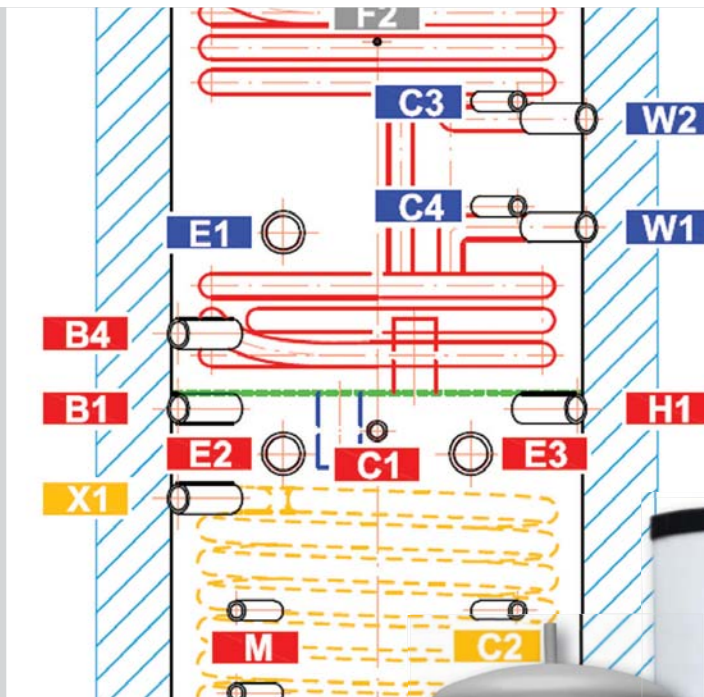


HSK Thermal Stores



- **stainless-steel immersed DHW heat exchanger**
- **separating metal sheet**
- **350-1700 l**

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- Thermal Store of reduced height
with stainless-steel immersed DHW heat exchanger**
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with stainless-steel immersed DHW heat exchanger
and solar heat exchanger**
- 6** HSK 400 PR+
- Thermal Store
with stainless-steel immersed DHW heat exchanger**
- 7** HSK 390 P
- 8** HSK 600 P
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- Thermal Store
with 2 stainless-steel immersed DHW heat exchangers**
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THERMAL STORE OF REDUCED HEIGHT WITH STAINLESS-STEEL IMMERSED DHW HEAT EXCHANGER

HSK 350 K P-B

Tank code: 18628

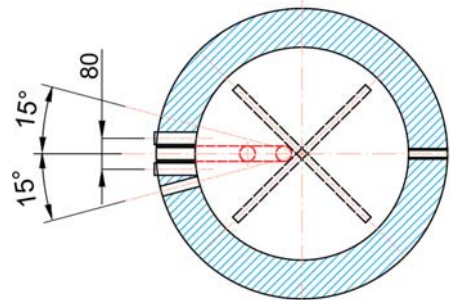
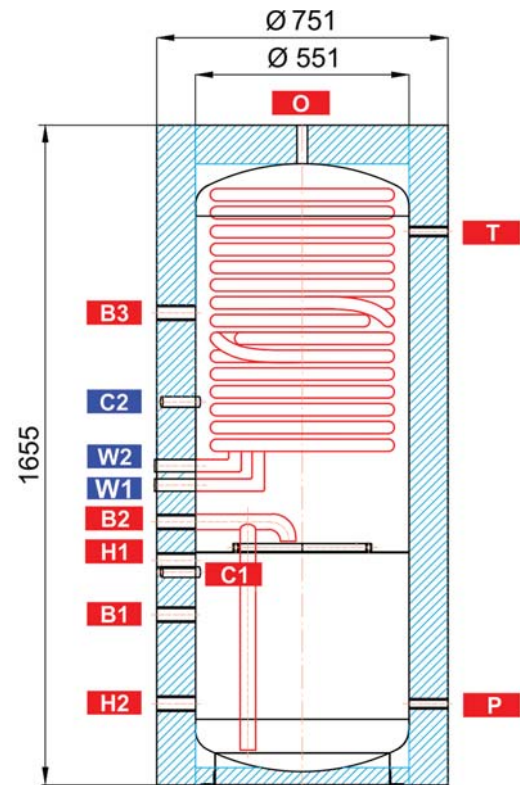
Insulation code: 18837

TECHNICAL DATA:

TOTAL TANK VOLUME	340 l
MAX. WORKING PRESSURE IN THERMAL STORE	4 bar
TIPPING HEIGHT WITHOUT INSULATION	1740 mm
DHW HEAT EXCHANGERS	
DHW HEAT EXCHANGERS VOLUME - above / below the sheet	21 / -- l
MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS	10 bar
DHW HEAT EXCHANGERS SURFACE AREA - above /below the sheet	6 / -- m ²
VOLUME OF SUPPLIED DHW (heated from 10°C to 40°C, at 8 l/min. flow rate and 60°C temperature in thermal store)	229 l

CONNECTIONS:

pos.	descriptions	connec- tion	height [mm]
HEAT SOURCES			
B1	Incoming from heat source	G 1" F	390
B2	Return to heat source	G 1" F	630
B3	Incoming from heat source	G 1" F	1170
HEATING SYSTEM			
H1	Outgoing to heating system	G 1" F	530
H2	Return from heating system	G 1" F	210
DHW HEATING			
W1	Cold water	G 1" F	725
W2	Hot water	G 1" F	775
CONTROL & SAFETY			
C1	Temperature sensor	G 1/2" F	500
C2	Temperature sensor	G 1/2" F	940
T	Thermometer	G 1/2" F	1380
P	Safety valve	G 1/2" F	210
OTHER			
O	Air vent valve	G 1/2" F	1655



Energy Efficiency Class of the thermal store with insulation - C.
For more information please consult Data Sheets on our website.

THERMAL STORE WITH STAINLESS-STEEL IMMERSED DHW HEAT EXCHANGER

HSK 400 P+

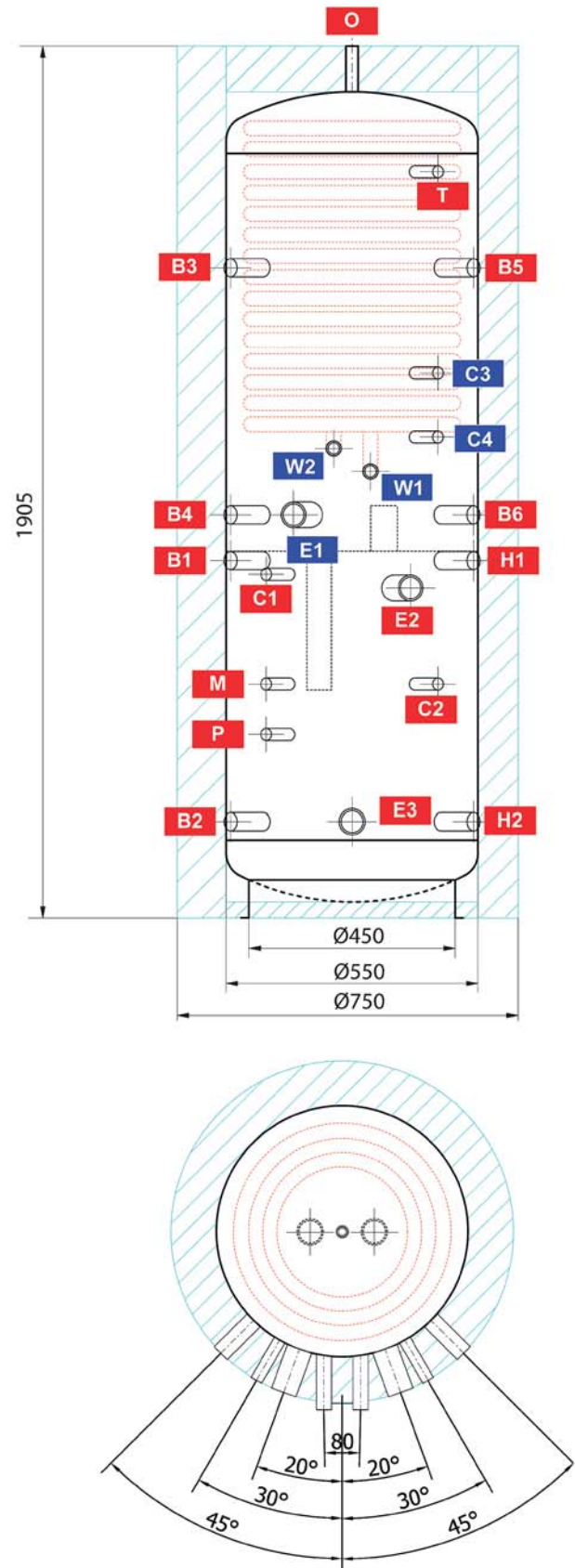
Tank code: 19607
Insulation code: 19609

TECHNICAL DATA:

TOTAL TANK VOLUME	408l
MAX. WORKING PRESSURE IN THERMAL STORE	4 bar
TIPPING HEIGHT WITHOUT INSULATION	1940 mm
HEATING ELEMENT MAX. LENGTH	555 mm
DHW HEAT EXCHANGERS	
DHW HEAT EXCHANGERS VOLUME - above / below the sheet	21 / -- l
MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS	10 bar
DHW HEAT EXCHANGERS SURFACE AREA - above /below the sheet	6 / -- m ²
VOLUME OF SUPPLIED DHW (heated from 10°C to 40°C, at 8 l/min. flow rate and 60°C temperature in thermal store)	321l

CONNECTIONS:

pos.	descriptions	connec- tion	height [mm]
HEAT SOURCES			
B1	Incoming from heat source	G 1" F	780
B2	Return to heat source	G 1" F	210
B3	Incoming from heat source	G 1" F	1420
B4	Return to heat source	G 1" F	880
B5	Incoming from heat source	G 1" F	1420
B6	Return to heat source	G 1" F	880
HEATING SYSTEM			
H1	Outgoing to heating system	G 1" F	780
H2	Return from heating system	G 1" F	210
ELECTRIC HEATING ELEMENTS			
E1	Electric heating element for DHW	G 6/4" F	880
E2	Electric heating element for heating	G 6/4" F	720
E3	Electric heating element of PV system	G 6/4" F	210
DHW HEATING			
W1	Cold water	G 1" M	975
W2	Hot water	G 1" M	1025
CONTROL & SAFETY			
C1	Temperature sensor	G 1/2" F	750
C2	Temperature sensor	G 1/2" F	510
C3	Temperature sensor	G 1/2" F	1190
C4	Temperature sensor	G 1/2" F	1050
T	Thermometer	G 1/2" F	1630
M	Pressure gauge	G 1/2" F	510
P	Safety valve	G 1/2" F	400
AIR RELEASE			
O	Air vent valve	G 1/2" F	1905



Energy Efficiency Class of the thermal store with insulation - C.
For more information please consult Data Sheets on our website.

THERMAL STORE WITH STAINLESS-STEEL IMMERSED DHW HEAT EXCHANGER AND SOLAR HEAT EXCHANGER

HSK 400 PR+

Tank code: 19610
Insulation code: 19612

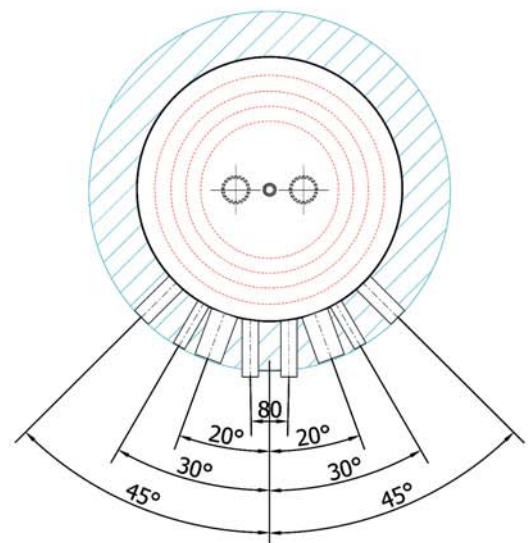
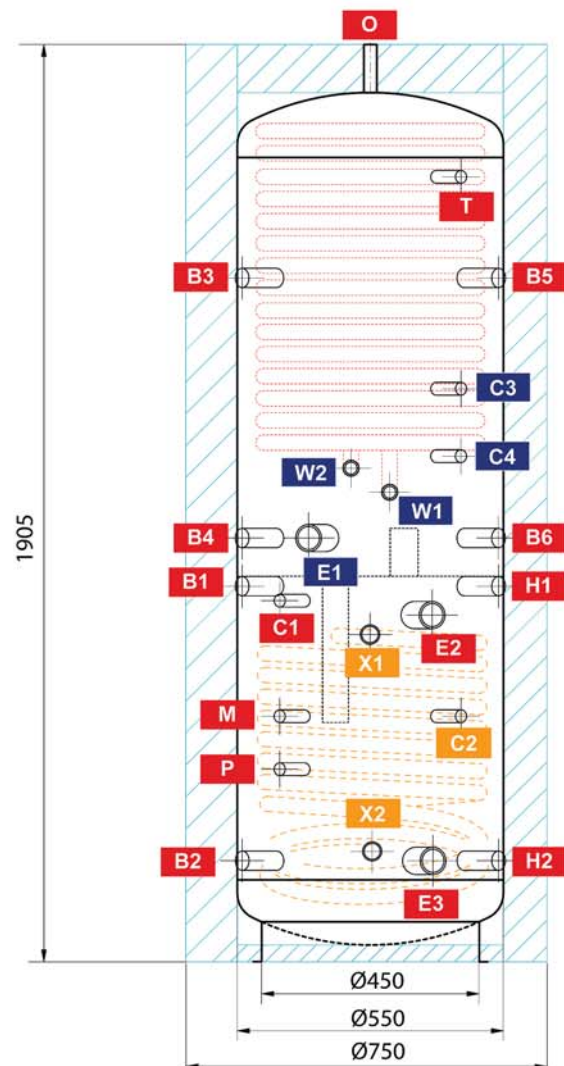
TECHNICAL DATA:

TOTAL TANK VOLUME	404l
MAX. WORKING PRESSURE IN THERMAL STORE	4 bar
TIPPING HEIGHT WITHOUT INSULATION	1940 mm
HEATING ELEMENT MAX. LENGTH	555 mm
DHW HEAT EXCHANGERS	
DHW HEAT EXCHANGERS VOLUME - above /below the sheet	21 / -- l
MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS	10 bar
DHW HEAT EXCHANGERS SURFACE AREA - above /below the sheet	6 / -- m ²
VOLUME OF SUPPLIED DHW (heated from 10°C to 40°C, at 8 l/min. flow rate and 60°C temperature in thermal store)	321l
SOLAR HEAT EXCHANGER	
SOLAR HEAT EXCHANGER VOLUME	9l
MAX. WORKING PRESSURE IN HEAT EXCHANGER	10 bar
SOLAR HEAT EXCHANGER SURFACE AREA	1.5 m ²

CONNECTIONS:

pos.	descriptions	connec- tion	height [mm]
HEAT SOURCES			
B1	Incoming from heat source	G 1" F	780
B2	Return to heat source	G 1" F	210
B3	Incoming from heat source	G 1" F	1420
B4	Return to heat source	G 1" F	880
B5	Incoming from heat source	G 1" F	1420
B6	Incoming from heat source	G 1" F	880
HEATING SYSTEM			
H1	Outgoing to heating system	G 1" F	780
H2	Return from heating system	G 1" F	210
SOLAR THERMAL SYSTEM			
X1	Incoming from solar collectors	G 1" F	680
X2	Return to solar collectors	G 1" F	230
ELECTRIC HEATING ELEMENTS			
E1	Electric heating element for DHW	G 6/4" F	880
E2	Electric heating element for heating	G 6/4" F	720
E3	Electric heating element of PV system	G 6/4" F	210
DHW HEATING			
W1	Cold water	G 1" M	975
W2	Hot water	G 1" M	1025
CONTROL & SAFETY			
C1	Temperature sensor	G 1/2" F	750
C2	Temperature sensor	G 1/2" F	510
C3	Temperature sensor	G 1/2" F	1190
C4	Temperature sensor	G 1/2" F	1050
T	Thermometer	G 1/2" F	1630
M	Pressure gauge	G 1/2" F	510
P	Safety valve	G 1/2" F	400
AIR RELEASE			
O	Air vent valve	G 1/2" F	1905

For more information please consult Data Sheets on our website.



THERMAL STORE WITH STAINLESS-STEEL IMMERSED DHW HEAT EXCHANGER

HSK 390 P

Tank code: 13517

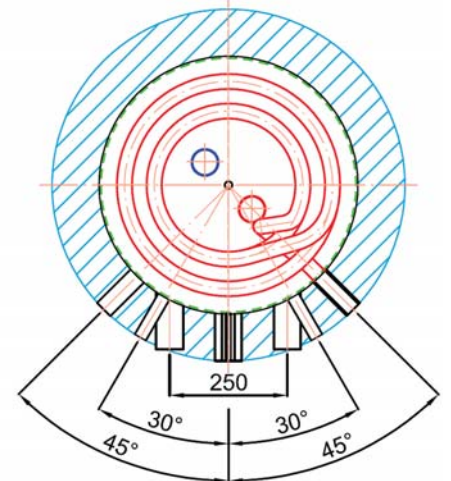
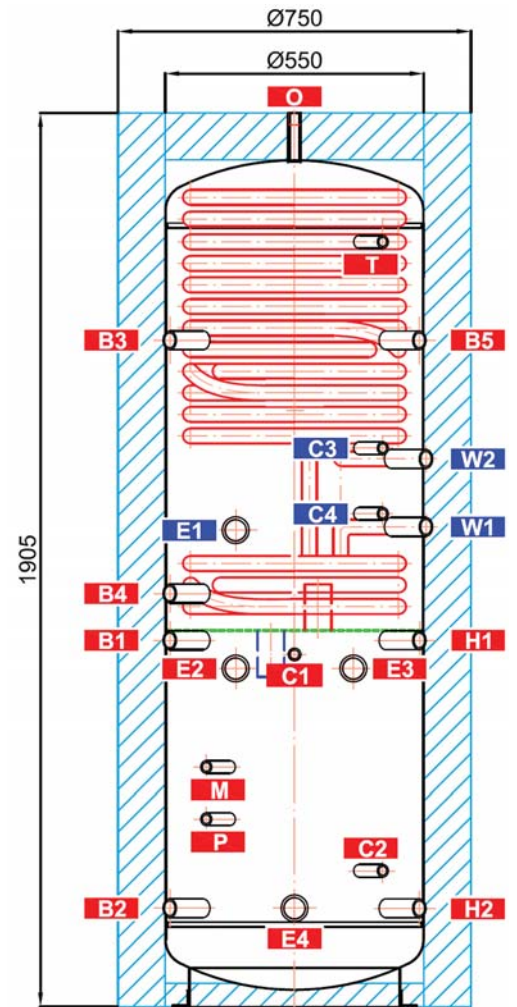
Insulation code: 18722

TECHNICAL DATA:

TOTAL TANK VOLUME	398 l
MAX. WORKING PRESSURE IN THERMAL STORE	4 bar
TIPPING HEIGHT WITHOUT INSULATION	1940 mm
MAX. HEATING ELEMENT LENGTH	555 mm
DHW HEAT EXCHANGERS	
DHW HEAT EXCHANGERS VOLUME - above / below the sheet	21 / -- l
MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS	10 bar
DHW HEAT EXCHANGERS SURFACE AREA - above /below the sheet	6 / -- m ²
VOLUME OF SUPPLIED DHW (heated from 10°C to 40°C, at 8 l/min. flow rate and 60°C temperature in thermal store)	321 l

CONNECTIONS:

pos.	descriptions	connec- tion	height [mm]
HEAT SOURCES			
B1	Incoming from heat source	G 1" F	780
B2	Return to heat source	G 1" F	210
B3	Incoming from heat source	G 1" F	1420
B4	Return to heat source	G 1" F	880
B5	Incoming from heat source	G 1" F	1420
HEATING SYSTEM			
H1	Outgoing to heating system	G 1" F	780
H2	Return from heating system	G 1" F	210
ELECTRIC HEATING ELEMENTS			
E1	Electric heating element for DHW	G 6/4" F	1015
E2	Electric heating element for heating	G 6/4" F	720
E3	Electric heating element of PV system	G 6/4" F	210
DHW HEATING			
W1	Cold water	G 1" M	1022
W2	Hot water	G 1" M	1167
CONTROL & SAFETY			
C1	Temperature sensor	G 1/2" F	750
C2	Temperature sensor	G 1/2" F	290
C3	Temperature sensor	G 1/2" F	1190
C4	Temperature sensor	G 1/2" F	1050
T	Thermometer	G 1/2" F	1630
M	Pressure gauge	G 1/2" F	510
P	Safety valve	G 1/2" F	400
AIR RELEASE			
O	Air vent valve	G 1/2" F	1905



Energy Efficiency Class of the thermal store with insulation - C.
For more information please consult Data Sheets on our website.

THERMAL STORE WITH STAINLESS-STEEL IMMERSED DHW HEAT EXCHANGER

HSK 600 P

Tank code: 14175

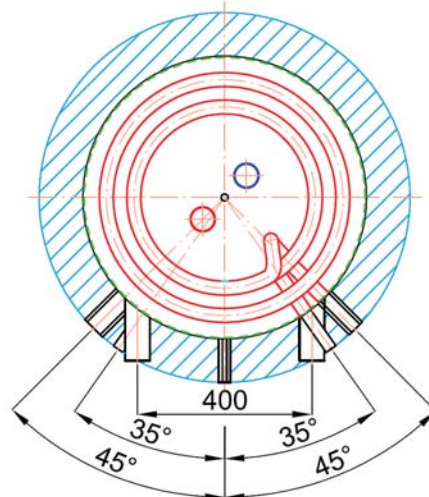
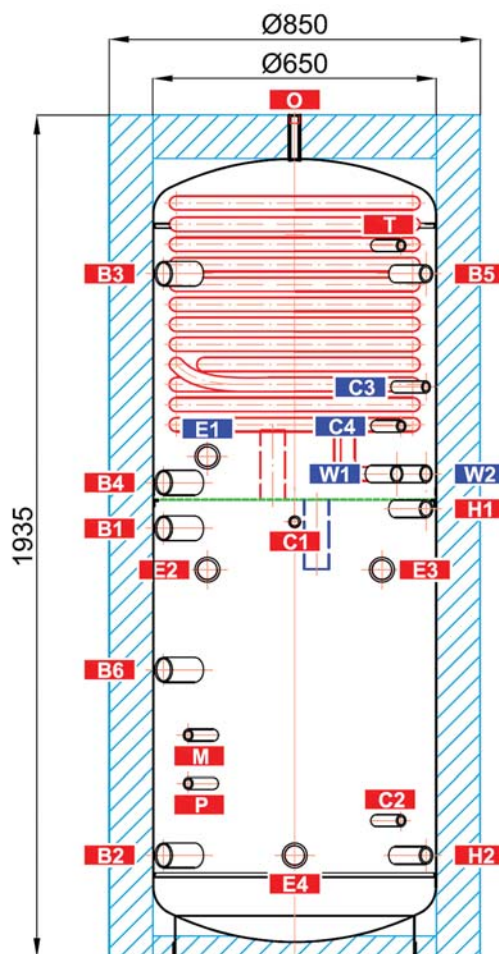
Insulation code: 18724

TECHNICAL DATA:

TOTAL TANK VOLUME	560l
MAX. WORKING PRESSURE IN THERMAL STORE	4 bar
TIPPING HEIGHT WITHOUT INSULATION	1970 mm
MAX. HEATING ELEMENT LENGTH	555 mm
DHW HEAT EXCHANGERS	
DHW HEAT EXCHANGERS VOLUME - above / below the sheet	21 / -- l
MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS	10 bar
DHW HEAT EXCHANGERS SURFACE AREA - above /below the sheet	6 / -- m ²
VOLUME OF SUPPLIED DHW (heated from 10°C to 40°C, at 8 l/min. flow rate and 60°C temperature in thermal store)	468l

CONNECTIONS:

pos.	descriptions	connec- tion	height [mm]
HEAT SOURCES			
B1	Incoming from heat source	G 6/4" F	985
B2	Return to heat source	G 6/4" F	235
B3	Incoming from heat source	G 6/4" F	1570
B4	Return to heat source	G 6/4" F	1090
B5	Incoming from heat source	G 1" F	1570
B6	Incoming from heat source	G 6/4" F	660
HEATING SYSTEM			
H1	Outgoing to heating system	G 1" F	1030
H2	Return from heating system	G 1" F	235
ELECTRIC HEATING ELEMENTS			
E1	Electric heating element for DHW	G 6/4" F	1150
E2	Electric heating element for heating	G 6/4" F	890
E3	Electric heating element for heating	G 6/4" F	890
E4	Electric heating element of PV system	G 6/4" F	235
DHW HEATING			
W1	Cold water	G 1" M	970
W2	Hot water	G 1" M	970
CONTROL & SAFETY			
C1	Temperature sensor	G 1/2" F	1000
C2	Temperature sensor	G 1/2" F	315
C3	Temperature sensor	G 1/2" F	1310
C4	Temperature sensor	G 1/2" F	1220
T	Thermometer	G 1/2" F	1635
M	Pressure gauge	G 1/2" F	510
P	Safety valve	G 1/2" F	400
AIR RELEASE			
O	Air vent valve	G 1/2" F	1935



For more information please consult Data Sheets on our website.

THERMAL STORE WITH STAINLESS-STEEL IMMERSED DHW HEAT EXCHANGER

HSK 750 P

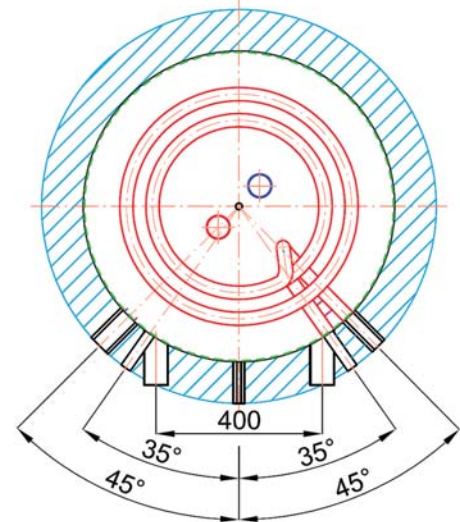
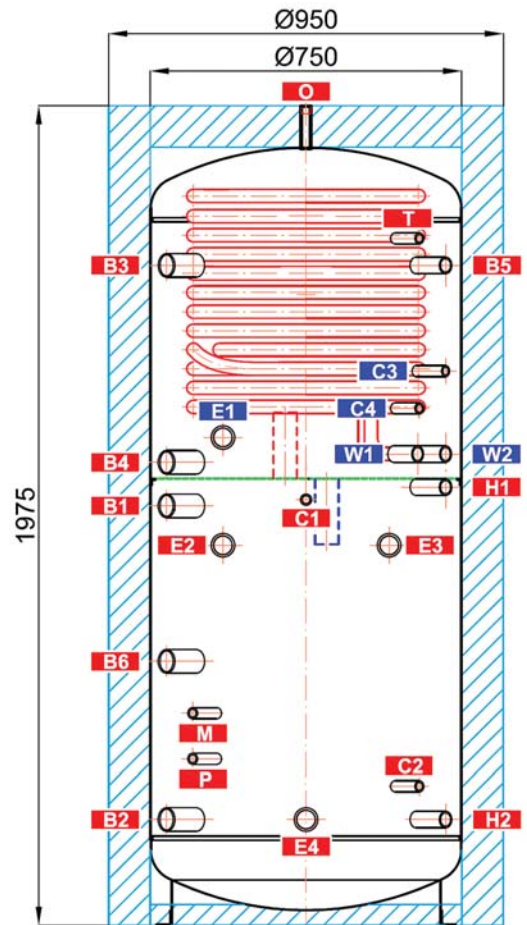
Tank code: 14178
Insulation code: 18840

TECHNICAL DATA:

TOTAL TANK VOLUME	760 l
MAX. WORKING PRESSURE IN THERMAL STORE	4 bar
TIPPING HEIGHT WITHOUT INSULATION	2030 mm
MAX. HEATING ELEMENT LENGTH	700 mm
DHW HEAT EXCHANGERS	
DHW HEAT EXCHANGERS VOLUME - above / below the sheet	21 / -- l
MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS	10 bar
DHW HEAT EXCHANGERS SURFACE AREA - above /below the sheet	6 / -- m ²
VOLUME OF SUPPLIED DHW (heated from 10°C to 40°C, at 8 l/min. flow rate and 60°C temperature in thermal store)	548 l

CONNECTIONS:

pos.	descriptions	connec- tion	height [mm]
HEAT SOURCES			
B1	Incoming from heat source	G 6/4" F	1010
B2	Return to heat source	G 6/4" F	255
B3	Incoming from heat source	G 6/4" F	1590
B4	Return to heat source	G 6/4" F	1115
B5	Incoming from heat source	G 1" F	1590
B6	Incoming from heat source	G 6/4" F	635
HEATING SYSTEM			
H1	Outgoing to heating system	G 1" F	1055
H2	Return from heating system	G 1" F	255
ELECTRIC HEATING ELEMENTS			
E1	Electric heating element for DHW	G 6/4" F	1175
E2	Electric heating element for heating	G 6/4" F	915
E3	Electric heating element for heating	G 6/4" F	915
E4	Electric heating element of PV system	G 6/4" F	255
DHW HEATING			
W1	Cold water	G 1" M	1135
W2	Hot water	G 1" M	1135
CONTROL & SAFETY			
C1	Temperature sensor	G 1/2" F	1025
C2	Temperature sensor	G 1/2" F	335
C3	Temperature sensor	G 1/2" F	1335
C4	Temperature sensor	G 1/2" F	1245
T	Thermometer	G 1/2" F	1655
M	Pressure gauge	G 1/2" F	510
P	Safety valve	G 1/2" F	400
AIR RELEASE			
O	Air vent valve	G 1/2" F	1975



For more information please consult Data Sheets on our website.

THERMAL STORE WITH STAINLESS-STEEL IMMERSED DHW HEAT EXCHANGER

HSK 1000 P

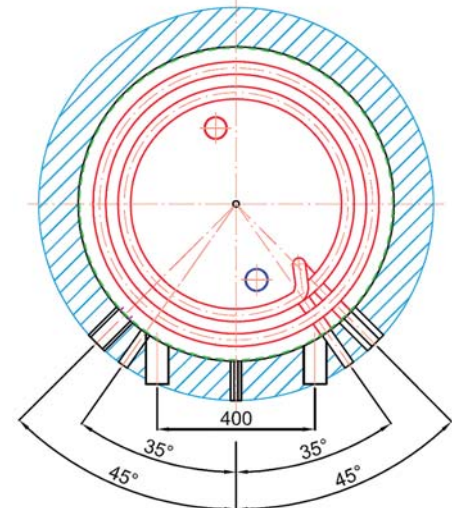
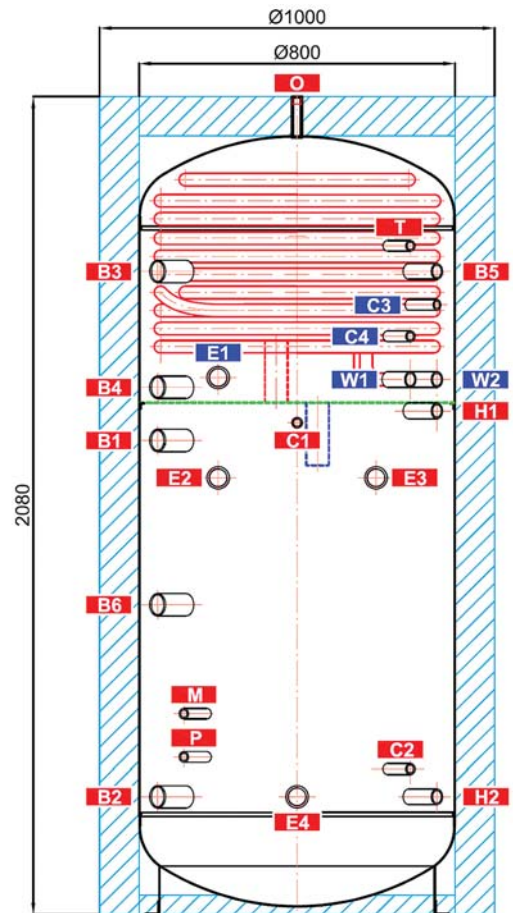
Tank code: 14555
Insulation code: 18843

TECHNICAL DATA:

TOTAL TANK VOLUME	925 l
MAX. WORKING PRESSURE IN THERMAL STORE	4 bar
TIPPING HEIGHT WITHOUT INSULATION	2120 mm
MAX. HEATING ELEMENT LENGTH	755 mm
DHW HEAT EXCHANGERS	
DHW HEAT EXCHANGERS VOLUME - above / below the sheet	21 / -- l
MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS	10 bar
DHW HEAT EXCHANGERS SURFACE AREA - above /below the sheet	6 / -- m ²
VOLUME OF SUPPLIED DHW (heated from 10°C to 40°C, at 8 l/min. flow rate and 60°C temperature in thermal store)	592 l

CONNECTIONS:

pos.	descriptions	connec- tion	height [mm]
HEAT SOURCES			
B1	Incoming from heat source	G 6/4" F	1205
B2	Return to heat source	G 6/4" F	300
B3	Incoming from heat source	G 6/4" F	1635
B4	Return to heat source	G 6/4" F	1340
B5	Incoming from heat source	G 1" F	1635
B6	Incoming from heat source	G 6/4" F	787
HEATING SYSTEM			
H1	Outgoing to heating system	G 1" F	1280
H2	Return from heating system	G 1" F	300
ELECTRIC HEATING ELEMENTS			
E1	Electric heating element for DHW	G 6/4" F	1365
E2	Electric heating element for heating	G 6/4" F	1110
E3	Electric heating element for heating	G 6/4" F	1110
E4	Electric heating element of PV system	G 6/4" F	300
DHW HEATING			
W1	Cold water	G 1" M	1360
W2	Hot water	G 1" M	1360
CONTROL & SAFETY			
C1	Temperature sensor	G 1/2" F	1250
C2	Temperature sensor	G 1/2" F	370
C3	Temperature sensor	G 1/2" F	1550
C4	Temperature sensor	G 1/2" F	1470
T	Thermometer	G 1/2" F	1700
M	Pressure gauge	G 1/2" F	510
P	Safety valve	G 1/2" F	400
AIR RELEASE			
O	Air vent valve	G 1/2" F	2080



For more information please consult Data Sheets on our website.

THERMAL STORE WITH STAINLESS-STEEL IMMERSED DHW HEAT EXCHANGER

HSK 1700 P

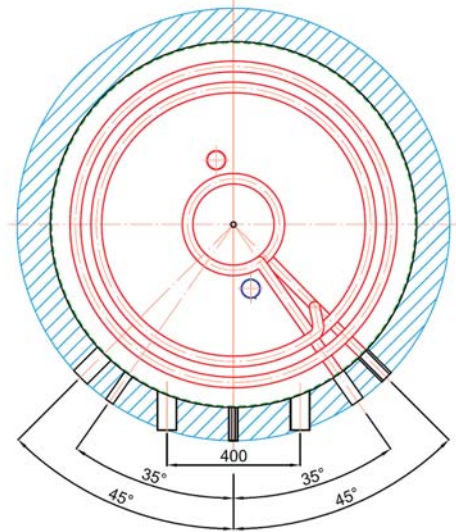
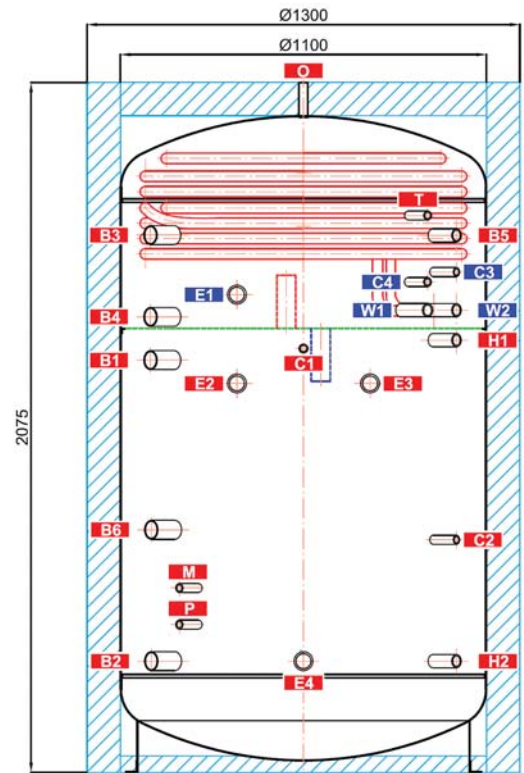
Tank code: 14558
Insulation code: 18846

TECHNICAL DATA:

TOTAL TANK VOLUME	1687l
MAX. WORKING PRESSURE IN THERMAL STORE	3 bar
TIPPING HEIGHT WITHOUT INSULATION	2190 mm
MAX. HEATING ELEMENT LENGTH	955 mm
DHW HEAT EXCHANGERS	
DHW HEAT EXCHANGERS VOLUME - above / below the sheet	21 / -- l
MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS	10 bar
DHW HEAT EXCHANGERS SURFACE AREA - above /below the sheet	6 / -- m ²
VOLUME OF SUPPLIED DHW (heated from 10°C to 40°C, at 8 l/min. flow rate and 60°C temperature in thermal store)	1072l

CONNECTIONS:

pos.	descriptions	connec- tion	height [mm]
HEAT SOURCES			
B1	Incoming from heat source	G 6/4" F	1240
B2	Return to heat source	G 6/4" F	335
B3	Incoming from heat source	G 6/4" F	1615
B4	Return to heat source	G 6/4" F	1370
B5	Incoming from heat source	G 1" F	1615
B6	Incoming from heat source	G 6/4" F	730
HEATING SYSTEM			
H1	Outgoing to heating system	G 1" F	1300
H2	Return from heating system	G 1" F	335
ELECTRIC HEATING ELEMENTS			
E1	Electric heating element for DHW	G 6/4" F	1437
E2	Electric heating element for heating	G 6/4" F	1170
E3	Electric heating element for heating	G 6/4" F	1170
E4	Electric heating element of PV system	G 6/4" F	335
DHW HEATING			
W1	Cold water	G 1" M	1390
W2	Hot water	G 1" M	1390
CONTROL & SAFETY			
C1	Temperature sensor	G 1/2" F	1275
C2	Temperature sensor	G 1/2" F	700
C3	Temperature sensor	G 1/2" F	1505
C4	Temperature sensor	G 1/2" F	1474
T	Thermometer	G 1/2" F	1675
M	Pressure gauge	G 1/2" F	555
P	Safety valve	G 1/2" F	445
AIR RELEASE			
O	Air vent valve	G 1/2" F	2075



For more information please consult Data Sheets on our website.

THERMAL STORE WITH 2 STAINLESS-STEEL IMMERSED DHW HEAT EXCHANGERS

HSK 600 PV

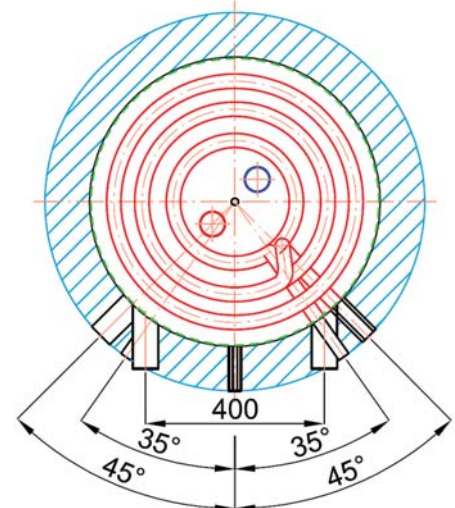
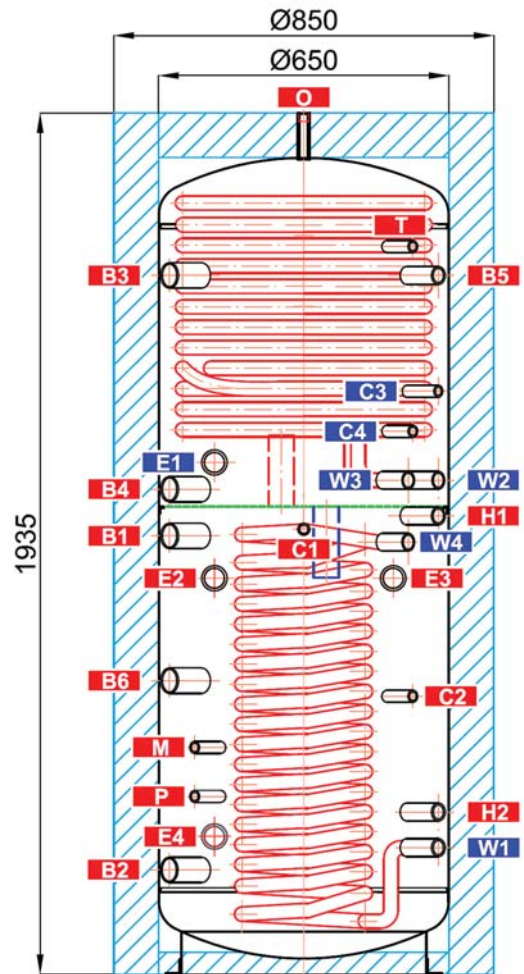
Tank code: 16158
Insulation code: 18839

TECHNICAL DATA:

TOTAL TANK VOLUME	5571
MAX. WORKING PRESSURE IN THERMAL STORE	4 bar
TIPPING HEIGHT WITHOUT INSULATION	2050mm
MAX. HEATING ELEMENT LENGTH	555mm
DHW HEAT EXCHANGERS	
DHW HEAT EXCHANGERS VOLUME - above / below the sheet	21 / 11l
MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS	10 bar
DHW HEAT EXCHANGERS SURFACE AREA - above /below the sheet	6 / 3 m ²
VOLUME OF SUPPLIED DHW (heated from 10°C to 40°C, at 8 l/min. flow rate and 60°C temperature in thermal store)	669l

CONNECTIONS:

pos.	descriptions	connec- tion	height [mm]
HEAT SOURCES			
B1	Incoming from heat source	G 6/4" F	985
B2	Return to heat source	G 6/4" F	135
B3	Incoming from heat source	G 6/4" F	1570
B4	Return to heat source	G 6/4" F	1090
B5	Incoming from heat source	G 1" F	1570
B6	Incoming from heat source	G 6/4" F	660
HEATING SYSTEM			
H1	Outgoing to heating system	G 1" F	1030
H2	Return from heating system	G 1" F	365
ELECTRIC HEATING ELEMENTS			
E1	Electric heating element for DHW	G 6/4" F	1150
E2	Electric heating element for heating	G 6/4" F	890
E3	Electric heating element for heating	G 6/4" F	890
E4	Electric heating element of PV system	G 6/4" F	310
DHW HEATING			
W1	Cold water	G 1" M	285
W2	Hot water	G 1" M	1110
W3	Recirculation	G 1" M	1110
W4	Hot water	G 1" M	970
CONTROL & SAFETY			
C1	Temperature sensor	G 1/2" F	1000
C2	Temperature sensor	G 1/2" F	625
C3	Temperature sensor	G 1/2" F	1310
C4	Temperature sensor	G 1/2" F	1220
T	Thermometer	G 1/2" F	1635
M	Pressure gauge	G 1/2" F	510
P	Safety valve	G 1/2" F	400
AIR RELEASE			
O	Air vent valve	G 1/2" F	1935



For more information please consult Data Sheets on our website.

THERMAL STORE WITH 2 STAINLESS-STEEL IMMERSED DHW HEAT EXCHANGERS

HSK 750 PV

Tank code: 16177

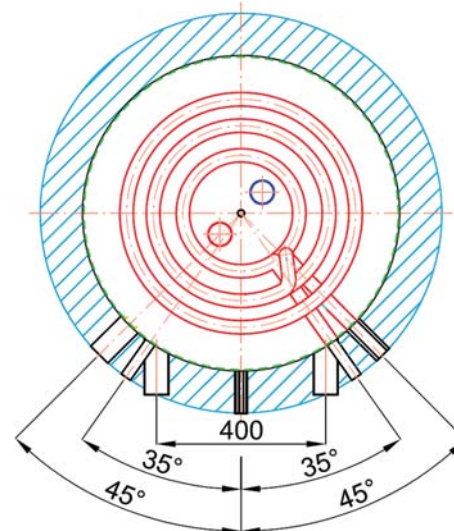
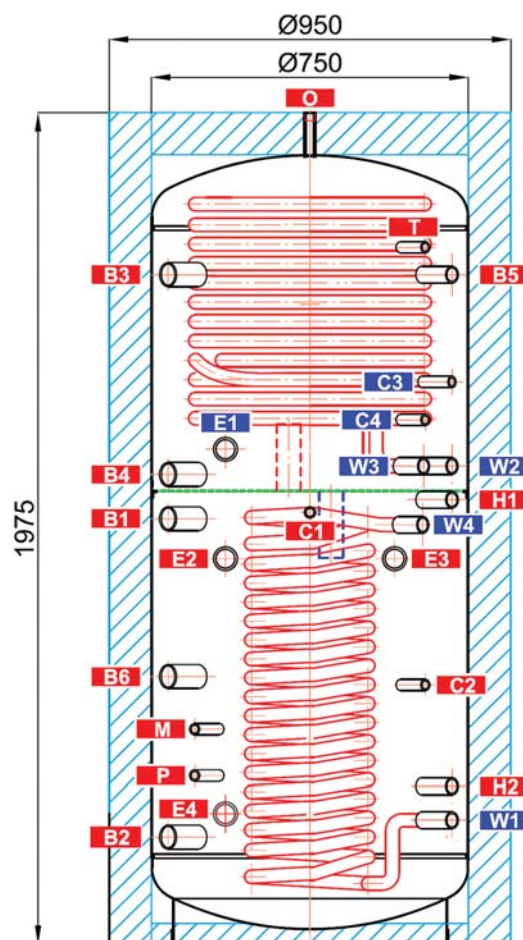
Insulation code: 18842

TECHNICAL DATA:

TOTAL TANK VOLUME	757 l
MAX. WORKING PRESSURE IN THERMAL STORE	4 bar
TIPPING HEIGHT WITHOUT INSULATION	2120 mm
MAX. HEATING ELEMENT LENGTH	700 mm
DHW HEAT EXCHANGERS	
DHW HEAT EXCHANGERS VOLUME - above / below the sheet	21 / 11 l
MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS	10 bar
DHW HEAT EXCHANGERS SURFACE AREA - above /below the sheet	6 / 3 m ²
VOLUME OF SUPPLIED DHW (heated from 10°C to 40°C, at 8 l/min. flow rate and 60°C temperature in thermal store)	784 l

CONNECTIONS:

pos.	descriptions	connec- tion	height [mm]
HEAT SOURCES			
B1	Incoming from heat source	G 6/4" F	1010
B2	Return to heat source	G 6/4" F	155
B3	Incoming from heat source	G 6/4" F	1590
B4	Return to heat source	G 6/4" F	1115
B5	Incoming from heat source	G 1" F	1590
B6	Incoming from heat source	G 6/4" F	635
HEATING SYSTEM			
H1	Outgoing to heating system	G 1" F	1055
H2	Return from heating system	G 1" F	375
ELECTRIC HEATING ELEMENTS			
E1	Electric heating element for DHW	G 6/4" F	1175
E2	Electric heating element for heating	G 6/4" F	915
E3	Electric heating element for heating	G 6/4" F	915
E4	Electric heating element of PV system	G 6/4" F	310
DHW HEATING			
W1	Cold water	G 1" M	295
W2	Hot water	G 1" M	1135
W3	Recirculation	G 1" M	1135
W4	Hot water	G 1" M	995
CONTROL & SAFETY			
C1	Temperature sensor	G 1/2" F	1025
C2	Temperature sensor	G 1/2" F	615
C3	Temperature sensor	G 1/2" F	1335
C4	Temperature sensor	G 1/2" F	1245
T	Thermometer	G 1/2" F	1655
M	Pressure gauge	G 1/2" F	510
P	Safety valve	G 1/2" F	400
AIR RELEASE			
O	Air vent valve	G 1/2" F	1975



For more information please consult Data Sheets on our website.

THERMAL STORE WITH 2 STAINLESS-STEEL IMMERSED DHW HEAT EXCHANGERS

HSK 1000 PV

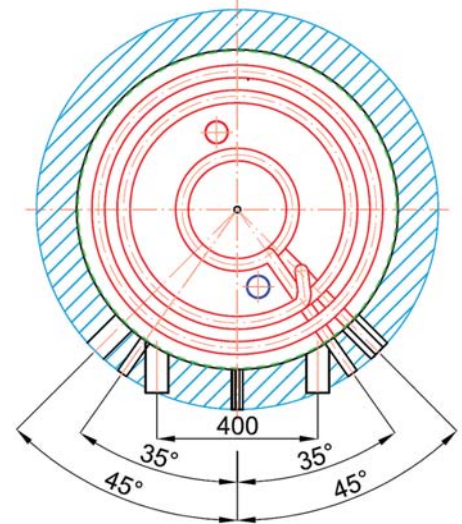
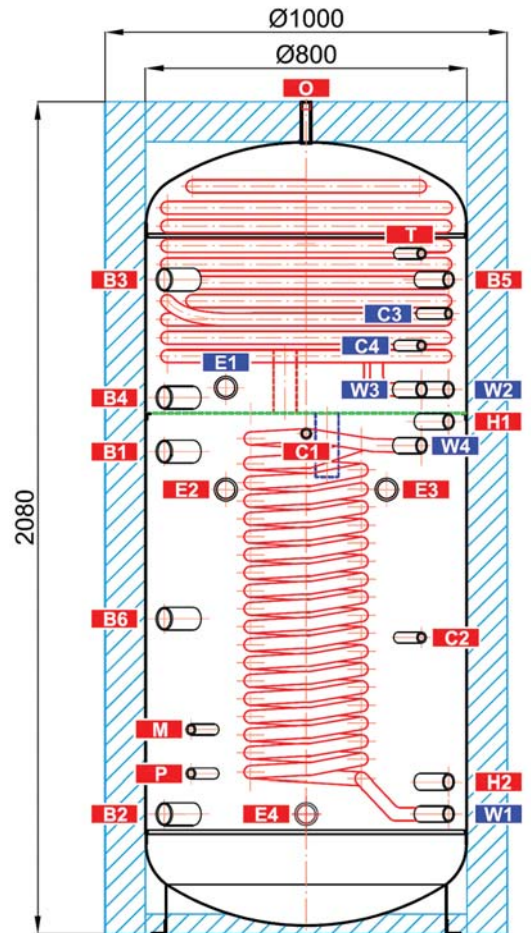
Tank code: 16180
Insulation code: 18845

TECHNICAL DATA:

TOTAL TANK VOLUME	922l
MAX. WORKING PRESSURE IN THERMAL STORE	4 bar
TIPPING HEIGHT WITHOUT INSULATION	2230 mm
MAX. HEATING ELEMENT LENGTH	755 mm
DHW HEAT EXCHANGERS	
DHW HEAT EXCHANGERS VOLUME - above / below the sheet	21 / 11l
MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS	10 bar
DHW HEAT EXCHANGERS SURFACE AREA - above /below the sheet	6 / 3 m ²
VOLUME OF SUPPLIED DHW (heated from 10°C to 40°C, at 8 l/min. flow rate and 60°C temperature in thermal store)	846l

CONNECTIONS:

pos.	descriptions	connec- tion	height [mm]
HEAT SOURCES			
B1	Incoming from heat source	G 6/4" F	1205
B2	Return to heat source	G 6/4" F	200
B3	Incoming from heat source	G 6/4" F	1635
B4	Return to heat source	G 6/4" F	1340
B5	Incoming from heat source	G 1" F	1635
B6	Incoming from heat source	G 6/4" F	787
HEATING SYSTEM			
H1	Outgoing to heating system	G 1" F	1280
H2	Return from heating system	G 1" F	380
ELECTRIC HEATING ELEMENTS			
E1	Electric heating element for DHW	G 6/4" F	1365
E2	Electric heating element for heating	G 6/4" F	1110
E3	Electric heating element for heating	G 6/4" F	1110
E4	Electric heating element of PV system	G 6/4" F	300
DHW HEATING			
W1	Cold water	G 1" M	300
W2	Hot water	G 1" M	1360
W3	Recirculation	G 1" M	1360
W4	Hot water	G 1" M	1220
CONTROL & SAFETY			
C1	Temperature sensor	G 1/2" F	1250
C2	Temperature sensor	G 1/2" F	740
C3	Temperature sensor	G 1/2" F	1550
C4	Temperature sensor	G 1/2" F	1470
T	Thermometer	G 1/2" F	1700
M	Pressure gauge	G 1/2" F	510
P	Safety valve	G 1/2" F	400
AIR RELEASE			
O	Air vent valve	G 1/2" F	2080



For more information please consult Data Sheets on our website.

THERMAL STORE WITH 2 STAINLESS-STEEL IMMERSED DHW HEAT EXCHANGERS

HSK 1700 PV

Tank code: 16183

Insulation code: 18848

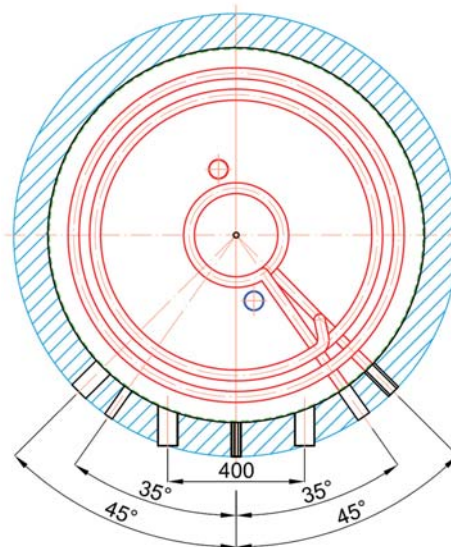
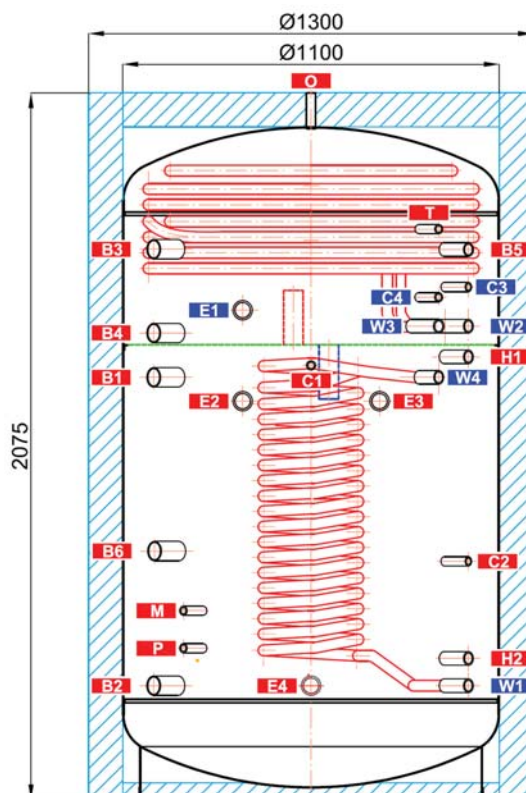
TECHNICAL DATA:

TOTAL TANK VOLUME	1684 l
MAX. WORKING PRESSURE IN THERMAL STORE	3 bar
TIPPING HEIGHT WITHOUT INSULATION	2350 mm
MAX. HEATING ELEMENT LENGTH	955 mm
DHW HEAT EXCHANGERS	
DHW HEAT EXCHANGERS VOLUME - above / below the sheet	21 / 11 l
MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS	10 bar
DHW HEAT EXCHANGERS SURFACE AREA - above /below the sheet	6 / 3 m ²
VOLUME OF SUPPLIED DHW (heated from 10°C to 40°C, at 8 l/min. flow rate and 60°C temperature in thermal store)	1533 l

CONNECTIONS:

pos.	descriptions	connec- tion	height [mm]
HEAT SOURCES			
B1	Incoming from heat source	G 6/4" F	1240
B2	Return to heat source	G 6/4" F	235
B3	Incoming from heat source	G 6/4" F	1615
B4	Return to heat source	G 6/4" F	1370
B5	Incoming from heat source	G 1" F	1615
B6	Incoming from heat source	G 6/4" F	730
HEATING SYSTEM			
H1	Outgoing to heating system	G 1" F	1300
H2	Return from heating system	G 1" F	1415
ELECTRIC HEATING ELEMENTS			
E1	Electric heating element for DHW	G 6/4" F	1437
E2	Electric heating element for heating	G 6/4" F	1170
E3	Electric heating element for heating	G 6/4" F	1170
E4	Electric heating element of PV system	G 6/4" F	335
DHW HEATING			
W1	Cold water	G 1" M	335
W2	Hot water	G 1" M	1390
W3	Recirculation	G 1" M	1390
W4	Hot water	G 1" M	1240
CONTROL & SAFETY			
C1	Temperature sensor	G 1/2" F	1275
C2	Temperature sensor	G 1/2" F	700
C3	Temperature sensor	G 1/2" F	1505
C4	Temperature sensor	G 1/2" F	1475
T	Thermometer	G 1/2" F	1675
M	Pressure gauge	G 1/2" F	555
P	Safety valve	G 1/2" F	445
AIR RELEASE			
O	Air vent valve	G 1/2" F	2075

For more information please consult Data Sheets on our website.



THERMAL STORE WITH STAINLESS-STEEL IMMERSED DHW HEAT EXCHANGER AND SOLAR HEAT EXCHANGER

HSK 390 PR

Tank code: 14172

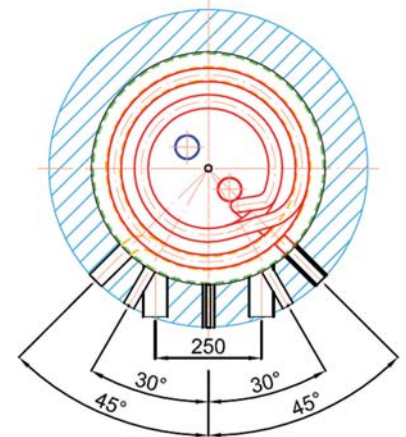
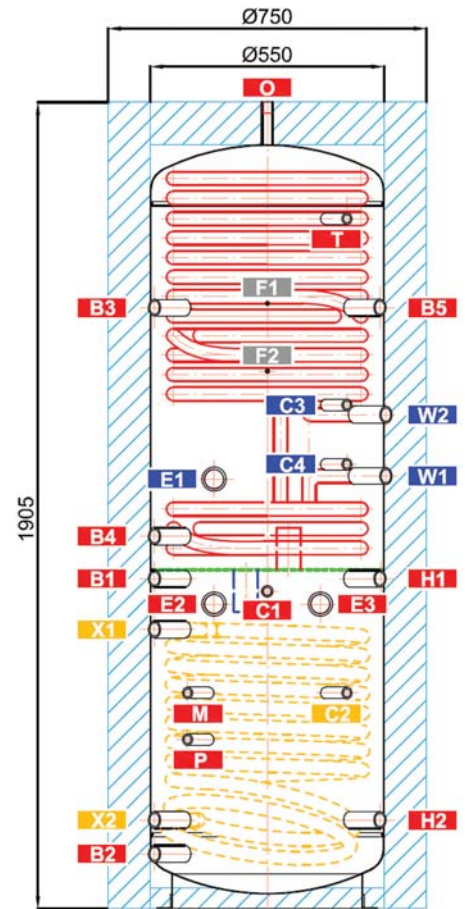
Insulation code: 18723

TECHNICAL DATA:

TOTAL TANK VOLUME	394 l
MAX. WORKING PRESSURE IN THERMAL STORE	4 bar
TIPPING HEIGHT WITHOUT INSULATION	1940 mm
MAX. HEATING ELEMENT LENGTH	555 mm
DHW HEAT EXCHANGERS	
DHW HEAT EXCHANGERS VOLUME - above /below the sheet	21 / -- l
MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS	10 bar
DHW HEAT EXCHANGERS SURFACE AREA - above /below the sheet	6 / -- m ²
VOLUME OF SUPPLIED DHW (heated from 10°C to 40°C, at 8 l/min. flow rate and 60°C temperature in thermal store)	321 l
SOLAR HEAT EXCHANGER	
SOLAR HEAT EXCHANGER VOLUME	9 l
MAX. WORKING PRESSURE IN HEAT EXCHANGER	10 bar
SOLAR HEAT EXCHANGER SURFACE AREA	1.5 m ²

CONNECTIONS:

pos.	descriptions	connec- tion	height [mm]
HEAT SOURCES			
B1	Incoming from heat source	G 1" F	780
B2	Return to heat source	G 1" F	210
B3	Incoming from heat source	G 1" F	1420
B4	Return to heat source	G 1" F	880
B5	Incoming from heat source	G 1" F	1420
HEATING SYSTEM			
H1	Outgoing to heating system	G 1" F	780
H2	Return from heating system	G 1" F	210
SOLAR THERMAL SYSTEM			
X1	Incoming from solar collectors	G 1" F	660
X2	Return to solar collectors	G 1" F	210
ELECTRIC HEATING ELEMENTS			
E1	Electric heating element for DHW	G 6/4" F	1015
E2	Electric heating element for heating	G 6/4" F	720
E3	Electric heating element for heating	G 6/4" F	720
DHW HEATING			
W1	Cold water	G 1" M	1022
W2	Hot water	G 1" M	1167
CONTROL & SAFETY			
C1	Temperature sensor	G 1/2" F	750
C2	Temperature sensor	G 1/2" F	510
C3	Temperature sensor	G 1/2" F	1190
C4	Temperature sensor	G 1/2" F	1050
T	Thermometer	G 1/2" F	1630
M	Pressure gauge	G 1/2" F	510
P	Safety valve	G 1/2" F	400



pos.	descriptions	connec- tion	height [mm]
AIR RELEASE			
O	Air vent valve	G 1/2" F	1905
PUMP STATION MOUNTING			
F1	Pump station mounting - upper	M 6	1270
F2	Pump station mounting - lower	M 6	1430

Energy Efficiency Class of the thermal store with insulation - C.
For more information please consult Data Sheets on our website.

THERMAL STORE WITH STAINLESS-STEEL IMMERSED DHW HEAT EXCHANGER AND SOLAR HEAT EXCHANGER

HSK 600 PR

Tank code: 14187

Insulation code: 18838

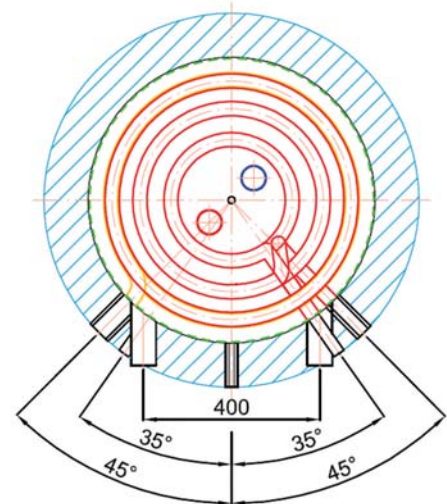
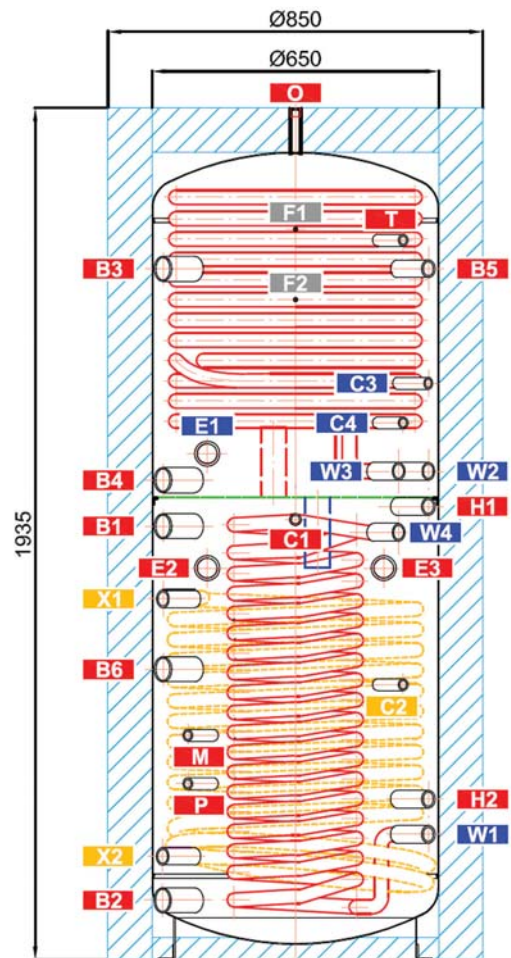
TECHNICAL DATA:

TOTAL TANK VOLUME	553 l
MAX. WORKING PRESSURE IN THERMAL STORE	4 bar
TIPPING HEIGHT WITHOUT INSULATION	1970 mm
MAX. HEATING ELEMENT LENGTH	555 mm
DHW HEAT EXCHANGERS	
DHW HEAT EXCHANGERS VOLUME - above /below the sheet	21 / 11 l
MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS	10 bar
DHW HEAT EXCHANGERS SURFACE AREA - above /below the sheet	6 / 3 m ²
VOLUME OF SUPPLIED DHW (heated from 10°C to 40°C, at 8 l/min. flow rate and 60°C temperature in thermal store)	669 l
SOLAR HEAT EXCHANGER	
SOLAR HEAT EXCHANGER VOLUME	13 l
MAX. WORKING PRESSURE IN HEAT EXCHANGER	10 bar
SOLAR HEAT EXCHANGER SURFACE AREA	2.4 m ²

CONNECTIONS:

pos.	descriptions	connection	height [mm]
HEAT SOURCES			
B1	Incoming from heat source	G 6/4" F	985
B2	Return to heat source	G 6/4" F	135
B3	Incoming from heat source	G 6/4" F	1570
B4	Return to heat source	G 6/4" F	1090
B5	Incoming from heat source	G 1" F	1570
B6	Incoming from heat source	G 6/4" F	660
HEATING SYSTEM			
H1	Outgoing to heating system	G 1" F	1030
H2	Return from heating system	G 1" F	365
SOLAR THERMAL SYSTEM			
X1	Incoming from solar collectors	G 1" F	820
X2	Return to solar collectors	G 1" F	235
ELECTRIC HEATING ELEMENTS			
E1	Electric heating element for DHW	G 6/4" F	1150
E2	Electric heating element for heating	G 6/4" F	890
E3	Electric heating element for heating	G 6/4" F	890
DHW HEATING			
W1	Cold water	G 1" M	285
W2	Hot water	G 1" M	1110
W3	Recirculation	G 1" M	1110
W4	Hot water	G 1" M	970
CONTROL & SAFETY			
C1	Temperature sensor	G 1/2" F	1000
C2	Temperature sensor	G 1/2" F	625
C3	Temperature sensor	G 1/2" F	1310
C4	Temperature sensor	G 1/2" F	1220
T	Thermometer	G 1/2" F	1635
M	Pressure gauge	G 1/2" F	510
P	Safety valve	G 1/2" F	400

For more information please consult Data Sheets on our website.



pos.	descriptions	connection	height [mm]
AIR RELEASE			
O	Air vent valve	G 1/2" F	1935
PUMP STATION MOUNTING			
F1	Pump station mounting - upper	M 6	1660
F2	Pump station mounting - lower	M 6	1500

THERMAL STORE WITH STAINLESS-STEEL IMMERSED DHW HEAT EXCHANGER AND SOLAR HEAT EXCHANGER

HSK 750 PR

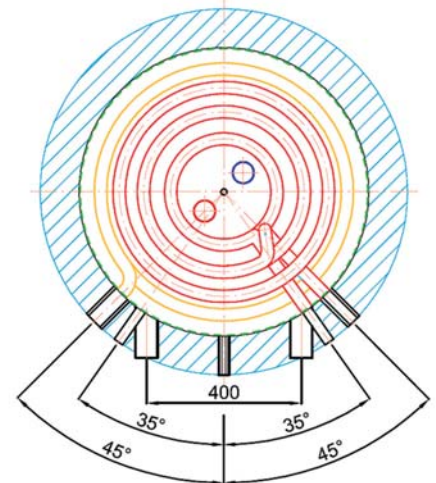
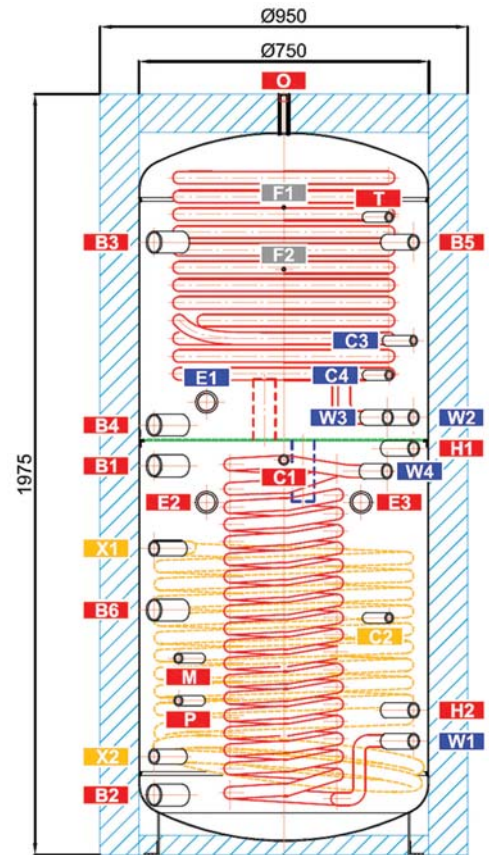
Tank code: 14190
Insulation code: 18841

TECHNICAL DATA:

TOTAL TANK VOLUME	753 l
MAX. WORKING PRESSURE IN THERMAL STORE	4 bar
TIPPING HEIGHT WITHOUT INSULATION	2030 mm
MAX. HEATING ELEMENT LENGTH	700 mm
DHW HEAT EXCHANGERS	
DHW HEAT EXCHANGERS VOLUME - above /below the sheet	21 / 11 l
MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS	10 bar
DHW HEAT EXCHANGERS SURFACE AREA - above /below the sheet	6 / 3 m ²
VOLUME OF SUPPLIED DHW (heated from 10°C to 40°C, at 8 l/min. flow rate and 60°C temperature in thermal store)	784 l
SOLAR HEAT EXCHANGER	
SOLAR HEAT EXCHANGER VOLUME	15 l
MAX. WORKING PRESSURE IN HEAT EXCHANGER	10 bar
SOLAR HEAT EXCHANGER SURFACE AREA	2.5 m ²

CONNECTIONS:

pos.	descriptions	connec- tion	height [mm]
HEAT SOURCES			
B1	Incoming from heat source	G 6/4" F	1010
B2	Return to heat source	G 6/4" F	155
B3	Incoming from heat source	G 6/4" F	1590
B4	Return to heat source	G 6/4" F	1115
B5	Incoming from heat source	G 1" F	1590
B6	Incoming from heat source	G 6/4" F	635
HEATING SYSTEM			
H1	Outgoing to heating system	G 1" F	1055
H2	Return from heating system	G 1" F	375
SOLAR THERMAL SYSTEM			
X1	Incoming from solar collectors	G 1" F	795
X2	Return to solar collectors	G 1" F	255
ELECTRIC HEATING ELEMENTS			
E1	Electric heating element for DHW	G 6/4" F	1175
E2	Electric heating element for heating	G 6/4" F	915
E3	Electric heating element for heating	G 6/4" F	915
DHW HEATING			
W1	Cold water	G 1" M	285
W2	Hot water	G 1" M	1135
W3	Recirculation	G 1" M	1135
W4	Hot water	G 1" M	995
CONTROL & SAFETY			
C1	Temperature sensor	G 1/2" F	1025
C2	Temperature sensor	G 1/2" F	615
C3	Temperature sensor	G 1/2" F	1335
C4	Temperature sensor	G 1/2" F	1245
T	Thermometer	G 1/2" F	1655
M	Pressure gauge	G 1/2" F	510
P	Safety valve	G 1/2" F	400



pos.	descriptions	connec- tion	height [mm]
AIR RELEASE			
O	Air vent valve	G 1/2" F	1975
PUMP STATION MOUNTING			
F1	Pump station mounting - upper	M 6	1680
F2	Pump station mounting - lower	M 6	1520

For more information please consult Data Sheets on our website.

THERMAL STORE WITH STAINLESS-STEEL IMMERSED DHW HEAT EXCHANGER AND SOLAR HEAT EXCHANGER

HSK 1000 PR

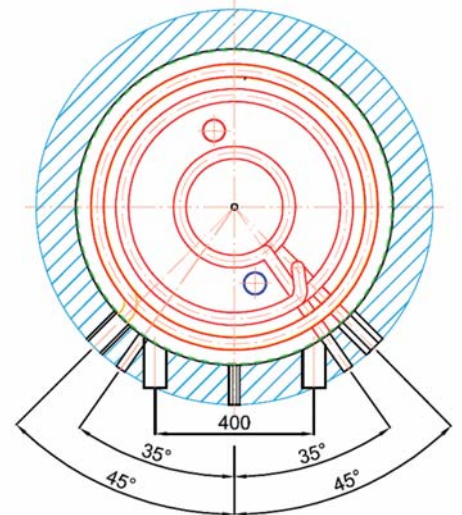
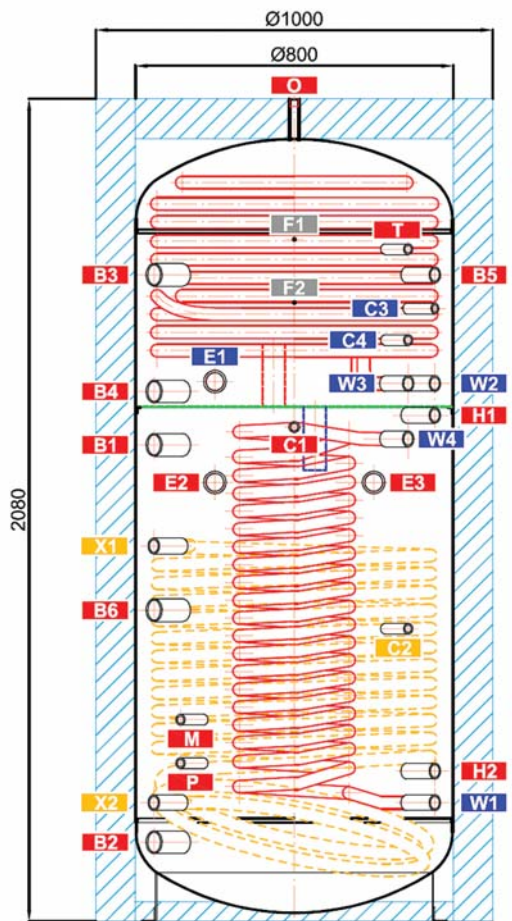
Tank code: 14012
Insulation code: 18844

TECHNICAL DATA:

TOTAL TANK VOLUME	916 l
MAX. WORKING PRESSURE IN THERMAL STORE	4 bar
TIPPING HEIGHT WITHOUT INSULATION	2120 mm
MAX. HEATING ELEMENT LENGTH	755 mm
DHW HEAT EXCHANGERS	
DHW HEAT EXCHANGERS VOLUME - above /below the sheet	21 / 11 l
MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS	10 bar
DHW HEAT EXCHANGERS SURFACE AREA - above /below the sheet	6 / 3 m ²
VOLUME OF SUPPLIED DHW (heated from 10°C to 40°C, at 8 l/min. flow rate and 60°C temperature in thermal store)	846 l
SOLAR HEAT EXCHANGER	
SOLAR HEAT EXCHANGER VOLUME	18 l
MAX. WORKING PRESSURE IN HEAT EXCHANGER	10 bar
SOLAR HEAT EXCHANGER SURFACE AREA	3.2 m ²

CONNECTIONS:

pos.	descriptions	connec- tion	height [mm]
HEAT SOURCES			
B1	Incoming from heat source	G 6/4" F	1205
B2	Return to heat source	G 6/4" F	200
B3	Incoming from heat source	G 6/4" F	1635
B4	Return to heat source	G 6/4" F	1340
B5	Incoming from heat source	G 1" F	1635
B6	Incoming from heat source	G 6/4" F	787
HEATING SYSTEM			
H1	Outgoing to heating system	G 1" F	1280
H2	Return from heating system	G 1" F	380
SOLAR THERMAL SYSTEM			
X1	Incoming from solar collectors	G 1" F	950
X2	Return to solar collectors	G 1" F	300
ELECTRIC HEATING ELEMENTS			
E1	Electric heating element for DHW	G 6/4" F	1365
E2	Electric heating element for heating	G 6/4" F	1110
E3	Electric heating element for heating	G 6/4" F	1110
DHW HEATING			
W1	Cold water	G 1" M	300
W2	Hot water	G 1" M	1360
W3	Recirculation	G 1" M	1360
W4	Hot water	G 1" M	1220
CONTROL & SAFETY			
C1	Temperature sensor	G 1/2" F	1250
C2	Temperature sensor	G 1/2" F	740
C3	Temperature sensor	G 1/2" F	1550
C4	Temperature sensor	G 1/2" F	1470
T	Thermometer	G 1/2" F	1700
M	Pressure gauge	G 1/2" F	510
P	Safety valve	G 1/2" F	400



pos.	descriptions	connec- tion	height [mm]
AIR RELEASE			
O	Air vent valve	G 1/2" F	2080
PUMP STATION MOUNTING			
F1	Pump station mounting - upper	M 6	1725
F2	Pump station mounting - lower	M 6	1565

For more information please consult Data Sheets on our website.

THERMAL STORE WITH STAINLESS-STEEL IMMERSED DHW HEAT EXCHANGER AND SOLAR HEAT EXCHANGER

HSK 1700 PR

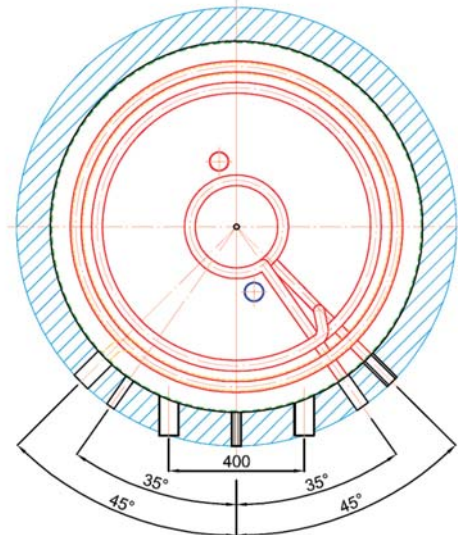
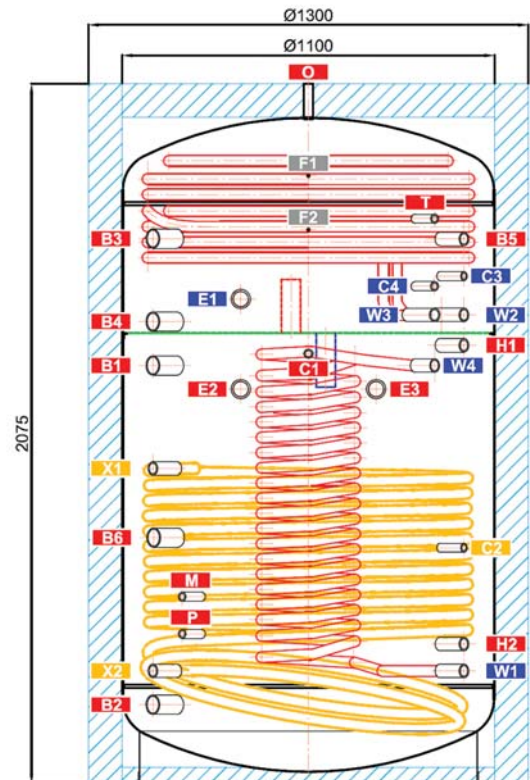
Tank code: 14013
Insulation code: 18847

TECHNICAL DATA:

TOTAL TANK VOLUME	1676 l
MAX. WORKING PRESSURE IN THERMAL STORE	3 bar
TIPPING HEIGHT WITHOUT INSULATION	2190 mm
MAX. HEATING ELEMENT LENGTH	955 mm
DHW HEAT EXCHANGERS	
DHW HEAT EXCHANGERS VOLUME - above /below the sheet	21 / 11 l
MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS	10 bar
DHW HEAT EXCHANGERS SURFACE AREA - above /below the sheet	6 / 3 m ²
VOLUME OF SUPPLIED DHW (heated from 10°C to 40°C, at 8 l/min. flow rate and 60°C temperature in thermal store)	1533 l
SOLAR HEAT EXCHANGER	
SOLAR HEAT EXCHANGER VOLUME	22 l
MAX. WORKING PRESSURE IN HEAT EXCHANGER	10 bar
SOLAR HEAT EXCHANGER SURFACE AREA	4 m ²

CONNECTIONS:

pos.	descriptions	connec- tion	height [mm]
HEAT SOURCES			
B1	Incoming from heat source	G 6/4" F	1240
B2	Return to heat source	G 6/4" F	235
B3	Incoming from heat source	G 6/4" F	1615
B4	Return to heat source	G 6/4" F	1370
B5	Incoming from heat source	G 1" F	1615
B6	Incoming from heat source	G 6/4" F	730
HEATING SYSTEM			
H1	Outgoing to heating system	G 1" F	1300
H2	Return from heating system	G 1" F	415
SOLAR THERMAL SYSTEM			
X1	Incoming from solar collectors	G 1" F	935
X2	Return to solar collectors	G 1" F	335
ELECTRIC HEATING ELEMENTS			
E1	Electric heating element for DHW	G 6/4" F	1437
E2	Electric heating element for heating	G 6/4" F	1170
E3	Electric heating element for heating	G 6/4" F	1170
DHW HEATING			
W1	Cold water	G 1" M	335
W2	Hot water	G 1" M	1390
W3	Recirculation	G 1" M	1390
W4	Hot water	G 1" M	1240
CONTROL & SAFETY			
C1	Temperature sensor	G 1/2" F	1275
C2	Temperature sensor	G 1/2" F	700
C3	Temperature sensor	G 1/2" F	1505
C4	Temperature sensor	G 1/2" F	1475
T	Thermometer	G 1/2" F	1675
M	Pressure gauge	G 1/2" F	555
P	Safety valve	G 1/2" F	445



pos.	descriptions	connec- tion	height [mm]
AIR RELEASE			
O	Air vent valve	G 1/2" F	2075
PUMP STATION MOUNTING			
F1	Pump station mounting - upper	M 6	1802
F2	Pump station mounting - lower	M 6	1642

For more information please consult Data Sheets on our website.



