



**apamet**  
boyler

**KEEP SYSTEM LIFESPAN**

PRODUCT CATALOG

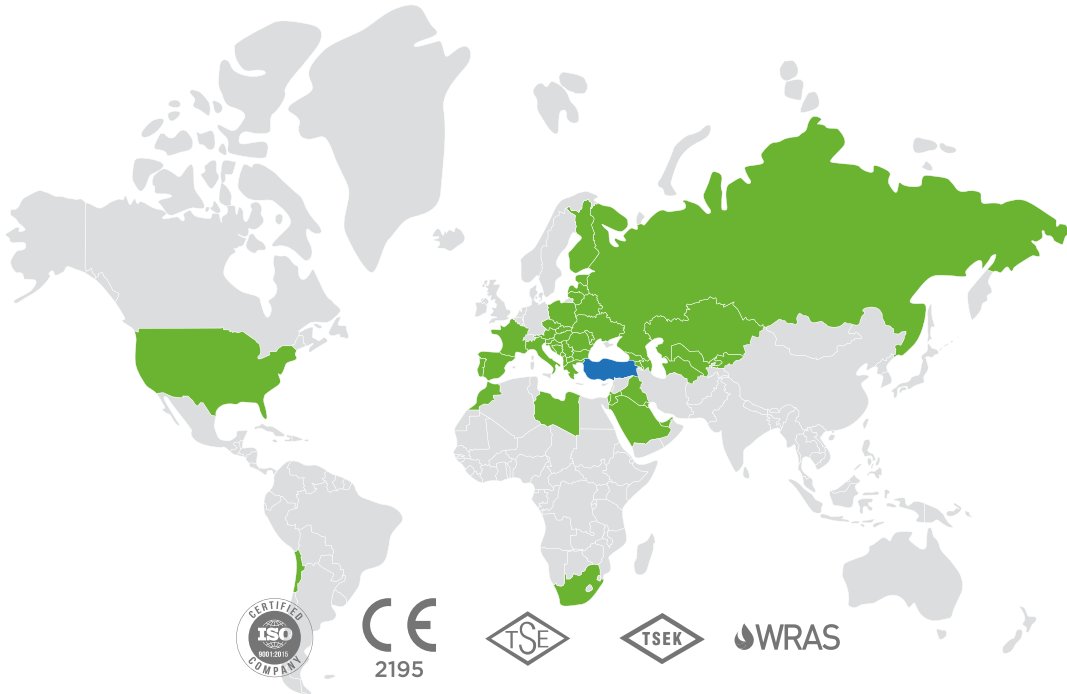
# Welcome to Our Product Catalog

## Introduction

Apaydın Heating and Energy Systems San Tic Ltd Şti, which was established by the Apaydın Family, which has combined its nearly a century old history in business life with the industrial sector in the last 20 years, has a closed area of 6000 m2, produces "DHW TANKS" with enamel, inox inside and polyurethane insulation outside, and a high quality and reasonable price policy is followed in the heat and energy sector

## About Us

APAYDIN Heating Group, which has gained a respectable place among domestic DHW TANKS manufacturers with its high quality, timely delivery and reasonable price policy in the domestic market for a short time, produces 50 LT-3000 LT group enamel coated single/double serpentine vertical DHW TANKS and storage tank, copper DHW TANK, 50LT - 3000LT buffer tanks heating. APAMET DHW TANK products are sold all over Turkey and are also exported to Europe, the Middle East, the Eastern Bloc and North Africa.







- Volume  
100L-3000L
- Maximum Heating Power  
243 kW<sub>n</sub>
- Heat Exchanger Maximum Operating Temperature  
110°C
- Heat Exchanger Maximum Operating Pressure  
8 bar
- Domestic Hot Water Maximum Operating Temperature  
95°C
- Domestic Hot Water Maximum Operating Pressure  
8 bar
- Inner Surface Coating  
Tank inner surface is enamelled (glass-lined) in accordance with DIN 4753-3 standard.

Manufactured in accordance with 2014/68/EU Pressure Equipment Directive, TS EN 13445-3, TS736 and TS EN 12897 standards.



Energy efficiency class **C+**

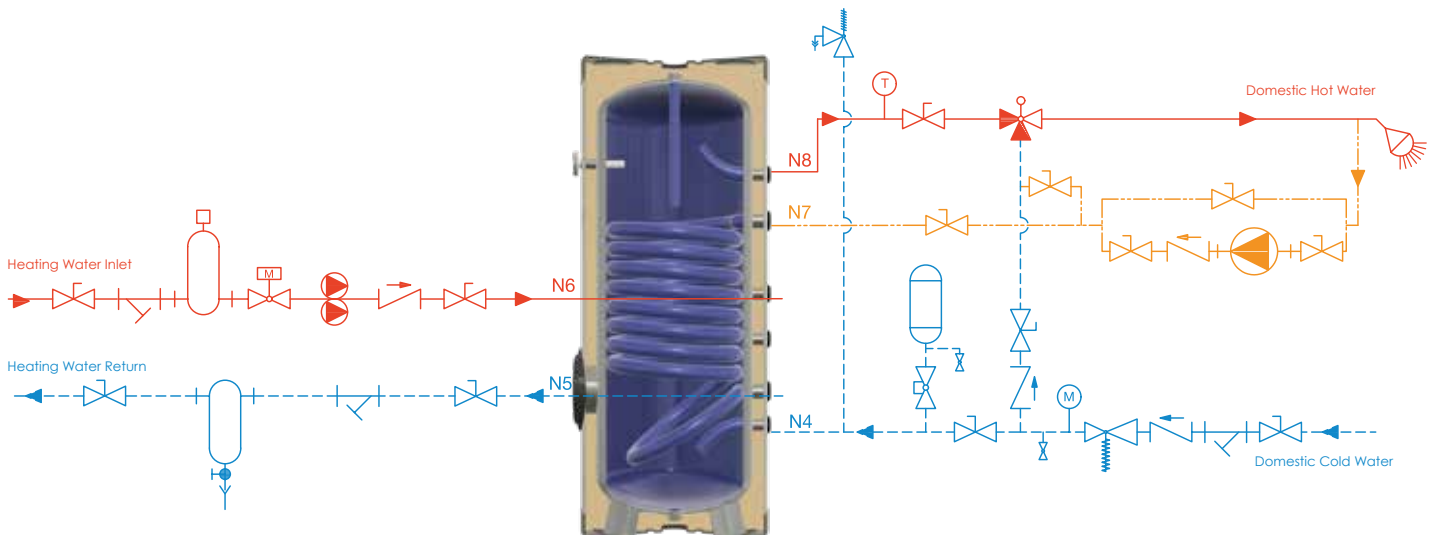


**60°C DHW with the heat pump only**



**8 Bar**  
Rated pressure

## INSTALLATION



		100L-500L	800L-1000L	1500L-2000L	2500L-3000L
COATING INSULATION	PU- 50 mm HCFC-free polyurethane in accordance with the 814/2013 EU ErP Commission Regulations and TS EN 12897 Standards	STD/50 mm	x	x	x
	Soft PU- 50 mm	x	STD / 50mm	STD / 50mm	STD / 50mm
	Vinleks Leather	STD	STD	STD	STD
EQUIPMENT	Thermometer (0°C- 120°C)	1/2"	1/2"	1/2"	1/2"
	Steel Sensor Tube	1/2"	1/2"	1/2"	1/2"
	Cleaning & Control Flange	4"	5"	5"	5"
	Electric Heater	OPS 1 1/4"	OPS/2"	OPS/2"	OPS/2"
CATHODIC PROTECTION	Magnesium Anode	STD	STD	STD	STD
CARRIER ELEMENT	Steel leg system mounted on a palette from 3 different locations	STD	STD	STD	STD
	Circle steel leg system that provides circular floor contact	OPS	OPS	OPS	OPS

Unit

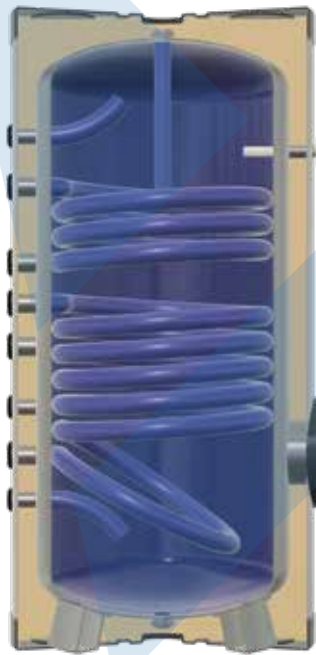
	Unit	100	150	200	300	500	750	1000	1500	2000	3000
Capacity	lt	100	150	200	300	500	750	1000	1500	2000	3000
Insulation Type & Thickness	mm	PU/50	PU/50	PU/50	PU/50	PU/50	SPU/50	SPU/50	SPU/50	SPU/50	SPU/50
Diameter	mm	500	550	600	700	700	850	950	1200	1200	1380
Height	mm	1120	1240	1240	1270	2080	2210	2210	1960	2360	2620
Cleaning & Control Flange Diameter	inch	4"	4"	4"	4"	4"	5"	5"	5"	5"	5"
Electric Heater Connection	inch	1½"	1½"	1½"	1½"	1½"	2"	2"	2"	2"	2"
Thermometer / Steel Sensor Tube Connections	inch/mm	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Domestic Cold Water Inlet Connection	inch	3/4"	3/4"	3/4"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	2"
Heat Exchanger (Coil) Inlet/Outlet Connections	inch	1"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Circulation Return Connection	inch	3/4"	3/4"	3/4"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	2"
Domestic Hot Water Outlet Connection	inch	1"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Magnesium Anode Connection	inch	1½"	1½"	1½"	1½"	1½"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
Gross Weight	kg	52	75	88	98	150	245	260	360	455	735



RAL OPTIONS

Color options for insulations jacket





- Volume  
160L-3000L
- Upper Heat Exchanger Maximum Heating Power  
140 kW
- Lower Heat Exchanger Maximum Heating Power  
185 kW
- Heat Exchanger Maximum Operating Temperature  
110°C
- Heat Exchanger Maximum Operating Pressure  
8 bar
- Domestic Hot Water Maximum Operating Temperature  
95°C
- Domestic Hot Water Maximum Operating Pressure  
8 bar
- Inner Surface Coating  
Tank inner surface is enamelled (glass-lined) in accordance with DIN 4753-3 standard.

Manufactured in accordance with 2014/68/EU Pressure Equipment Directive, TS EN 13445-3, TS736 and TS EN 12897 standards.



Energy efficiency class C+

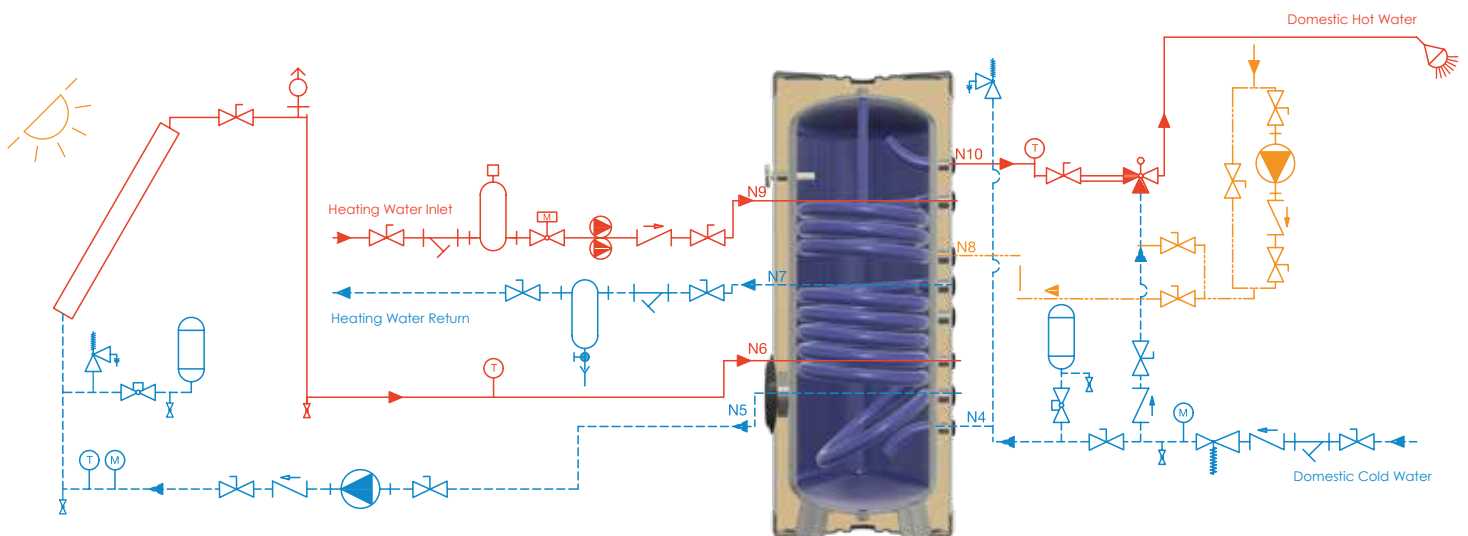


60°C DHW with the heat pump only



8 Bar Rated pressure

## INSTALLATION



		100L-500L	800L-1000L	1500L-2000L	2500L-3000L
COATING INSULATION	PU- 50 mm HCFC-free polyurethane in accordance with the 814/2013 EU ErP Commission Regulations and TS EN 12897 Standards	STD/50 mm	x	x	x
	Soft PU- 50 mm soft polyurethane	x	STD / 50mm	STD / 50mm	STD / 50mm
	Vinleks Leather	STD	STD	STD	STD
	Thermometer (0°C- 120°C)	1/2"	1/2"	1/2"	1/2"
EQUIPMENT	Steel Sensor Tube	1/2"	1/2"	1/2"	1/2"
	Cleaning & Control Flange	4"	5"	5"	5"
	Electric Heater	OPS/1½"	OPS/2"	OPS/2"	OPS/2"
CATHODIC PROTECTION	Magnesium Anode	STD	STD	STD	STD
CARRIER ELEMENT	Steel leg system mounted on a palette from 3 different locations	STD	STD	STD-x	x
	Circle steel leg system that provides circular floor contact	x	x	x-OPS	OPS

	Unit	150	200	300	500	750	1000	1500	2000	3000
Capacity	lt	150	200	300	500	750	1000	1500	2000	3000
Insulation Type & Thickness	mm	PU/50	PU/50	PU/50	PU/50	SPU/50	SPU/50	SPU/50	SPU/50	SPU/50
Diameter	mm	550	600	700	700	850	950	1200	1200	1380
Height	mm	1240	1240	1270	2080	2240	2240	2080	2080	2080
Cleaning & Control Flange Diameter	inch	4"	4"	4"	4"	5"	5"	5"	5"	5"
Electric Heater Connection	inch	1 1/4"	1 1/4"	1 1/4"	2"	2"	2"	2"	2"	2"
Thermometer / Steel Sensor Tube Connections	inch/mm	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Domestic Cold Water Inlet Connection	inch	3/4"	3/4"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	2"
Lower Heat Exchanger (Coil) Inlet/Outlet Connections	inch	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Upper Heat Exchanger (Coil) Inlet/Outlet Connections	inch	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Circulation Return Connection	inch	3/4"	3/4"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	2"
Domestic Hot Water Outlet Connection	inch	3/4"	3/4"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	2"
Magnesium Anode Connection	inch	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
Gross Weight	kg	82	91	104	178	275	290	390	500	805



RAL OPTIONS

Color options for insulations jacket



Volume  
150L-500L

Maximum Heating Power  
147 kW

Heat Exchanger Maximum Operating Temperature  
110°C

Heat Exchanger Maximum Operating Pressure  
8 bar

Domestic Hot Water Maximum Operating Temperature  
95°C

Domestic Hot Water Maximum Operating Pressure  
8 bar

Inner Surface Coating  
Tank inner surface is enamelled (glass-lined) in accordance with DIN 4753-3 standard.

Manufactured in accordance with 2014/68/EU Pressure Equipment Directive, TS EN 13445-3, TS736 and TS EN 12897 standards.



Energy efficiency class **C+**



Solar and PV panels

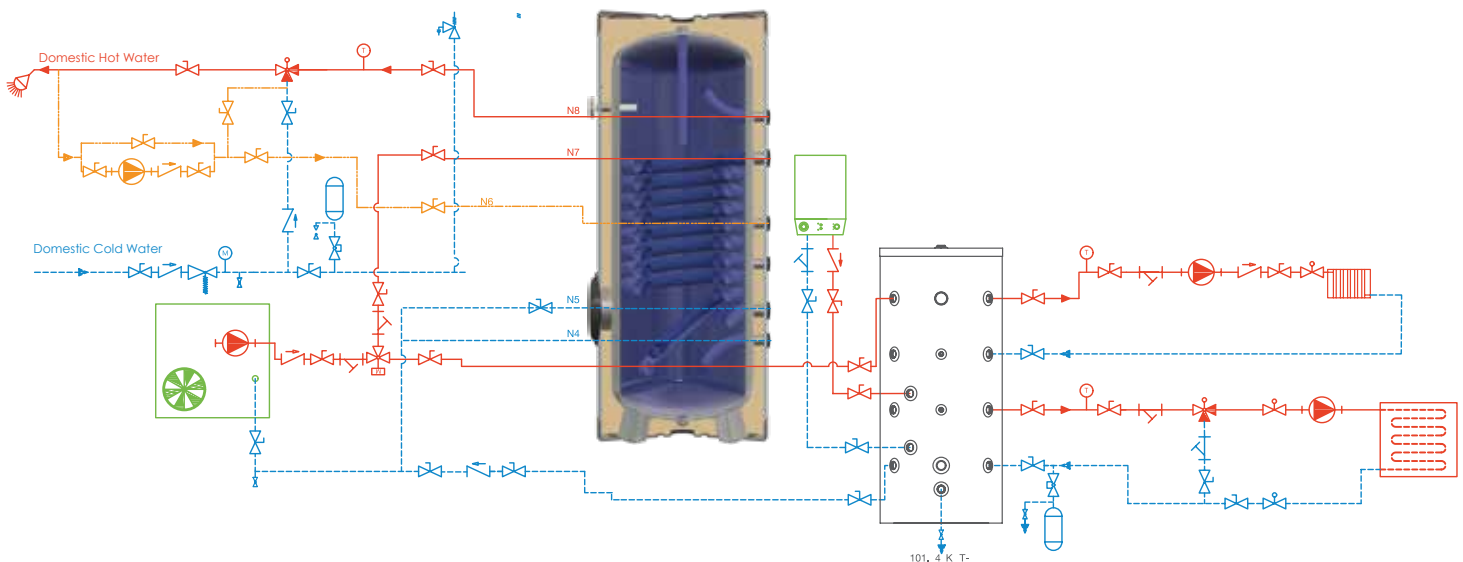


**60°C DHW with the heat pump only**



**8 Bar**  
Rated pressure

## INSTALLATION





		150L	200L	300L	500L
INSULATION	PU- 50 mm HCFC-free polyurethane in accordance with the 814/2013 EU ErP Commission Regulations and TS EN 12897 Standards	STD/50 mm	STD/50 mm	STD/50 mm	STD/50 mm
	Vinleks Leather	STD	STD	STD	STD
EQUIPMENT	Thermometer (0°C- 120°C)	1/2"	1/2"	1/2"	1/2"
	Steel Sensor Tube	1/2"	1/2"	1/2"	1/2"
	Cleaning & Control Flange	4"	4"	4"	4"
	Electric Heater	OPS/1½"	OPS/1½"	OPS/1½"	OPS/1½"
CATHODIC PROTECTION	Magnesium Anode	STD	STD	STD	STD
CARRIER ELEMENT	Steel leg system mounted on a palette from 3 different locations	STD	STD	STD	STD
	Plastic leg system	OPS	OPS	OPS	OPS

	Unit	150L	200L	300L	500L
Capacity	lt	150	200	300	500
Insulation Type & Thickness	mm	PU/50	PU/50	PU/50	PU/50
Diameter	mm	550	600	700	700
Height	mm	1240	1240	1240	2080
Cleaning & Control Flange Diameter	inch	4"	4"	4"	4"
Electric Heater Connection	inch	1 1/4"	1 1/4"	1 1/4"	2"
Thermometer / Steel Sensor Tube Connections	inch/mm	1/2"	1/2"	1/2"	1/2"
Domestic Cold Water Inlet Connection	inch	3/4"	3/4"	1"	1"
Heat Exchanger (Coil) Inlet/Outlet Connections	inch	1"	1"	1"	1"
Circulation Return Connection	inch	3/4"	3/4"	1"	1"
Domestic Hot Water Outlet Connection	inch	3/4"	3/4"	1"	1"
Magnesium Anode Connection	inch	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Surface coil area	m <sup>2</sup>	1.85	2.01	3.18	4.23
Gross Weight	kg	95	100	151	208



RAL OPTIONS

Color options for insulations jacket



- Volume  
200L-500L
- Maximum Heating Power  
218 kW<sub>h</sub>
- Heat Exchanger Maximum Operating Temperature  
110°C
- Heat Exchanger Maximum Operating Pressure  
8 bar
- Domestic Hot Water Maximum Operating Temperature  
95°C
- Domestic Hot Water Maximum Operating Pressure  
8 bar
- Inner Surface Coating  
Tank inner surface is enamelled (glass-lined) in accordance with DIN 4753-3 standard.

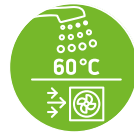
Manufactured in accordance with 2014/68/EU Pressure Equipment Directive, TS EN 13445-3, TS736 and TS EN 12897 standards.



Energy efficiency class **C+**



Solar and PV panels

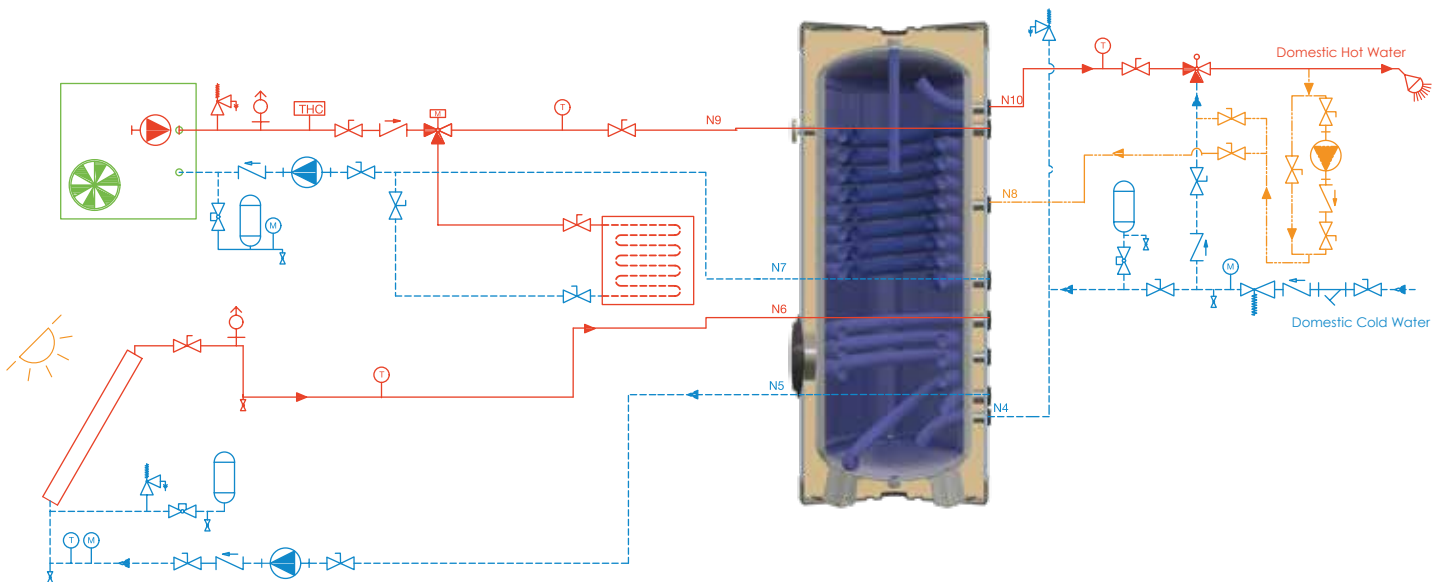


**60°C DHW with the heat pump only**



**8 Bar** Rated pressure

## INSTALLATION



than top of the tank.

		150L	200L	300L	500L
INSULATION	PU- 50 mm HCFC-free polyurethane in accordance with the 814/2013 EU ErP Commission Regulations and TS EN 12897 Standards	STD/50 mm	STD/50 mm	STD/50 mm	STD/50 mm
	COATING	Vinleks Leather	STD	STD	STD
EQUIPMENT	Thermometer (0°C- 120°C)	1/2"	1/2"	1/2"	1/2"
	Steel Sensor Tube	1/2"	1/2"	1/2"	1/2"
	Cleaning & Control Flange	4"	4"	4"	4"
	Electric Heater	OPS/1 1/4"	OPS/1 1/4"	OPS/1 1/4"	OPS/1 1/4"
CATHODIC PROTECTION	Magnesium Anode	STD	STD	STD	STD
	CARRIER ELEMENT	Steel leg system mounted on a palette from 3 different locations	STD	STD	STD
Plastic leg system		OPS	OPS	OPS	OPS

### Unit

	Unit	200	300	500
Capacity	lt	200	300	500
Insulation Type & Thickness	mm	PU/50	PU/50	PU/50
Diameter	mm	600	700	700
Height	mm	1240	1240	2080
Cleaning & Control Flange Diameter	inch	4"	4"	4"
Electric Heater Connection	inch	1 1/4"	1 1/4"	2"
Thermometer / Steel Sensor Tube Connections	inch/mm	1/2"	1/2"	1/2"
Domestic Cold Water Inlet Connection	inch	3/4"	1"	1"
Heat Exchanger (Coil) Inlet/ Outlet Connections	inch	1"	1"	1"
Circulation Return Connection	inch	3/4"	1"	1"
Domestic Hot Water Outlet Connection	inch	3/4"	1"	1"
Magnesium Anode Connection	inch	1 1/4"	1 1/4"	1 1/4"
Surface coil area	m <sup>2</sup>	1.91	2.97	4.02
Gross Weight	kg	100	151	208



RAL OPTIONS

Color options for insulations jacket



Volume  
50L – 3000L

Domestic Hot Water Maximum Operating Temperature  
95°C

Domestic Hot Water Maximum Operating Pressure  
8 Bar

Inner Surface Coating  
Tank inner surface is enamelled (glass-lined) in accordance with DIN 4753-3 standard.

Manufactured in accordance with 2014/68/EU Pressure Equipment Directive, TS EN 13445-3, TS736 and TS EN 12897 standards.



Energy efficiency  
class **C+**

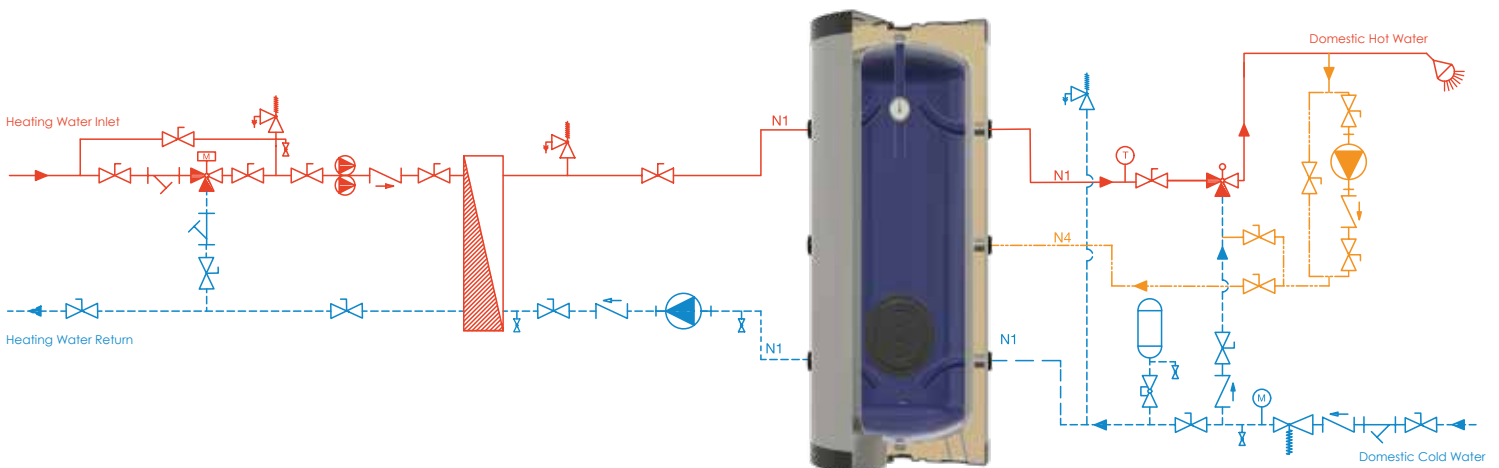


**60°C** DHW with the  
heat pump only



**8 Bar**  
Rated pressure

## INSTALLATION



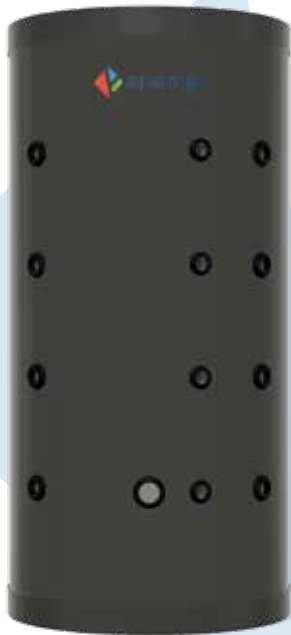
		50L-500L	800L-1000L	1500L-2000L	2500L-3000L
INSULATION	PU- 50 mm HCFC-free polyurethane in accordance with the 814/2013 EU ErP Commission Regulations and TS EN 12897 Standards	STD/50 mm	x	x	x
	Soft PU- 50 mm	x	STD/50 mm	STD/50 mm	STD/50 mm
COATING	Vinleks Leather	STD	STD	STD	STD
EQUIPMENT	Thermometer (0°C- 120°C)	1/2"	1/2"	1/2"	1/2"
	Steel Sensor Tube	1/2"	1/2"	1/2"	1/2"
	Cleaning & Control Flange	4"	5"	5"	5"
	Electric Heater	1 1/4"	2"	2"	2"
CATHODIC PROTECTION	Magnesium Anode	STD	STD	STD	STD
CARRIER ELEMENT	Steel leg system mounted on a palette from 3 different locations	STD	STD	STD	STD
	Plastic leg system	OPS	OPS	OPS	OPS

	Unit												
		50	100	150	200	300	500	750	1000	1500	2000	3000	
Capacity	lit	50	100	150	200	300	500	750	1000	1500	2000	3000	
Insulation Type & Thickness	mm	PU/50	PU/50	PU/50	PU/50	PU/50	PU/50	SPU/50	SPU/50	SPU/50	SPU/50	SPU/50	
Diameter	mm	450	500	550	600	700	700	850	950	1200	1200	1380	
Height	mm	710	1120	1240	1240	1270	2080	2240	2250	2100	2470	2620	
Primary/Secondary Energy Inlet/Outlet Connections	inch	1 1/2"	3/4"	1"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	
Cleaning & Control Flange Diameter	inch	-	4"	4"	4"	4"	4"	5"	5"	5"	5"	5"	
Thermometer / Steel Sensor Tube Connections	inch/mm	-	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	
Circulation Return Connection	inch	-	3/4"	3/4"	3/4"	3/4"	1"	1 1/4"	1 1/2"	1 1/2"	1 1/2"	2"	
Electric Heater Connection	inch	-	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	2"	2"	2"	2"	2"	
Magnesium Anode Connection	inch	1 1/2"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	
Blind Connection	inch	1 1/2"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	
Gross Weight	kg	25	43	53	58	86	125	221	320	415	545	592	



RAL OPTIONS

Color options for insulations jacket



Volume  
50L – 3000L

Domestic Hot Water Maximum Operating  
Temperature  
95°C

Domestic Hot Water Maximum Operating  
Pressure  
6 Bar

Manufactured in accordance with 2014/68/EU Pressure Equipment Directive, TS EN 13445-3, TS736 and TS EN 12897 standards.



Energy efficiency  
**class C+**

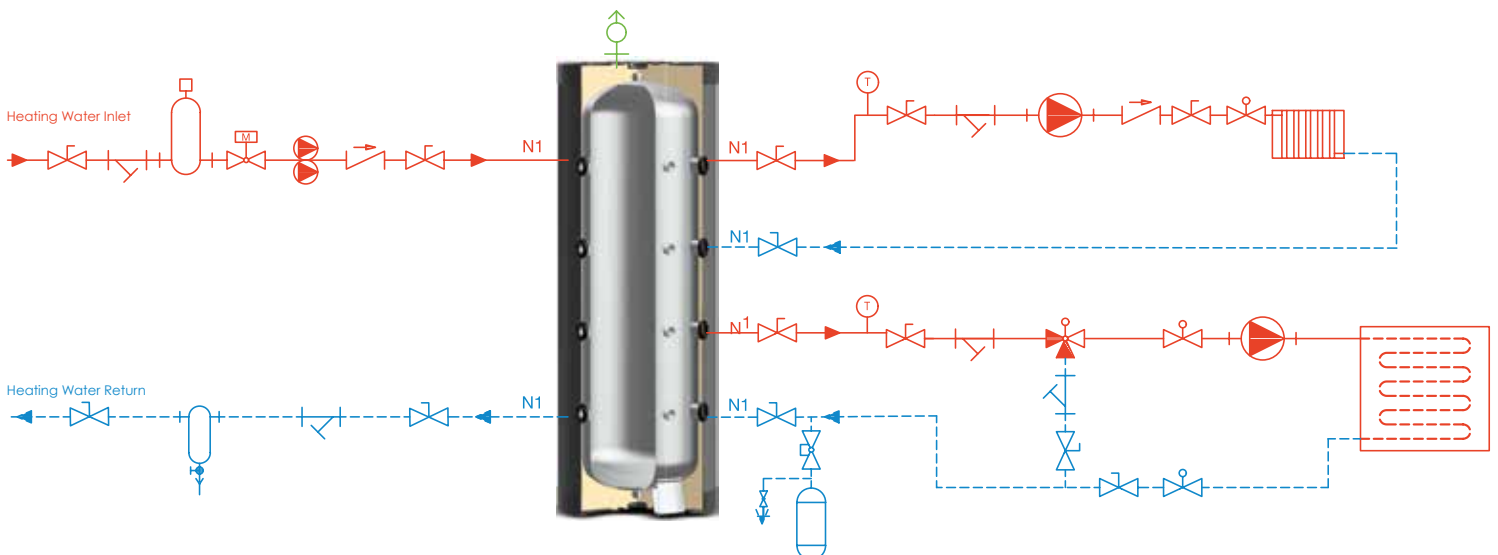


Solar and  
PV panels



6 Bar  
Rated pressure

## INSTALLATION





		50-100L	300-500L	750L-1000L	1500L-2000L	3000L
INSULATION	PU- 50 mm HCFC-free polyurethane in accordance with the 814/2013 EU ErP Commission Regulations and TS EN 12897 Standards	STD/50 mm	STD/50 mm	x	x	x
	Soft PU- 50 mm soft polyurethane	x	x	STD/50 mm	STD/50 mm	STD/50 mm
COATING	Vinleks Leather	STD	STD	STD	STD	STD
EQUIPMENT	Thermometer (0°C- 120°C)	1/2"	1/2"	1/2"	1/2"	1/2"
	Steel Sensor Tube	1/2"	1/2"	1/2"	1/2"	1/2"
	Cleaning & Control Flange	x	x	x	x	x
	Electric Heater	x	OPS 1/2"	OPS/2"	OPS/2"	OPS/2"
	Air Ventilation Connection	1/2"	1/2"	1/2"	1/2"	1/2"
CATHODIC PROTECTION	Magnesium Anode	x	x	x	x	x
CARRIER ELEMENT	Steel leg system mounted on a palette from 3 different locations	STD	STD	STD	STD	STD
	Plastic leg system	OPS	OPS	OPS	OPS	OPS

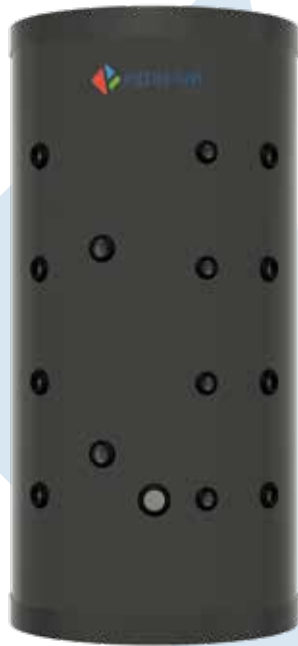
Unit

	lt	50	100	150	200	300	500	750	1000	1500	2000	3000
Capacity	lt	50	100	150	200	300	500	750	1000	1500	2000	3000
Insulation Type & Thickness	mm	PU/50	PU/50	PU/50	PU/50	PU/50	PU/50	SPU/50	SPU/50	SPU/50	SPU/50	SPU/50
Diameter	mm	450	500	550	600	700	700	850	950	1200	1200	1380
Height	mm	710	1120	1240	1240	1270	2080	2240	2250	2100	2470	2620
Primary/Secondary Energy Inlet/Outlet Connections	inch	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"
Cleaning & Control Flange Diameter	inch	-	-	-	-	-	-	-	-	-	-	-
Thermometer / Steel Sensor Tube Connections	inch/mm	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Circulation Return Connection	inch	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"
Electric Heater Connection	inch	OPS	OPS	OPS	OPS	OPS	OPS	OPS	OPS	OPS	OPS	OPS
Magnesium Anode Connection	inch	-	-	-	-	-	-	-	-	-	-	-
Gross Weight	kg	23	40	49	54	80	117	215	309	402	531	582



RAL OPTIONS

Color options for insulations jacket



Volume  
100L – 3000L

Domestic Hot Water Maximum Operating Temperature  
95°C

Domestic Hot Water Maximum Operating Pressure  
6 Bar

Manufactured in accordance with 2014/68/EU Pressure Equipment Directive, TS EN 13445-3, TS736 and TS EN 12897 standards.



Energy efficiency  
**class C+**

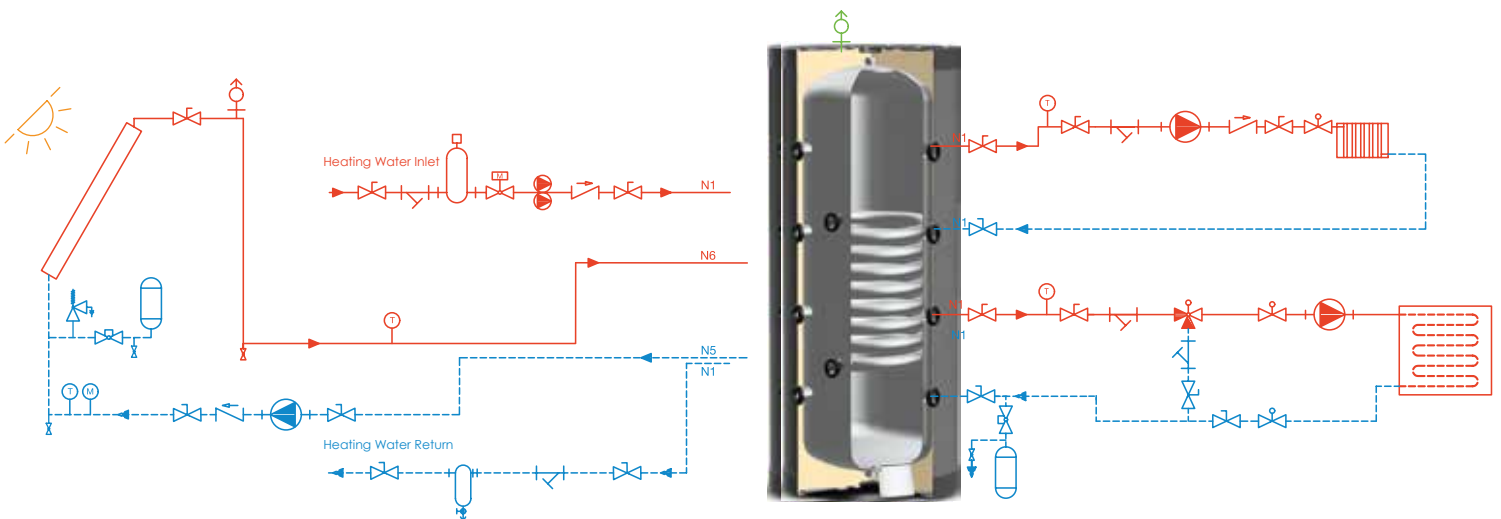


Solar and  
PV panels



6 Bar  
Rated pressure

## INSTALLATION



# APAMET STIL SINGLE COIL BUFFER TANK



		100L-500L	800L-1000L	1500L-2000L	2500L-3000L
INSULATION	PU- 50 mm HCFC-free polyurethane in accordance with the 814/2013 EU ErP Commission Regulations and TS EN 12897 Standards	STD/50 mm	x	x	x
	Soft PU- 50 mm	x	STD / 50mm	STD / 50mm	STD / 50mm
COATING	Vinleks Leather	STD	STD	STD	STD
EQUIPMENT	Thermometer (0°C- 120°C)	1/2"	1/2"	1/2"	1/2"
	Steel Sensor Tube	1/2"	1/2"	1/2"	1/2"
	Electric Heater	OPS/1½"	OPS/2"	OPS/2"	OPS/2"
CATHODIC PROTECTION	Magnesium Anode	STD	STD	STD	STD
CARRIER ELEMENT	Steel leg system mounted on a palette from 3 different locations	STD	STD	STD	STD
	Circle steel leg system that provides circular floor contact	OPS	OPS	OPS	OPS

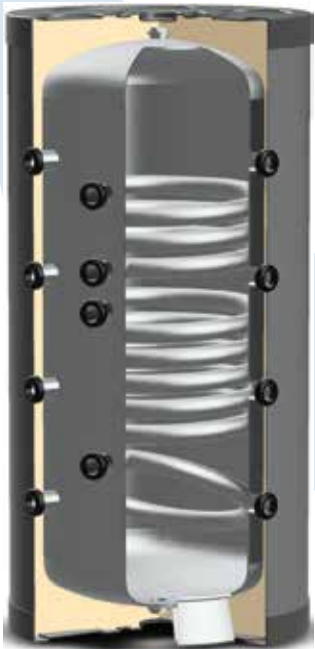
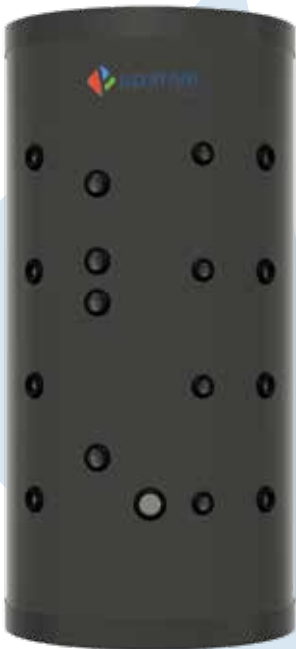
Unit

	Unit	100	150	200	300	500	750	1000	1500	2000	3000
Capacity	lit	100	150	200	300	500	750	1000	1500	2000	3000
Insulation Type & Thickness	mm	PU/50	PU/50	PU/50	PU/50	PU/50	SPU/50	SPU/50	SPU/50	SPU/50	SPU/50
Diameter	mm	500	550	600	700	700	850	950	1200	1200	1380
Height	mm	1120	1240	1240	1270	2080	2210	2210	1960	2360	2620
Cleaning & Control Flange Diameter	inch	-	-	-	-	-	-	-	-	-	-
Electric Heater Connection	inch	1½"	1½"	1½"	1½"	1½"	2"	2"	2"	2"	2"
Thermometer / Steel Sensor Tube Connections	inch/mm	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Domestic Cold Water Inlet Connection	inch	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"
Heat Exchanger (Coil) Inlet/Outlet Connections	inch	1"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Circulation Return Connection	inch	3/4"	3/4"	3/4"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	2"
Domestic Hot Water Outlet Connection	inch	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"
Magnesium Anode Connection	inch	-	-	-	-	-	-	-	-	-	-
Gross Weight	kg	50	70	84	94	145	240	254	354	448	730



RAL OPTIONS

Color options for insulations jacket



Volume  
150L – 3000L

Domestic Hot Water Maximum Operating  
Temperature  
95°C

Domestic Hot Water Maximum Operating  
Pressure  
6 Bar

Manufactured in accordance with 2014/68/EU Pressure Equipment Directive, TS EN 13445-3, TS736 and TS EN 12897 standards.



Energy efficiency  
**class C+**

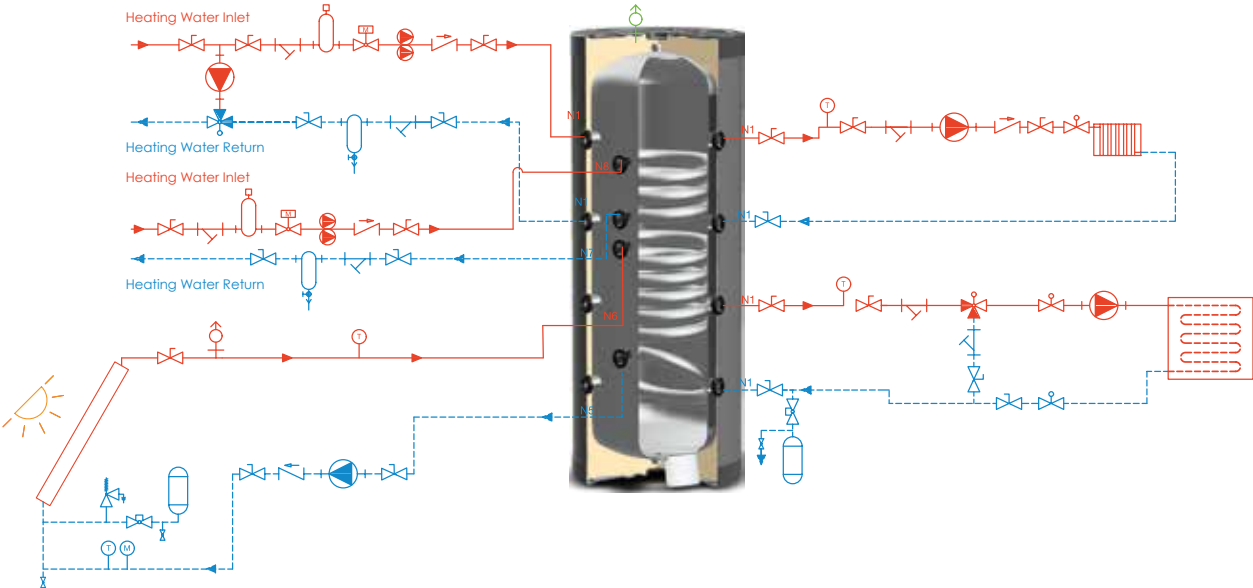


Solar and  
PV panels



6 Bar  
Rated pressure

## INSTALLATION



# APAMET STIL DOUBLE COIL BUFFER TANK



		100L-500L	800L-1000L	1500L-2000L	2500L-3000L
INSULATION	PU- 50 mm HCFC-free polyurethane in accordance with the 814/2013 EU ErP Comission Regulations and TS EN 12897 Standards	STD/50 mm	x	x	x
	Soft PU- 50 mm	x	STD / 50mm	STD / 50mm	STD / 50mm
COATING	Vinleks Leather	STD	STD	STD	STD
EQUIPMENT	Thermometer (0°C- 120°C)	1/2"	1/2"	1/2"	1/2"
	Steel Sensor Tube	1/2"	1/2"	1/2"	1/2"
	Electric Heater	OPS/1½"	OPS/2"	OPS/2"	OPS/2"
CATHODIC PROTECTION	Magnesium Anode	STD	STD	STD	STD
CARRIER ELEMENT	Steel leg system mounted on a palette from 3 different locations	STD	STD	STD	STD
	Circle steel leg system that provides circular floor contact	OPS	OPS	OPS	OPS

	Unit	150	200	300	500	750	1000	1500	2000	3000
Capacity	lt	150	200	300	500	750	1000	1500	2000	3000
Insulation Type & Thickness	mm	PU/50	PU/50	PU/50	PU/50	SPU/50	SPU/50	SPU/50	SPU/50	SPU/50
Diameter	mm	550	600	700	700	850	950	1200	1200	1380
Height	mm	1240	1240	1270	2080	2240	2240	2080	2080	2080
Cleaning & Control Flange Diameter	inch	-	-	-	-	-	-	-	-	-
Electric Heater Connection	inch	1 1/4"	1 1/4"	1 1/4"	2"	2"	2"	2"	2"	2"
Thermometer / Steel Sensor Tube Connections	inch/mm	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Domestic Cold Water Inlet Connection	inch	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"
Lower Heat Exchanger (Coil) Inlet/Outlet Connections	inch	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Upper Heat Exchanger (Coil) Inlet/Outlet Connections	inch	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Circulation Return Connection	inch	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"
Domestic Hot Water Outlet Connection	inch	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"
Magnesium Anode Connection	inch	-	-	-	-	-	-	-	-	-
Gross Weight	kg	82	91	104	178	275	290	390	500	805



RAL OPTIONS

Color options for insulations jacket



Volume  
100L – 5000L

Domestic Hot Water Maximum Operating  
Temperature  
95°C

Domestic Hot Water Maximum Operating  
Pressure  
6 Bar

INOX TYPE  
304-316 OPS

Manufactured in accordance with 2014/68/EU Pressure Equipment Directive, TS EN 13445-3, TS736 and TS EN 12897 standards.



Energy efficiency  
**class C+**

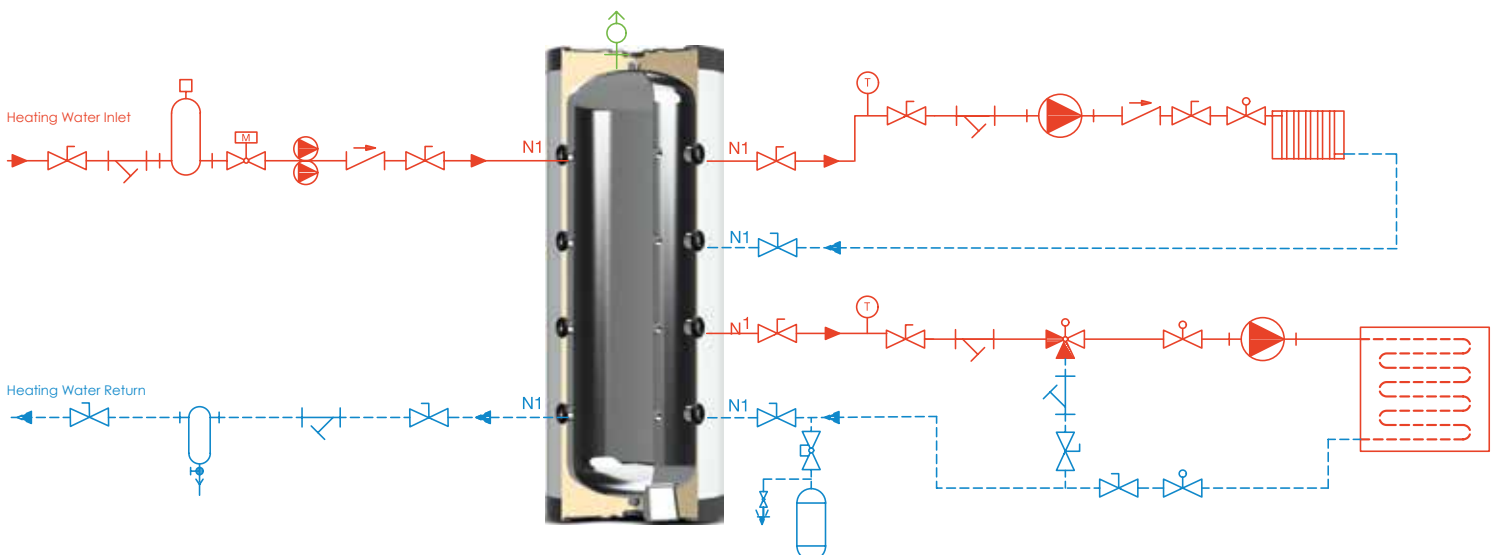


Solar and  
PV panels



6 Bar  
Rated pressure

## INSTALLATION





		50-100L	300-500L	750L-1000L	1500L-2000L	3000L
INSULATION	PU- 50 mm HCFC-free polyurethane in accordance with the 814/2013 EU ErP Commission Regulations and TS EN 12897 Standards	STD/50 mm	STD/50 mm	x	x	x
	Soft PU- 50 mm	x	x	STD/50 mm	STD/50 mm	STD/50 mm
COATING	Vinleks Leather	STD	STD	STD	STD	STD
EQUIPMENT	Thermometer (0°C- 120°C)	1/2"	1/2"	1/2"	1/2"	1/2"
	Steel Sensor Tube	1/2"	1/2"	1/2"	1/2"	1/2"
	Electric Heater	x	OPS 1/2"	OPS/2"	OPS/2"	OPS/2"
	Air Ventilation Connection	1/2"	1/2"	1/2"	1/2"	1/2"
CATHODIC PROTECTION	Magnesium Anode	x	x	x	x	x
CARRIER ELEMENT	Steel leg system mounted on a palette from 3 different locations	STD	STD	STD	STD	STD
	Plastic leg system	OPS	OPS	OPS	OPS	OPS

Unit

	Unit	50	100	150	200	300	500	750	1000	1500	2000	3000
Capacity	lt	50	100	150	200	300	500	750	1000	1500	2000	3000
Insulation Type & Thickness	mm	PU/50	PU/50	PU/50	PU/50	PU/50	PU/50	SPU/50	SPU/50	SPU/50	SPU/50	SPU/50
Diameter	mm	450	500	550	600	700	700	850	950	1200	1200	1380
Height	mm	710	1120	1240	1240	1270	2080	2240	2250	2100	2470	2620
Primary/Secondary Energy Inlet/Outlet Connections	inch	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"
Cleaning & Control Flange Diameter	inch	-	-	-	-	-	-	-	-	-	-	-
Thermometer / Steel Sensor Tube Connections	inch/mm	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Circulation Return Connection	inch	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"
Electric Heater Connection	inch	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	2"	2"	2"	2"	2"
Magnesium Anode Connection	inch	-	-	-	-	-	-	-	-	-	-	-
Gross Weight	kg	23	40	49	54	80	117	215	309	402	531	582



RAL OPTIONS

Color options for insulations jacket



Volume  
100L-3000L

Heat Exchanger Maximum Operating Temperature  
110°C

Heat Exchanger Maximum Operating Pressure  
8 bar

Domestic Hot Water Maximum Operating Temperature  
95°C

Domestic Hot Water Maximum Operating Pressure  
8 bar

INOX TYPE  
304-316 OPS

Manufactured in accordance with 2014/68/EU Pressure Equipment Directive, TS EN 13445-3, TS736 and TS EN 12897 standards.



Energy efficiency class **C+**

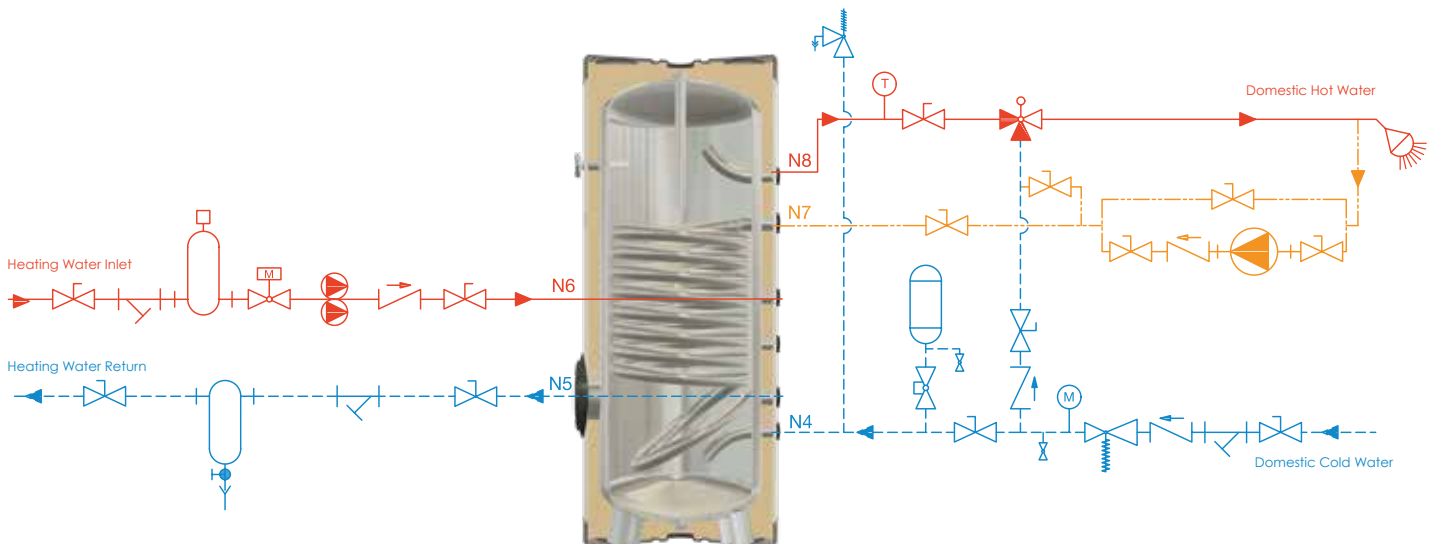


**60°C DHW with the heat pump only**



**8 Bar**  
Rated pressure

## INSTALLATION



		100L-500L	800L-1000L	1500L-2000L	2500L-3000L
INSULATION	PU- 50 mm HCFC-free polyurethane in accordance with the 814/2013 EU ErP Commission Regulations and TS EN 12897 Standards	STD/50 mm	x	x	x
	Soft PU- 50 mm	x	STD / 50mm	STD / 50mm	STD / 50mm
COATING	Vinleks Leather	STD	STD	STD	STD
EQUIPMENT	Thermometer (0°C- 120°C)	1/2"	1/2"	1/2"	1/2"
	Steel Sensor Tube	1/2"	1/2"	1/2"	1/2"
	Cleaning & Control Flange	4"	5"	5"	5"
	Electric Heater	1 1/4"	OPS/2"	OPS/2"	OPS/2"
CATHODIC PROTECTION	Magnesium Anode	x	x	x	x
CARRIER ELEMENT	Steel leg system mounted on a palette from 3 different locations	STD	STD	STD	STD
	Circle steel leg system that provides circular floor contact	OPS	OPS	OPS	OPS

Unit

	Unit	100	150	200	300	500	750	1000	1500	2000	3000
Capacity	lt	100	150	200	300	500	750	1000	1500	2000	3000
Insulation Type & Thickness	mm	PU/50	PU/50	PU/50	PU/50	PU/50	SPU/50	SPU/50	SPU/50	SPU/50	SPU/50
Diameter	mm	500	550	600	700	700	850	950	1200	1200	1380
Height	mm	1120	1240	1240	1270	2080	2210	2210	1960	2360	2620
Cleaning & Control Flange Diameter	inch	4"	4"	4"	4"	4"	5"	5"	5"	5"	5"
Electric Heater Connection	inch	1½"	1½"	1½"	1½"	1½"	2"	2"	2"	2"	2"
Thermometer / Steel Sensor Tube Connections	inch/mm	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Domestic Cold Water Inlet Connection	inch	3/4"	3/4"	3/4"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	2"
Heat Exchanger (Coil) Inlet/Outlet Connections	inch	1"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Circulation Return Connection	inch	3/4"	3/4"	3/4"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	2"
Domestic Hot Water Outlet Connection	inch	1"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Magnesium Anode Connection	inch	1¼"	1¼"	1¼"	1¼"	1¼"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
Gross Weight	kg	52	75	88	98	150	245	260	360	455	735



RAL OPTIONS

Color options for insulations jacket



Volume  
150L-3000L

Heat Exchanger Maximum Operating Temperature  
110°C

Heat Exchanger Maximum Operating Pressure  
8 bar

Domestic Hot Water Maximum Operating Temperature  
95°C

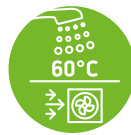
Domestic Hot Water Maximum Operating Pressure  
8 bar

INOX TYPE  
304-316 OPS

Manufactured in accordance with 2014/68/EU Pressure Equipment Directive, TS EN 13445-3, TS736 and TS EN 12897 standards.



Energy efficiency class **C+**

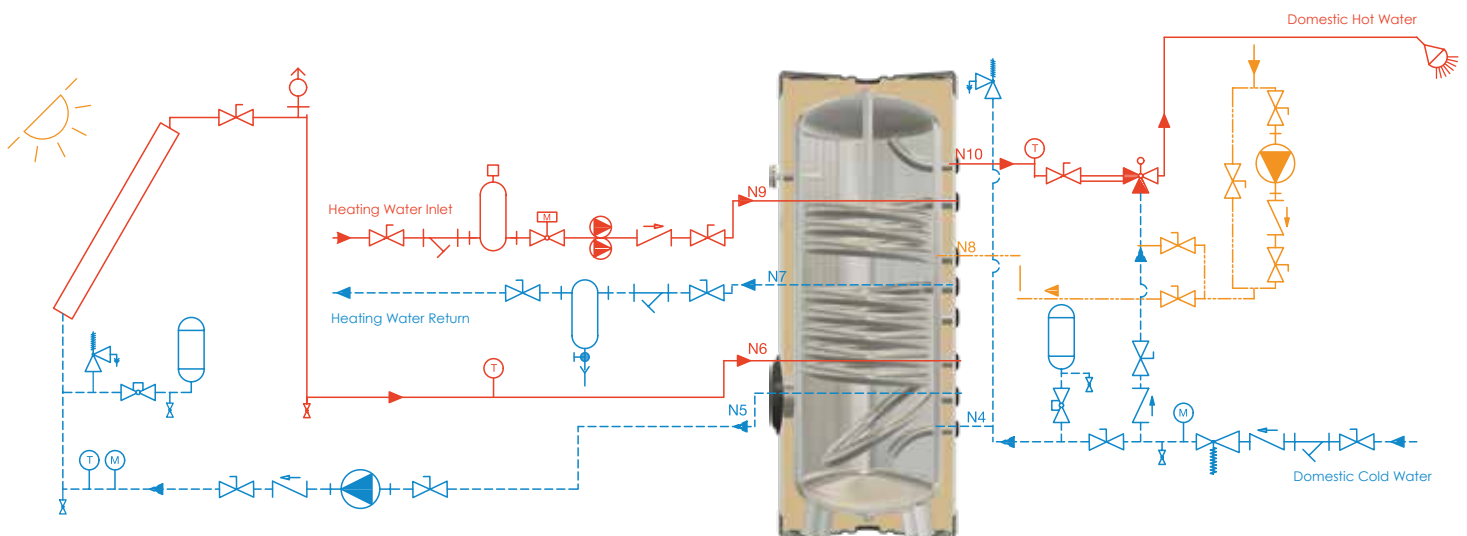


**60°C DHW with the heat pump only**



**8 Bar Rated pressure**

## INSTALLATION



		100L-500L	800L-1000L	1500L-2000L	2500L-3000L
INSULATION	PU- 50 mm HCFC-free polyurethane in accordance with the 814/2013 EU ErP Commission Regulations and TS EN 12897 Standards	STD/50 mm	x	x	x
	Soft PU- 50 mm	x	STD / 50mm	STD / 50mm	STD / 50mm
COATING	Vinleks Leather	STD	STD	STD	STD
EQUIPMENT	Thermometer (0°C- 120°C)	1/2"	1/2"	1/2"	1/2"
	Steel Sensor Tube	1/2"	1/2"	1/2"	1/2"
	Electric Heater	OPS/1½"	OPS/2"	OPS/2"	OPS/2"
CATHODIC PROTECTION	Magnesium Anode	STD	STD	STD	STD
CARRIER ELEMENT	Steel leg system mounted on a palette from 3 different locations	STD	STD	STD-x	x
	Circle steel leg system that provides circular floor contact	x	x	x-OPS	OPS

	Unit	150	200	300	500	750	1000	1500	2000	3000
Capacity	lt	150	200	300	500	750	1000	1500	2000	3000
Insulation Type & Thickness	mm	PU/50	PU/50	PU/50	PU/50	SPU/50	SPU/50	SPU/50	SPU/50	SPU/50
Diameter	mm	550	600	700	700	850	950	1200	1200	1380
Height	mm	1240	1240	1270	2080	2240	2240	2080	2080	2080
Cleaning & Control Flange Diameter	inch	4"	4"	4"	4"	5"	5"	5"	5"	5"
Electric Heater Connection	inch	1 1/4"	1 1/4"	1 1/4"	2"	2"	2"	2"	2"	2"
Thermometer / Steel Sensor Tube Connections	inch/mm	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Domestic Cold Water Inlet Connection	inch	3/4"	3/4"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	2"
Lower Heat Exchanger (Coil) Inlet/Outlet Connections	inch	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Upper Heat Exchanger (Coil) Inlet/Outlet Connections	inch	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Circulation Return Connection	inch	3/4"	3/4"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	2"
Domestic Hot Water Outlet Connection	inch	3/4"	3/4"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	2"
Magnesium Anode Connection	inch	1/4"	1/4"	1/4"	1/4"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
Gross Weight	kg	82	91	104	178	275	290	390	500	805



RAL OPTIONS

Color options for insulations jacket

# APAMET

## RETRO SERIES







# APAMET

## RETRO SERIES

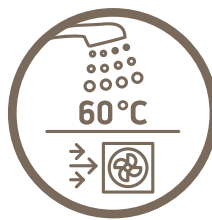
SINGLE&DOUBLE  
DHW TANKS



BUFFER  
TANKS




HEAT PUMP  
TANKS



- EXTRA PROTECT
- 4 RAL OPTIONAL
- EXTRA UV PROTECT

- POWDER PAINTING
- OUTSIDE DURABLE
- AESTHETIC DESING

# SYMBOLS

					
Two-Way Motorized Valve	Heat Exchanger	Pump	Water Hammer Arrestor	Air Separator	Strainer
					
District Heating System	Drain Valve	Twin-Head Pump	Thermostatic Outlet Ball Valve	Dirt Separator	Condensing Boiler System
					
Two Way Thermostatic Valve	Shut Off Valve	Heat Meter	Combi System	Membrane Expansion Tank	Pressure Relief Valve
					
Underfloor Heating System	Cascade System	Cold Water Flow Meter	Flow Sensor	Radiator or Underfloor Heating System	Bypass Valve
					
Filling Valve	Check Valve	Flow Limiter	Pressure Gauge	Three-Way Modulating Motorized Valve	Solar Panel
					
Ball Valve	Pressure Release Valve	Thermometer	Cable Terminal Box	Radiator Heating System	Heat Pump System
					
Differential Pressure Regulating Valve	Safety Thermostat	Air Relief Cock	Three Way Thermostatic Valve	Boiler System	Usage Area





**apamet**  
boyler



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