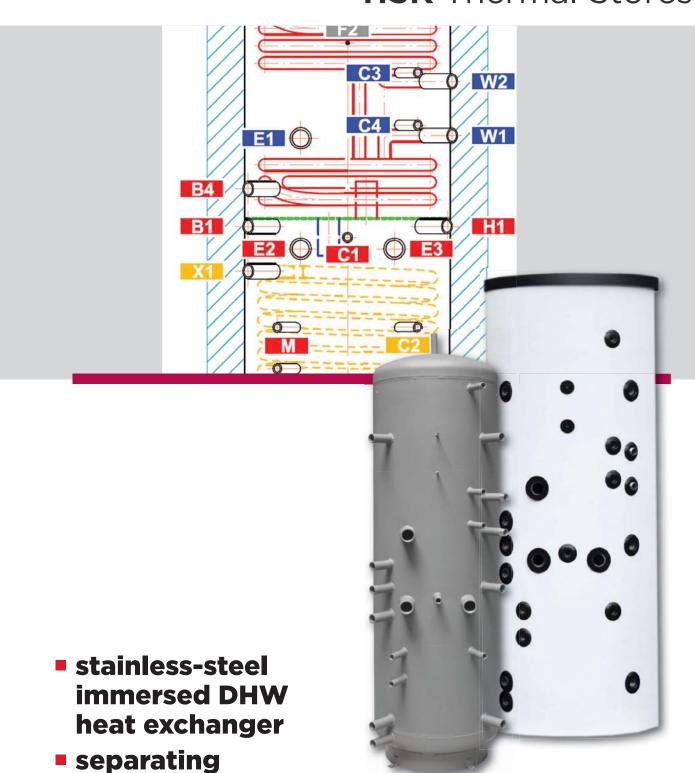




## **HSK** Thermal Stores



regulus.eu

metal sheet

**350-1700 I** 

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3

## THERMAL STORE OF REDUCED HEIGHT WITH STAINLESS-STEEL IMMERSED DHW HEAT EXCHANGER

## **HSK 350 K P-B**

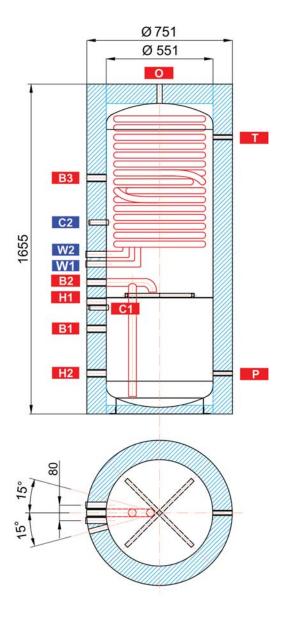
Tank code: 18628 Insulation code: 18837

#### TECHNICAL DATA:

TOTAL TANK VOLUME	3401
MAX. WORKING PRESSURE IN THERMAL STORE	4 bar
TIPPING HEIGHT WITHOUT INSULATION	1740 mm
DHW HEAT EXCHANGERS	
DHW HEAT EXCHANGERS VOLUME - above /	21 / I
below the sheet	
MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS	10 bar
DHW HEAT EXCHANGERS SURFACE AREA -	6 / m <sup>2</sup>
above /below the sheet	
VOLUME OF SUPPLIED DHW	2291
(heated from 10°C to 40°C, at 8 l/min. flow rate	
and 60°C temperature in thermal store)	

#### **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
В3	Incoming from heat source	G 1" F	1170
HEAT	ING 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
CON	ROL & SAFETY		
C1	Temperature sensor	G 1/2" F	500
C2	Temperature sensor	G 1/2" F	940
Т	Thermometer	G 1/2" F	1380
P	Safety valve	G 1/2" F	210
OTHE	R		
0	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.

## **HSK 400 P+**

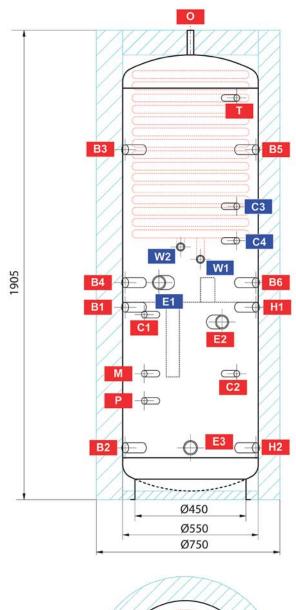
Tank code: 19607 Insulation code: 19609

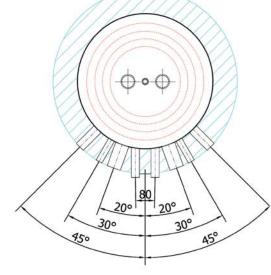
#### TECHNICAL DATA:

TOTAL TANK VOLUME  MAX. WORKING PRESSURE IN THERMAL STORE TIPPING HEIGHT WITHOUT INSULATION HEATING ELEMENT MAX. LENGTH	4081 4 bar 1940 mm 555 mm
DHW HEAT EXCHANGERS	
DHW HEAT EXCHANGERS VOLUME - above /	21 / I
below the sheet	
MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS	10 bar
DHW HEAT EXCHANGERS SURFACE AREA -	6 / m <sup>2</sup>
above /below the sheet	
VOLUME OF SUPPLIED DHW (heated from 10°C	3211
to 40°C, at 8 l/min. flow rate and 60°C tempera-	
ture in thermal store)	

#### **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
В3	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
В6	Return to heat source	G 1" F	880
HEAT	ING SYSTEM		
H1	Outgoing to heating system	G 1" F	780
H2	Return from heating system	G 1" F	210
ELEC	TRIC 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
CONT	ROL & 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
Т	Thermometer	G 1/2" F	1630
M	Pressure gauge	G 1/2" F	510
Р	Safety valve	G 1/2" F	400
AIR R	ELEASE		
0	Air vent valve	G 1/2" F	1905





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

## **HSK 400 PR+**

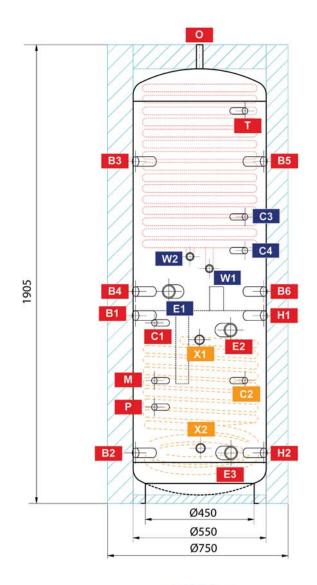
Tank code: 19610 Insulation code: 19612

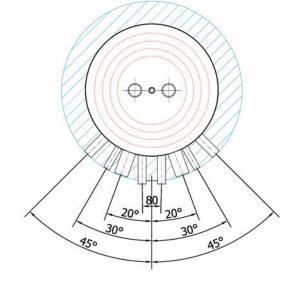
#### TECHNICAL DATA:

TOTAL TANK VOLUME MAX. WORKING PRESSURE IN THERMAL STORE	4041 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 / I
MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS	10 bar
DHW HEAT EXCHANGERS SURFACE AREA -	6 / m <sup>2</sup>
above /below the sheet	
VOLUME OF SUPPLIED DHW	3211
(heated from 10°C to 40°C, at 8 l/min. flow rate	
and 60°C temperature in thermal store)	
SOLAR HEAT EXCHANGER	
SOLAR HEAT EXCHANGER VOLUME	91
MAX. WORKING PRESSURE IN HEAT EXCHANGER	10 bar
SOLAR HEAT EXCHANGER SURFACE AREA	1.5 m <sup>2</sup>

#### **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
В3	Incoming from heat source	G 1" F	1420
В4	Return to heat source	G 1" F	880
B5	Incoming from heat source	G 1" F	1420
В6	Incoming from heat source	G 1" F	880
HEAT	ING SYSTEM		
H1	Outgoing to heating system	G 1" F	780
H2	Return from heating system	G 1" F	210
SOLA	AR THERMAL SYSTEM		
X1	Incoming from solar collectors	G 1" F	680
X2	Return to solar collectors	G 1" F	230
ELEC	TRIC 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
CON	TROL & 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
Т	Thermometer	G 1/2" F	1630
М	Pressure gauge	G 1/2" F	510
Р	Safety valve	G 1/2" F	400
AIR F	RELEASE		
0	Air vent valve	G 1/2" F	1905





## **HSK 390 P**

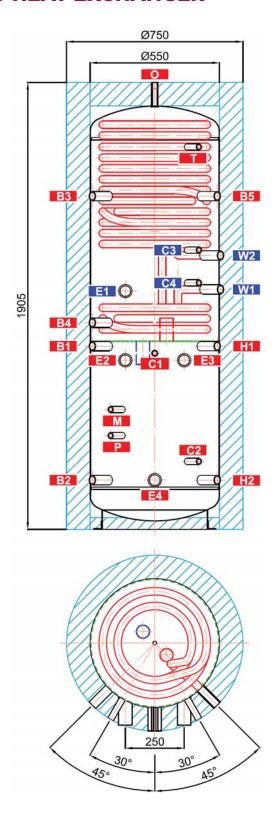
Tank code: 13517 Insulation code: 18722

#### TECHNICAL DATA:

TOTAL TANK VOLUME	3981
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 /	21 / I
below the sheet	
MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS	10 bar
DHW HEAT EXCHANGERS SURFACE AREA -	6 / m <sup>2</sup>
above /below the sheet	
VOLUME OF SUPPLIED DHW	3211
(heated from 10°C to 40°C, at 8 l/min. flow rate	
and 60°C temperature in thermal store)	

#### **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
В3	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
HEAT	ING SYSTEM		
H1	Outgoing to heating system	G 1" F	780
H2	Return from heating system	G 1" F	210
ELEC	TRIC 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
CON	ROL & 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
Т	Thermometer	G 1/2" F	1630
М	Pressure gauge	G 1/2" F	510
Р	Safety valve	G 1/2" F	400
AIR F	RELEASE		
0	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.

## **HSK 600 P**

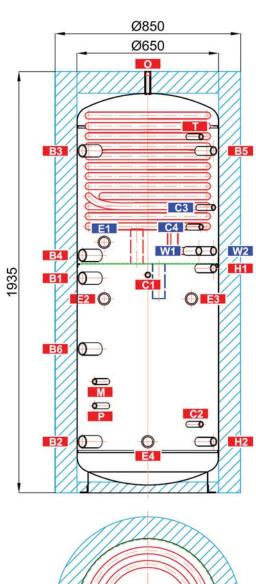
Tank code: 14175 Insulation code: 18724

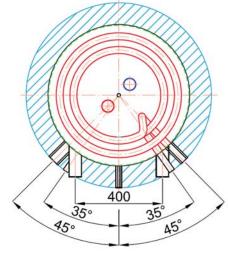
#### **TECHNICAL DATA:**

TOTAL TANK VOLUME MAX. WORKING PRESSURE IN THERMAL STORE TIPPING HEIGHT WITHOUT INSULATION MAX. HEATING ELEMENT LENGTH DHW HEAT EXCHANGERS	560 l 4 bar 1970 mm 555 mm
DHW HEAT EXCHANGERS VOLUME - above /	21 / I
below the sheet	•
MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS	10 bar
DHW HEAT EXCHANGERS SURFACE AREA -	6 / m <sup>2</sup>
above /below the sheet	
VOLUME OF SUPPLIED DHW	4681
(heated from 10°C to 40°C, at 8 l/min. flow rate and 60°C temperature in thermal store)	

#### **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
В3	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
В6	Incoming from heat source	G 6/4" F	660
HEAT	ING SYSTEM		
H1	Outgoing to heating system	G 1" F	1030
H2	Return from heating system	G 1" F	235
ELEC	TRIC 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
CONT	ROL & 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
Т	Thermometer	G 1/2" F	1635
M	Pressure gauge	G 1/2" F	510
P	Safety valve	G 1/2" F	400
AIR R	ELEASE		
0	Air vent valve	G 1/2" F	1935





## **HSK 750 P**

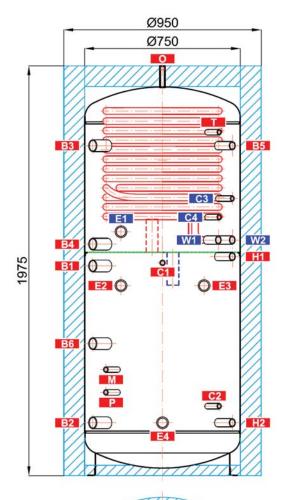
Tank code: 14178 Insulation code: 18840

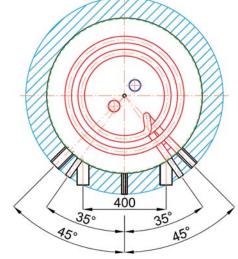
#### TECHNICAL DATA:

TOTAL TANK VOLUME MAX. WORKING PRESSURE IN THERMAL STORE TIPPING HEIGHT WITHOUT INSULATION MAX. HEATING ELEMENT LENGTH DHW HEAT EXCHANGERS	7601 4 bar 2030 mm 700 mm
DHW HEAT EXCHANGERS VOLUME - above /	21 / I
below the sheet MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS DHW HEAT EXCHANGERS SURFACE AREA -	10 bar 6 / m²
above /below the sheet  VOLUME OF SUPPLIED DHW  (bested from 10% to 40% at 8 L/min flow rate)	5481
(heated from 10°C to 40°C, at 8 l/min. flow rate and 60°C temperature in thermal store)	

#### **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
В3	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
В6	Incoming from heat source	G 6/4" F	635
HEAT	ING SYSTEM		
H1	Outgoing to heating system	G 1" F	1055
H2	Return from heating system	G 1" F	255
ELEC	TRIC 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
CONT	ROL & 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
Т	Thermometer	G 1/2" F	1655
М	Pressure gauge	G 1/2" F	510
Р	Safety valve	G 1/2" F	400
AIR R	ELEASE		
0	Air vent valve	G 1/2" F	1975





For more information please consult Data Sheets on our website.

## **HSK 1000 P**

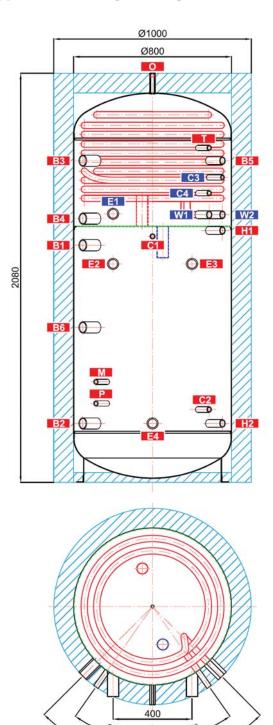
Tank code: 14555 Insulation code: 18843

#### TECHNICAL DATA:

TOTAL TANK VOLUME MAX. WORKING PRESSURE IN THERMAL STORE TIPPING HEIGHT WITHOUT INSULATION MAX. HEATING ELEMENT LENGTH DHW HEAT EXCHANGERS	925 I 4 bar 2120 mm 755 mm
DHW HEAT EXCHANGERS VOLUME - above /	21 / I
below the sheet	
MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS	10 bar
DHW HEAT EXCHANGERS SURFACE AREA -	6 / m²
above /below the sheet	5001
VOLUME OF SUPPLIED DHW (heated from 10°C to 40°C, at 8 l/min. flow rate	5921
and 60°C temperature in thermal store)	

#### **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
В3	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
В6	Incoming from heat source	G 6/4" F	787
HEAT	ING SYSTEM		
H1	Outgoing to heating system	G 1" F	1280
H2	Return from heating system	G 1" F	300
ELEC	TRIC 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
CONT	ROL & 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
М	Pressure gauge	G 1/2" F	510
P	Safety valve	G 1/2" F	400
AIR R	ELEASE		
0	Air vent valve	G 1/2" F	2080



450

45°

## **HSK 1700 P**

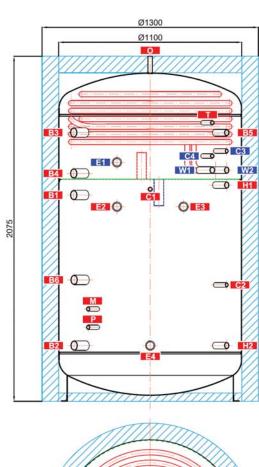
Tank code: 14558 Insulation code: 18846

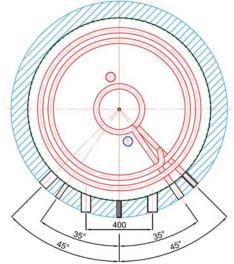
#### TECHNICAL DATA:

TOTAL TANK VOLUME MAX. WORKING PRESSURE IN THERMAL STORE TIPPING HEIGHT WITHOUT INSULATION MAX. HEATING ELEMENT LENGTH	1687 l 3 bar 2190 mm 955 mm
DHW HEAT EXCHANGERS	
DHW HEAT EXCHANGERS VOLUME - above /	21 / I
below the sheet	
MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS	10 bar
DHW HEAT EXCHANGERS SURFACE AREA -	6 / m <sup>2</sup>
above /below the sheet	-,
VOLUME OF SUPPLIED DHW	10721
(heated from 10°C to 40°C, at 8 l/min. flow rate	
and 60°C temperature in thermal store)	

#### **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
В3	Incoming from heat source	G 6/4" F	1615
В4	Return to heat source	G 6/4" F	1370
B5	Incoming from heat source	G 1" F	1615
В6	Incoming from heat source	G 6/4" F	730
HEAT	ING SYSTEM		
H1	Outgoing to heating system	G 1" F	1300
H2	Return from heating system	G 1" F	335
ELEC	TRIC 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
CONT	FROL & 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
Т	Thermometer	G 1/2" F	1675
М	Pressure gauge	G 1/2" F	555
Р	Safety valve	G 1/2" F	445
AIR R	ELEASE		
0	Air vent valve	G 1/2" F	2075





For more information please consult Data Sheets on our website.

## **HSK 600 PV**

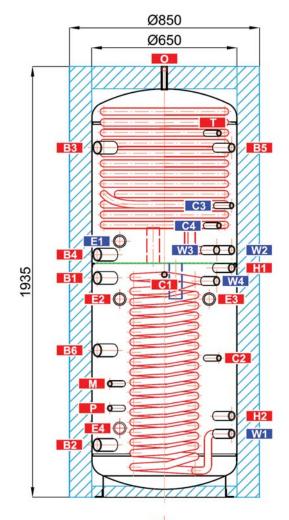
Tank code: 16158 Insulation code: 18839

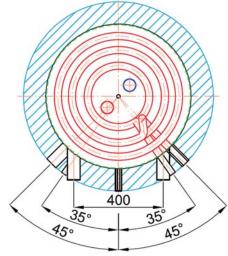
#### **TECHNICAL DATA:**

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

#### **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
В3	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
В6	Incoming from heat source	G 6/4" F	660
HEAT	ING SYSTEM		
H1	Outgoing to heating system	G 1" F	1030
H2	Return from heating system	G 1" F	365
ELEC	TRIC 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
CON	FROL & 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
М	Pressure gauge	G 1/2" F	510
Р	Safety valve	G 1/2" F	400
AIR F	RELEASE		
0	Air vent valve	G 1/2" F	1935





## **HSK 750 PV**

Tank code: 16177 Insulation code: 18842

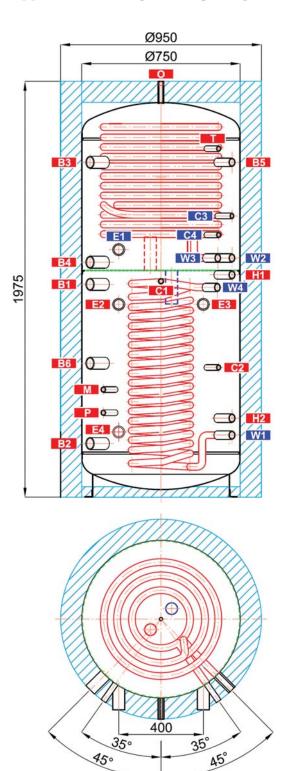
#### TECHNICAL DATA:

TOTAL TANK VOLUME	757 I
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 /	21 / 11 I
below the sheet	
MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS	10 bar
DHW HEAT EXCHANGERS SURFACE AREA -	6 / 3 m <sup>2</sup>
above /below the sheet	
VOLUME OF SUPPLIED DHW	784 I
(heated from 10°C to 40°C, at 8 l/min. flow rate	
and 60°C temperature in thermal store)	

#### 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
В3	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
В6	Incoming from heat source	G 6/4" F	635
HEAT	ING SYSTEM		
H1	Outgoing to heating system	G 1" F	1055
H2	Return from heating system	G 1" F	375
ELEC	TRIC 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
CON	ROL & 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
Т	Thermometer	G 1/2" F	1655
М	Pressure gauge	G 1/2" F	510
Р	Safety valve	G 1/2" F	400
AIR F	ELEASE		
0	Air vent valve	G 1/2" F	1975

For more information please consult Data Sheets on our website.



## **HSK 1000 PV**

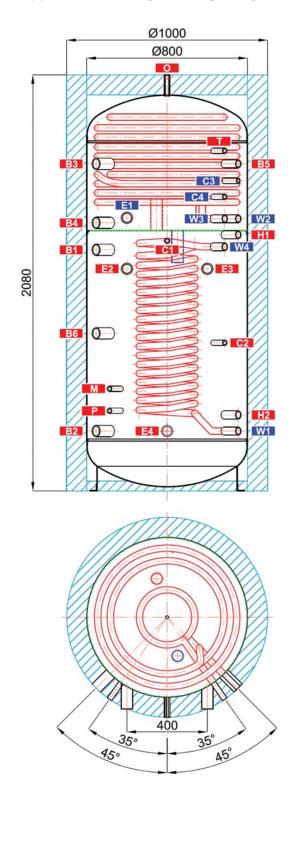
Tank code: 16180 Insulation code: 18845

#### **TECHNICAL DATA:**

TOTAL TANK VOLUME	9221
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 /	21 / 11 I
below the sheet	
MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS	10 bar
DHW HEAT EXCHANGERS SURFACE AREA -	6 / 3 m <sup>2</sup>
above /below the sheet	
VOLUME OF SUPPLIED DHW	8461
(heated from 10°C to 40°C, at 8 I/min. flow rate	
and 60°C temperature in thermal store)	

#### **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
В3	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
В6	Incoming from heat source	G 6/4" F	787
HEAT	ING SYSTEM		
H1	Outgoing to heating system	G 1" F	1280
H2	Return from heating system	G 1" F	380
ELEC	TRIC 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
CON	TROL & 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
Т	Thermometer	G 1/2" F	1700
М	Pressure gauge	G 1/2" F	510
Р	Safety valve	G 1/2" F	400
AIR F	RELEASE		
0	Air vent valve	G 1/2" F	2080



## **HSK 1700 PV**

Tank code: 16183 Insulation code: 18848

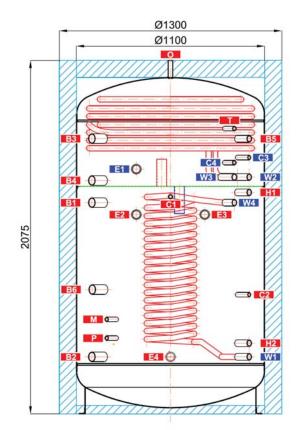
#### TECHNICAL DATA:

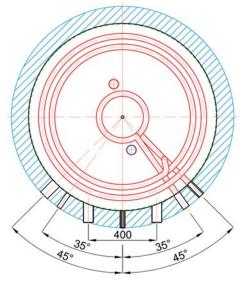
TOTAL TANK VOLUME  MAX. WORKING PRESSURE IN THERMAL STORE TIPPING HEIGHT WITHOUT INSULATION MAX. HEATING ELEMENT LENGTH	16841 3 bar 2350 mm 955 mm
DHW HEAT EXCHANGERS	
DHW HEAT EXCHANGERS VOLUME - above /	21 / 11 I
below the sheet	
MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS	10 bar
DHW HEAT EXCHANGERS SURFACE AREA -	6 / 3 m <sup>2</sup>
above /below the sheet	
VOLUME OF SUPPLIED DHW	1533 l
(heated from 10°C to 40°C, at 8 I/min. flow rate	
and 60°C temperature in thermal store)	

#### 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
В3	Incoming from heat source	G 6/4" F	1615
В4	Return to heat source	G 6/4" F	1370
B5	Incoming from heat source	G 1" F	1615
В6	Incoming from heat source	G 6/4" F	730
HEAT	ING SYSTEM		
H1	Outgoing to heating system	G 1" F	1300
H2	Return from heating system	G 1" F	1415
ELEC	TRIC 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
CON	TROL & 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
Т	Thermometer	G 1/2" F	1675
M	Pressure gauge	G 1/2" F	555
P	Safety valve	G 1/2" F	445
AIR F	RELEASE		
0	Air vent valve	G 1/2" F	2075

For more information please consult Data Sheets on our website.





## **HSK 390 PR**

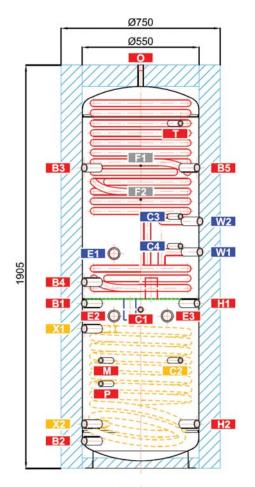
Tank code: 14172 Insulation code: 18723

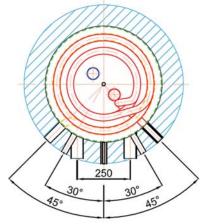
#### TECHNICAL DATA:

TOTAL TANK VOLUME MAX. WORKING PRESSURE IN THERMAL STORE TIPPING HEIGHT WITHOUT INSULATION MAX. HEATING ELEMENT LENGTH	3941 4 bar 1940 mm 555 mm
DHW HEAT EXCHANGERS	
DHW HEAT EXCHANGERS VOLUME - above /below the sheet MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS DHW HEAT EXCHANGERS SURFACE AREA - above /below the sheet	21 / I 10 bar 6 / m²
VOLUME OF SUPPLIED DHW	3211
(heated from 10°C to 40°C, at 8 l/min. flow rate	
and 60°C temperature in thermal store)	
SOLAR HEAT EXCHANGER	
SOLAR HEAT EXCHANGER VOLUME	91
MAX. WORKING PRESSURE IN HEAT EXCHANGER	10 bar
SOLAR HEAT EXCHANGER SURFACE AREA	1.5 m <sup>2</sup>

#### **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
В3	Incoming from heat source	G 1" F	1420
В4	Return to heat source	G 1" F	880
B5	Incoming from heat source	G 1" F	1420
HEAT	ING SYSTEM		
H1	Outgoing to heating system	G 1" F	780
H2	Return from heating system	G 1" F	210
SOLA	AR THERMAL SYSTEM		
X1	Incoming from solar collectors	G 1" F	660
X2	Return to solar collectors	G 1" F	210
ELEC	TRIC 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
CON	TROL & 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
Т	Thermometer	G 1/2" F	1630
М	Pressure gauge	G 1/2" F	510
P	Safety valve	G 1/2" F	400





pos.	descriptions	connec- tion	height [mm]
AIR R	ELEASE		
0	Air vent valve	G 1/2" F	1905
PUMF	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.

### **HSK 600 PR**

Tank code: 14187 Insulation code: 18838

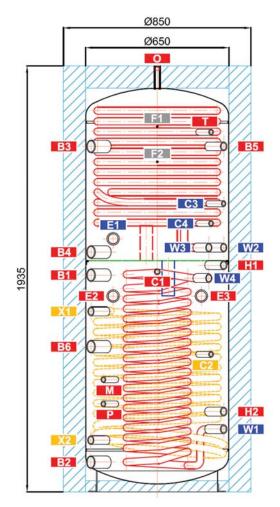
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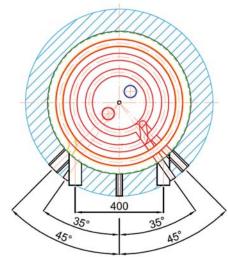
TOTAL TANK VOLUME  MAX. WORKING PRESSURE IN THERMAL STORE TIPPING HEIGHT WITHOUT INSULATION MAX. HEATING ELEMENT LENGTH	5531 4 bar 1970 mm 555 mm
DHW HEAT EXCHANGERS	000111111
DHW HEAT EXCHANGERS VOLUME - above /below the sheet MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS DHW HEAT EXCHANGERS SURFACE AREA - above /below the sheet	21 / 11 I 10 bar 6 / 3 m²
VOLUME OF SUPPLIED DHW	6691
(heated from 10°C to 40°C, at 8 l/min. flow rate	
and 60°C temperature in thermal store)	
SOLAR HEAT EXCHANGER	
SOLAR HEAT EXCHANGER VOLUME	13 I
MAX. WORKING PRESSURE IN HEAT EXCHANGER	10 bar
SOLAR HEAT EXCHANGER SURFACE AREA	2.4 m <sup>2</sup>

#### **CONNECTIONS:**

### 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   #### B6   Incoming from heat source   G 6/4" F   660   #### B6   Incoming from heat source   G 6/4" F   660   #### B6   Incoming from heat source   G 6/4" F   660   #### B7   Incoming from heating system   G 1" F   365   ### S0LAR THERMAL SYSTEM   ###	pos.	descriptions	connec- tion	height [mm]
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         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         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         110           W3         Recirculation         G 1" M         110           W4         Hot water         G 1" M         970           CONTROL & SAFETY         G 1" F         625	HEAT	SOURCES		
B3         Incoming from heat source         G 6/4" F 1090           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 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 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 1310           C4         Temperature sensor         G 1/2" F 1635           M         Pressure g	B1	Incoming from heat source		985
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         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         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           W3         Recirculation         G 1" M         970           CONTROL & SAFETY           C1         Temperature sensor         G 1/2" F         1000           C2         Temperature sensor         G 1/2" F <th>B2</th> <th>Return to heat source</th> <th>G 6/4" F</th> <th>135</th>	B2	Return to heat source	G 6/4" F	135
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 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 1310 C4 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	В3	Incoming from heat source	G 6/4" F	1570
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 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 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 1310 C4 Temperature sensor G 1/2" F 1320 T Thermometer G 1/2" F 1635 M Pressure gauge	В4	Return to heat source	G 6/4" F	1090
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         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         1310           C4         Temperature sensor         G 1/2" F         1635           M         Pressure gauge         G 1/2" F	B5	Incoming from heat source	G 1" F	1570
H1 Outgoing to heating system G1" F 365  SOLAR THERMAL SYSTEM X1 Incoming from solar collectors G1" F 235  ELECTRIC HEATING ELEMENTS E1 Electric heating element for DHW G6/4" F 890 E3 Electric heating element for heating G6/4" F 890  H1 Cold water G1" M 285 W2 Hot water G1" M 1110 W3 Recirculation G1" M 1110 W4 Hot water G1" M 970  CONTROL & SAFETY C1 Temperature sensor G1/2" F 1000 C2 Temperature sensor G1/2" F 1310 C4 Temperature sensor G1/2" F 1220 T Thermometer G1/2" F 1635 M Pressure gauge G1/2" F 510	В6	Incoming from heat source	G 6/4" F	660
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         890           E2         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         1310           C4         Temperature sensor         G 1/2" F         1220           T         Thermometer         G 1/2" F         510           M         Pressure gauge         G 1/2" F         510	HEAT	ING SYSTEM		
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         1635           M         Pressure gauge         G 1/2" F         510	H1	Outgoing to heating system	G 1" F	1030
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         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         1635           M         Pressure gauge         G 1/2" F         510	H2	Return from heating system	G 1" F	365
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         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         1635           M         Pressure gauge         G 1/2" F         510	SOLA	R THERMAL SYSTEM		
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         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         1635           M         Pressure gauge         G 1/2" F         510	X1	Incoming from solar collectors	G 1" F	820
E1         Electric heating element for DHW         G 6/4" F         1150           E2         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         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         1635           M         Pressure gauge         G 1/2" F         510	X2	Return to solar collectors	G 1" F	235
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         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         1635           M         Pressure gauge         G 1/2" F         510	ELEC	TRIC HEATING ELEMENTS		
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         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         1635           M         Pressure gauge         G 1/2" F         510	E1	Electric heating element for DHW	G 6/4" F	1150
DHW HEATING           W1         Cold water         G 1" M         285           W2         Hot water         G 1" M         1110           W3         Recirculation         G 1" M         970           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	E2	Electric heating element for heating	G 6/4" F	890
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	E3	Electric heating element for heating	G 6/4" F	890
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	DHW	HEATING		
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	W1	Cold water	G 1" M	285
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	W2	Hot water	G 1" M	1110
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	W3	Recirculation	G 1" M	1110
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	W4	Hot water	G 1" M	970
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	CON	TROL & SAFETY		
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	C1	Temperature sensor	G 1/2" F	1000
C4         Temperature sensor         G 1/2" F         1220           T         Thermometer         G 1/2" F         1635           M         Pressure gauge         G 1/2" F         510	C2	Temperature sensor	G 1/2" F	625
T         Thermometer         G 1/2" F         1635           M         Pressure gauge         G 1/2" F         510	C3	Temperature sensor	G 1/2" F	1310
M Pressure gauge G 1/2" F 510	C4	Temperature sensor	G 1/2" F	1220
	Т	Thermometer		1635
P Safety valve G 1/2" F 400	М	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	connec- tion	height [mm]
AIR R	ELEASE		
0	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

## **HSK 750 PR**

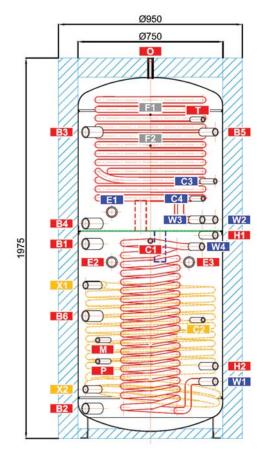
Tank code: 14190 Insulation code: 18841

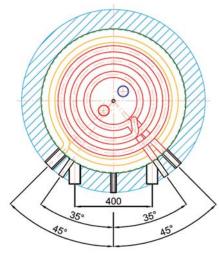
#### **TECHNICAL DATA:**

MAX. WORKING PRESSURE IN THERMAL STORE 4	53 I bar 60 mm
TIPPING HEIGHT WITHOUT INSULATION 203	0 mm
111 1110 11E10111 111111001 11100E/411011	
MAX. HEATING ELEMENT LENGTH 700	0 mm
DHW HEAT EXCHANGERS	
DHW HEAT EXCHANGERS VOLUME - above /below the sheet 21	/ 111
MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS 10	bar
DHW HEAT EXCHANGERS SURFACE AREA - 6 /	3 m <sup>2</sup>
above /below the sheet	
VOLUME OF SUPPLIED DHW 7	84 I
(heated from 10°C to 40°C, at 8 l/min. flow rate	
and 60°C temperature in thermal store)	
SOLAR HEAT EXCHANGER	
SOLAR HEAT EXCHANGER VOLUME	15 I
MAX. WORKING PRESSURE IN HEAT EXCHANGER 10	bar
SOLAR HEAT EXCHANGER SURFACE AREA 2.5	5 m²

#### **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
В3	Incoming from heat source	G 6/4" F	1590
В4	Return to heat source	G 6/4" F	1115
B5	Incoming from heat source	G 1" F	1590
В6	Incoming from heat source	G 6/4" F	635
HEAT	ING SYSTEM		
H1	Outgoing to heating system	G 1" F	1055
H2	Return from heating system	G 1" F	375
SOLA	AR THERMAL SYSTEM		
X1	Incoming from solar collectors	G 1" F	795
X2	Return to solar collectors	G 1" F	255
ELEC	TRIC 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
CONT	TROL & 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
Р	Safety valve	G 1/2" F	400





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

## **HSK 1000 PR**

Tank code: 14012 Insulation code: 18844

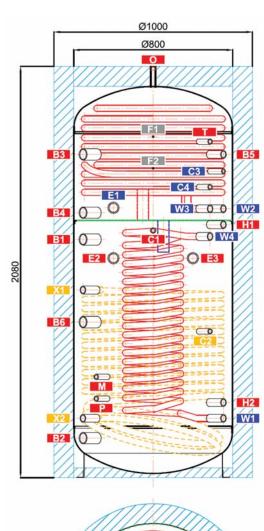
#### TECHNICAL DATA:

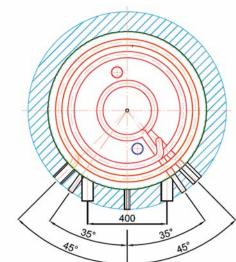
TOTAL TANK VOLUME	9161
MAX. WORKING PRESSURE IN THERMAL STORE	4 bar
TIPPING HEIGHT WITHOUT INSULATION	2120 mm
MAX. HEATING ELEMENT LENGTH	755 mm
DHW HEAT EXCHANGERS	
DHW HEAT EXCHANGERS VOLUME - above /below the sheet	21 / 11 I
MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS	10 bar
DHW HEAT EXCHANGERS SURFACE AREA -	6 / 3 m <sup>2</sup>
above /below the sheet	
VOLUME OF SUPPLIED DHW (heated from 10°C	8461
to 40°C, at 8 I/min. flow rate and 60°C tempera-	
ture in thermal store)	
SOLAR HEAT EXCHANGER	
SOLAR HEAT EXCHANGER VOLUME	181
MAX. WORKING PRESSURE IN HEAT EXCHANGER	10 bar
SOLAR HEAT EXCHANGER SURFACE AREA	3.2 m <sup>2</sup>

#### 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
В3	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
В6	Incoming from heat source	G 6/4" F	787
HEAT	ING SYSTEM		
H1	Outgoing to heating system	G 1" F	1280
H2	Return from heating system	G 1" F	380
SOLA	R THERMAL SYSTEM		
X1	Incoming from solar collectors	G 1" F	950
X2	Return to solar collectors	G 1" F	300
ELEC	TRIC 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
CON	TROL & 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
М	Pressure gauge	G 1/2" F	510
Р	Safety valve	G 1/2" F	400

For more information please consult Data Sheets on our website.





pos.	descriptions	connec- tion	height [mm]		
AIR RELEASE					
0	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		

## **HSK 1700 PR**

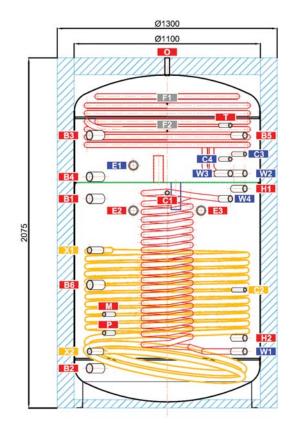
Tank code: 14013 Insulation code: 18847

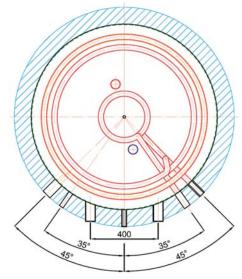
#### TECHNICAL DATA:

TOTAL TANK VOLUME  MAX. WORKING PRESSURE IN THERMAL STORE TIPPING HEIGHT WITHOUT INSULATION  MAX. HEATING ELEMENT LENGTH  DHW HEAT EXCHANGERS	1676 l 3 bar 2190 mm 955 mm
DHW HEAT EXCHANGERS VOLUME - above /below the sheet MAX. WORKING PRESSURE IN DHW HEAT EXCHANGERS DHW HEAT EXCHANGERS SURFACE AREA - above /below the sheet	21 / 11 I 10 bar 6 / 3 m²
VOLUME OF SUPPLIED DHW (heated from 10°C to 40°C, at 8 l/min. flow rate and 60°C temperature in thermal store) SOLAR HEAT EXCHANGER	15331
SOLAR HEAT EXCHANGER VOLUME MAX. WORKING PRESSURE IN HEAT EXCHANGER SOLAR HEAT EXCHANGER SURFACE AREA	22 l 10 bar 4 m²

#### **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			
В3	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			
В6	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			
ELEC	TRIC 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			
CON	TROL & 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			
Т	Thermometer	G 1/2" F	1675			
М	Pressure gauge	G 1/2" F	555			
P	Safety valve	G 1/2" F	445			





pos.	descriptions	connec- tion	height [mm]	
AIR RELEASE				
0	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	