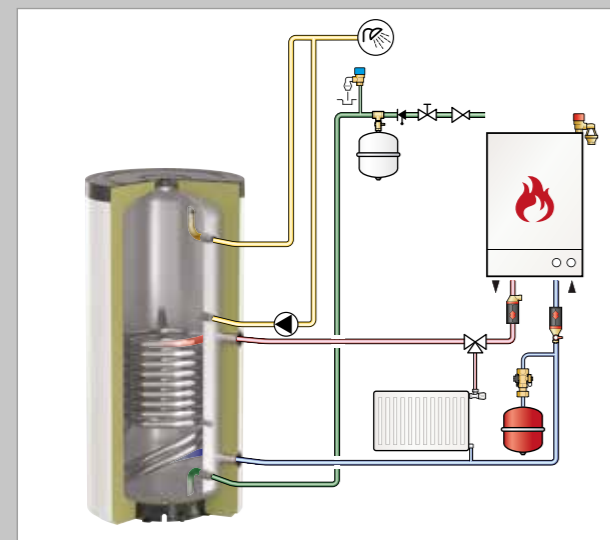
Flextherm Duo HLS-E Solar

- + Indirectly heated water heater that can be combined with all heating installations
- + The fixed coil* with large heat exchange surface guarantees an efficient heat exchange with a short heat up time
- + Provides an easy and large supply of hot water for each type of service. It can be connected to (centralized) heating systems.
- + Available in capacity from 120 to 1000 litres (Flextherm Duo HLS-E Solar 200 - 500 litres)
- + The stainless steel AISI 316L (EN 1.4404) ensures excellent corrosion protection and durability for long life, in addition to top performances
- + Insulation layer made of very thick high-density polyurethane (PU) foam that guarantees excellent insulation
- + Duo HLS-E 750 and 1000 with lateral inspection flange DN 180

Type	Volume [L]	Part No.
Flextherm Duo HLS-E 120	119	18300
Flextherm Duo HLS-E 150	150	18301
Flextherm Duo HLS-E 200	200	18302
Flextherm Duo HLS-E 300	318	18303
Flextherm Duo HLS-E 400	439	18304
Flextherm Duo HLS-E 500	527	18305
Flextherm Duo HLS-E 750	741	18306
Flextherm Duo HLS-E 1000	953	18307

Type	Volume [L]	Part No.
Flextherm Duo HLS-E Solar 200	200	18338
Flextherm Duo HLS-E Solar 300	318	18339
Flextherm Duo HLS-E Solar 400	439	18340
Flextherm Duo HLS-E Solar 500	527	18341

* Flextherm Duo HLS-E Solar with 2 fixed coils



Flextherm WPS-E (Solar)



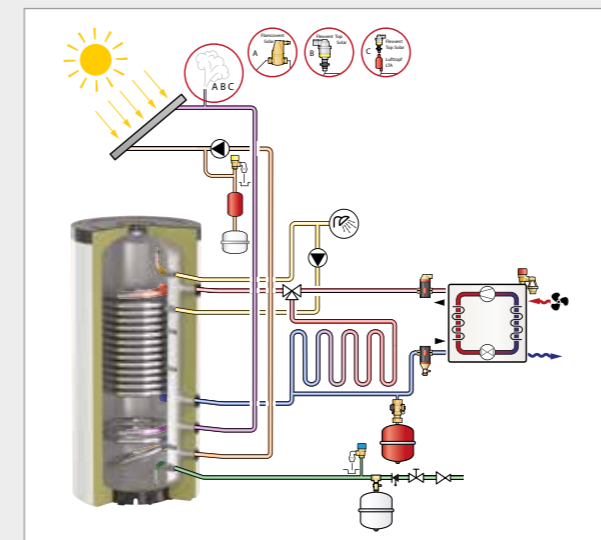
Flextherm WPS-E

Flextherm WPS-E Solar

- + Indirectly heated water heater specially developed for combination with heat pumps
- + The extra large surface area of the fixed heating coil guarantees very efficient potable hot water production
- + Provides an easy and large supply of hot water for each type of service. It can be connected to (centralized) heating systems.
- + Available in capacity from 200 and 300 litres (Flextherm WPS-E Solar 300 and 500 litres)
- + The stainless steel AISI 316L (EN 1.4404) ensures excellent corrosion protection and durability for long life, in addition to top performances
- + Tank is pickled and passivated to keep its corrosion resistance even where mechanical damage occurs, such as scratching or machining
- + Insulation layer made of very thick high-density polyurethane (PU) foam that guarantees excellent insulation

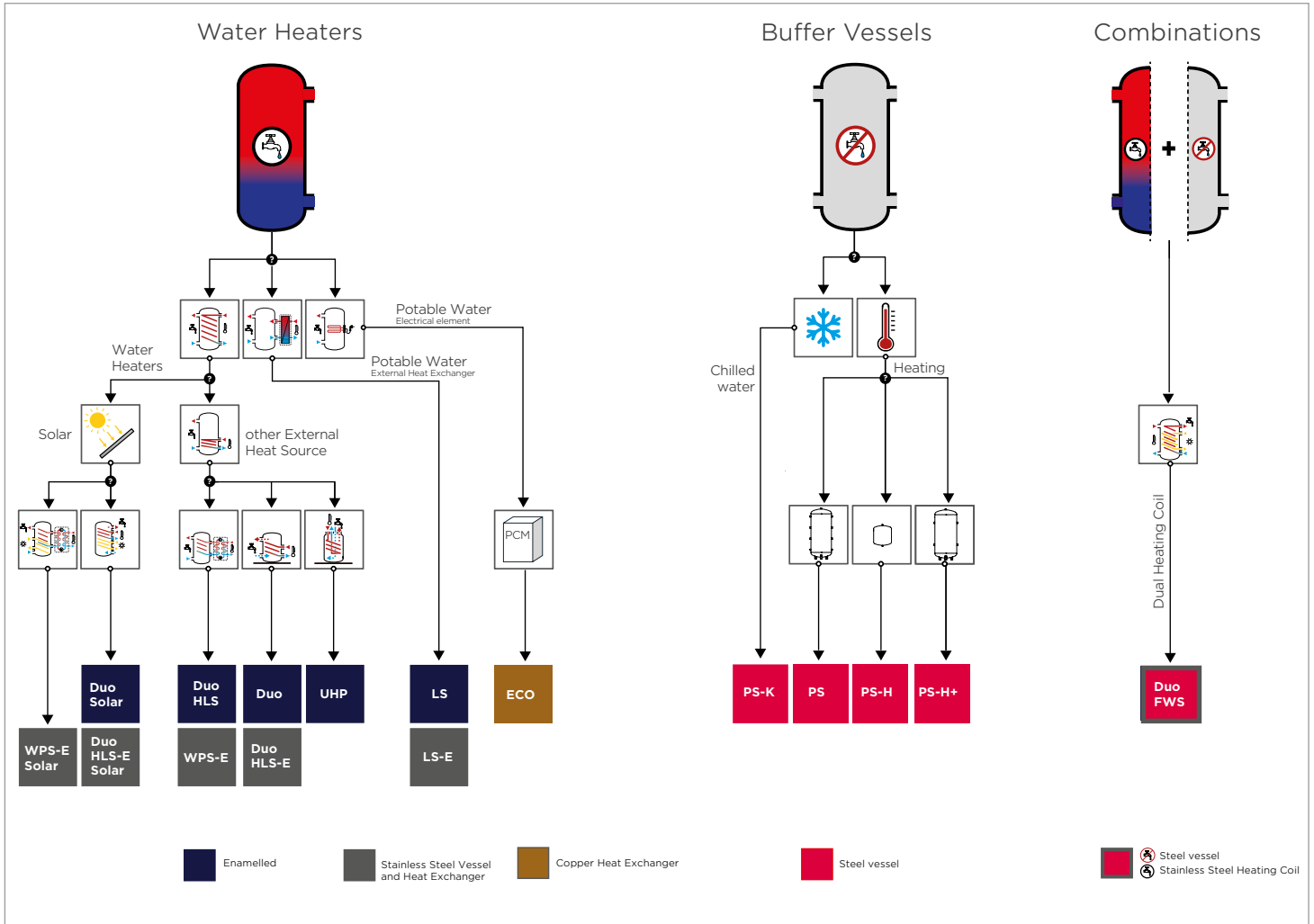
Type	Volume [L]	Part No.
Flextherm WPS-E 200	200	18334
Flextherm WPS-E 300	318	18335

Type	Volume [L]	Part No.
Flextherm WPS-E Solar 300	318	18336
Flextherm WPS-E Solar 500	527	18337



wide range of Water Heaters and Buffer Vessels

Flamco has a very wide range of high-quality direct and indirectly heated hot water cylinders and buffer vessels for drinking water and heating installations, available as enamelled, stainless steel or carbon steel. Made from high quality materials and insulated according to strict environmental guidelines to provide a high heat output, they are very energy efficient. The range includes tap water supply systems and thermal buffer tanks for heating, cooling or combi boiler systems. A revolutionary form of heat storage is available in the form of our Flextherm Eco G2, it is twice as fast and three times as compact with an extremely low standing loss (A+ rating).



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