

Huray Storage Tanks



- Very wide selection:
- Heating
- Cooling
- Domestic hot water
- From 150 to 5000 liters
- Standing stock
- Flexible shipment
- Good value for money
- 3 years tank warranty
- Custom made tanks



Main Features

- **The maximum operating pressure of the hot water:**
- Indirect hot water storage tanks
 - From 150 to 1000 liters 1,0 MPa (10bar)
 - From 1500 to 2000 liters 0,6 MPa (6bar)
- Hot water buffer, combined buffer and cooling buffer
 - From 100 to 2000 liters 0,6 MPa (6bar)
- Heating buffers
 - From 300 to 5000 liters 0,3 MPa (3bar)
- Maximum operating temperature: 95 °C



Main Features

- **Thick polyurethane insulation, low heat loss**
- 50 mm thick, hard insulations from 200 to 500 liters.
- 100 mm thick, soft insulation from 800 to 5000 liters.
- 30 mm thick hard, vapor barrier insulation for cooling buffer.
- The outer PVC jacket is orange or gray.
- The outer cover can be removed to be cleaned.



Main Features

- **Electric heating can be installed**



3,0 kW, 400 V, 3 phases

4,5 kW, 400 V, 3 phases

6,0 kW, 400 V, 3 phases

9,0 kW, 400 V, 3 phases



Dhw Storage Tank Properties

- **Smooth enamelled interior surface burned in at 850 C.**
- Prevents corrosion of the vessel for a long time.
- It is hard for organic impurities and limescale to adhere to the delicate surface.
- Longer lifetime for the tank, healthier water quality.



Dhw Storage Tank Properties

- **Inspection and cleaning ports.**
- It provides easy removal of dirt deposited on the bottom of the vessel.
- The opening diameter
 - From 200 to 1000 liters Ø 180 mm
 - From 1500 to 2000 liters Ø 300 mm

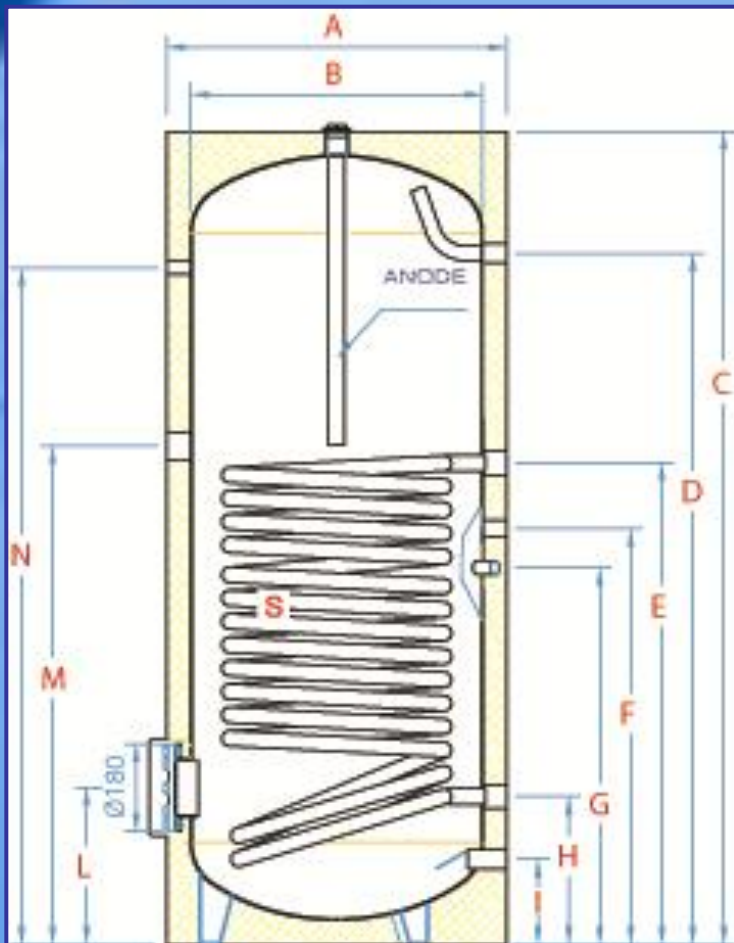


Dhw Storage Tank Properties

- **Large built-in magnesium anode or external current anode.**
- It prevents electrolytic corrosion due to dissolved mineral salts and other impurities in the water.
- It effectively protects the tank and the threaded connections.
- Active anode from 200 to 1000 liters.
- Electrical anode from 1500 to 2000 liters.



Domestic hot water tank with a built-in heat exchanger



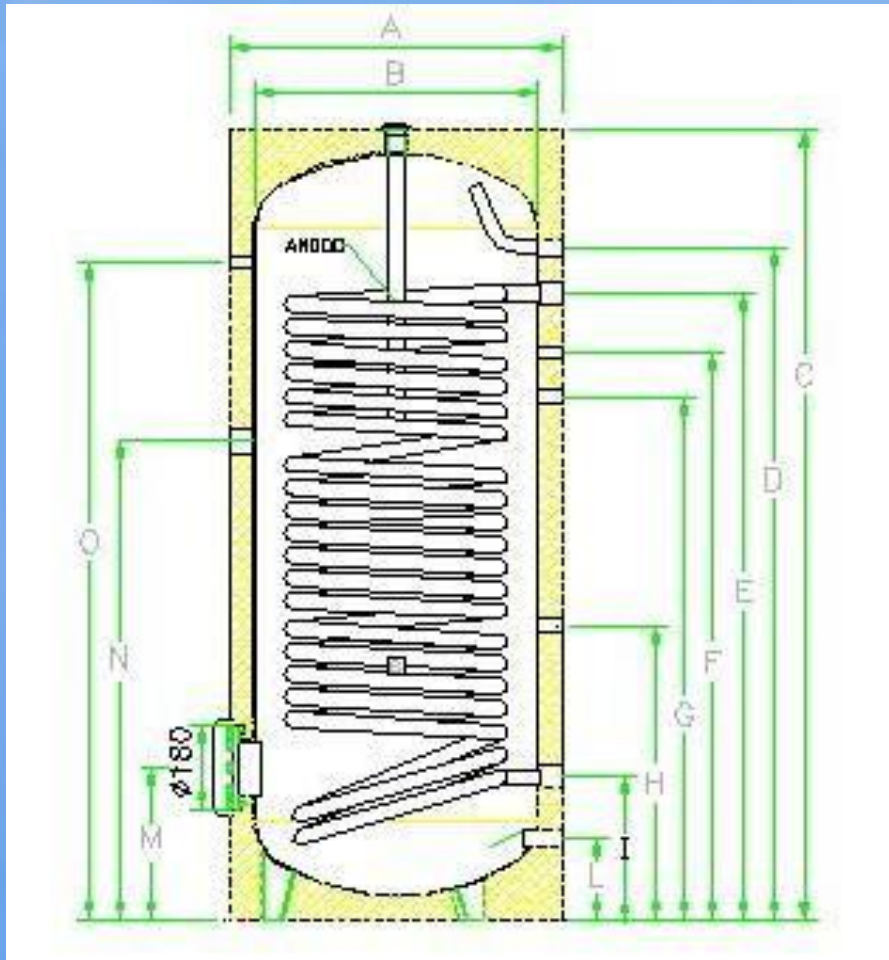
- Q7 150 ZJV
- Q7 200 ZJV
- Q7 300 ZJV
- Q7 400 ZJV
- Q7 500 ZJV
- Q7 800 ZJV
- Q7 1000 ZJV
- Q7 1500 ZJV
- Q7 2000 ZJV

Domestic hot water tank with a built-in heat exchanger

Model/Product	Volume liter	Heat exchanger kW	Outside Ø mm	Tank Ø mm	Total height mm	kg	Optional electrical heating is possible
Q7 150 ZJV	150	25	610	500	1005	65	
Q7 200 ZJV	200	40	610	500	1290	80	
Q7 300 ZJV	300	50	610	500	1680	93	
Q7 400 ZJV	400	57	710	600	1670	125	
Q7 500 ZJV	500	70	760	650	1680	145	
Q7 800 ZJV	800	98	1000	800	1870	210	
Q7 1000 ZJV	1000	120	1000	800	2120	245	
Q7 1500 ZJV	1500	120	1200	1000	2225	365	
Q7 2000 ZJV	2000	135	1400	1200	2315	450	

Model/Product	Heat exchanger surface m ²	Volume flow m ³ /h	Pressure drop mbar	Heat exchanger volume liter	Heat loss kWh/24 h
Q7 150 ZJV	1	1,2	42	5	1,4
Q7 200 ZJV	1,5	1,7	105	8	1,6
Q7 300 ZJV	1,7	2,2	210	9	1,9
Q7 400 ZJV	2	2,5	240	11	2,3
Q7 500 ZJV	2,5	2,9	390	15	2,7
Q7 800 ZJV	3,4	4,3	1080	18	3,5
Q7 1000 ZJV	4	5,2	1900	22	4,7
Q7 1500 ZJV	4	5,2	260	30	5,6
Q7 2000 ZJV	4,5	5,6	390	38	6,8

Domestic hot water tank with an increased heat exchangers for heat pumps



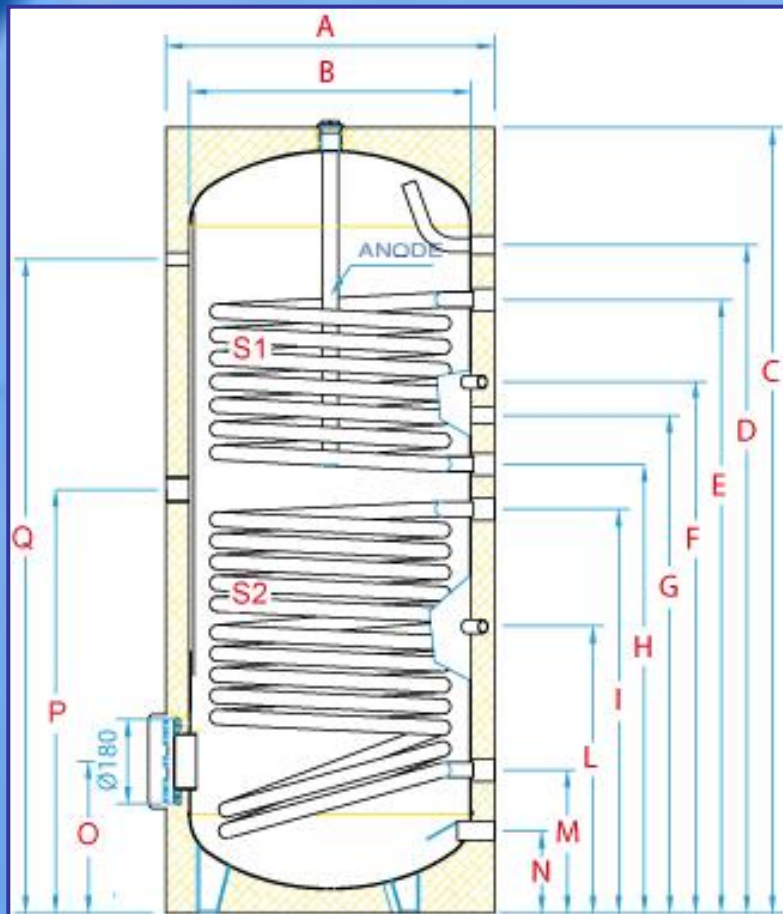
- Q7 300 WWM
- Q7 400 WWM
- Q7 500 WWM

Domestic hot water tank with an increased heat exchangers for heat pumps

Model/Product	Volume liter	Heat exchanger kW	Outside Ø mm	Tank Ø mm	Total height mm	kg	Optional electrical heating is possible
Q7 300 WWM	300	110	610	500	1680	120	
Q7 400 WWM	400	130	710	600	1670	160	
Q7 500 WWM	500	145	760	650	1680	180	

Model/Product	Heat exchanger surface m ²	Volume flow m ³ /h	Pressure drop mbar	Heat exchanger volume liter	Heat loss kWh/24 h
Q7 300 WWM	4	4,8	1730	20	2
Q7 400 WWM	4,7	5,6	1860	25	2,3
Q7 500 WWM	5,2	6,2	1900	28	2,7

Domestic hot water tank with two built-in heat exchangers



- Q7 200 ZDV
- Q7 300 ZDV
- Q7 400 ZDV
- Q7 500 ZDV
- Q7 800 ZDV
- Q7 1000 ZDV
- Q7 1500 ZDV
- Q7 2000 ZDV

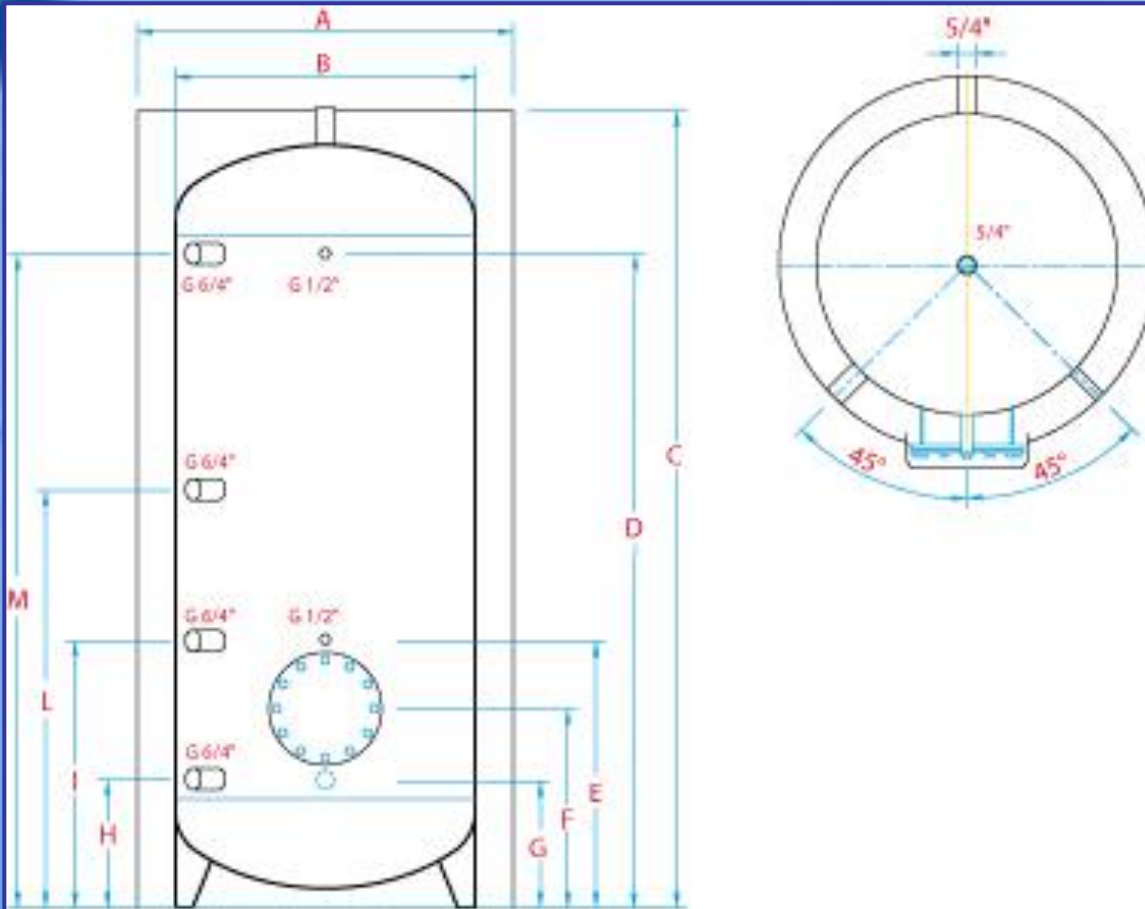
Domestic hot water tank with two built-in heat exchangers

Model/Product	Volume liter	Heat exchanger kW	Outside Ø mm	Tank Ø mm	Total height mm	kg	Optional electrical heating is possible
Q7 200 ZDV	200	25/40	610	500	1290	90	
Q7 300 ZDV	300	25/40	610	500	1685	105	
Q7 400 ZDV	400	25/52	710	600	1670	135	
Q7 500 ZDV	500	25/58	760	650	1680	155	
Q7 800 ZDV	800	40/70	1000	800	1870	225	
Q7 1000 ZDV	1000	42/98	1000	800	2120	260	
Q7 1500 ZDV	1500	57/120	1200	1000	2225	400	
Q7 2000 ZDV	2000	57/135	1400	1200	2315	480	

Domestic hot water tank with two built-in heat exchangers

Model/Product	Heat exchanger surface m ²	Volume flow m ³ /h	Pressure drop mbar	Heat exchanger volume liter	Heat loss kWh/24 h
Upper heat exchanger					
Q7 200 ZDV	1,5	1,7	105	8	1,6
Q7 300 ZDV	1,5	1,7	105	8	1,9
Q7 400 ZDV	1,8	2,3	200	9,5	2,3
Q7 500 ZDV	2,1	2,6	245	11	2,7
Q7 800 ZDV	2,5	2,9	390	15	3,5
Q7 1000 ZDV	3,4	4,3	1080	18	4,7
Q7 1500 ZDV	4	5,2	260	30	5,6
Q7 2000 ZDV	4,5	5,6	390	38	6,8
Lower heat exchanger					
Q7 200 ZDV	0,8	0,9	35	4	1,6
Q7 300 ZDV	1	1,2	42	5,5	1,9
Q7 400 ZDV	1	1,2	42	5,5	2,3
Q7 500 ZDV	1	1,2	42	5,5	2,7
Q7 800 ZDV	1,5	1,7	105	8,5	3,5
Q7 1000 ZDV	1,5	1,7	105	8,5	4,7
Q7 1500 ZDV	2	2,5	52	18	5,6
Q7 2000 ZDV	2	2,5	52	18	6,8

Domestic hot water tank without a built-in heat exchanger

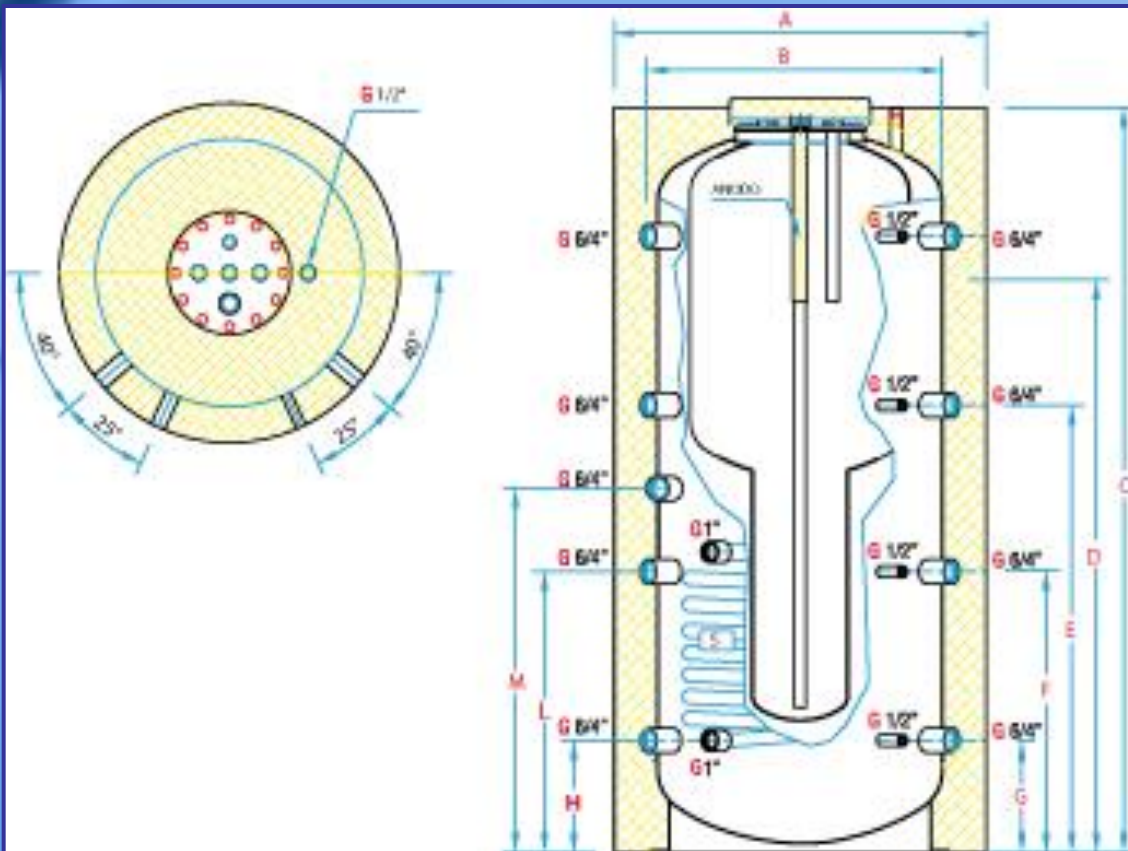


- Q7 200 ZBV
- Q7 300 ZBV
- Q7 400 ZBV
- Q7 500 ZBV
- Q7 800 ZBV
- Q7 1000 ZBV
- Q7 1500 ZBV
- Q7 2000 ZBV

Domestic hot water tank without a built-in heat exchanger

Model/Product	Volume liter	Heat exchanger kW	Outside Ø mm	Tank Ø mm	Total height mm	kg	Optional electrical heating is possible
Q7 200 ZBV	200	-	610	500	1300	70	
Q7 300 ZBV	300	-	610	500	1700	80	
Q7 400 ZBV	400	-	710	600	1670	105	
Q7 500 ZBV	500	-	760	650	1700	120	
Q7 800 ZBV	800	-	1000	800	1880	175	
Q7 1000 ZBV	1000	-	1000	800	2130	200	
Q7 1500 ZBV	1500	-	1200	1000	2225	295	
Q7 2000 ZBV	2000	-	1400	1200	2315	360	

Combined hot water tank with a built-in heat exchanger



- Q7 500/180 ZVN
- Q7 800/230 ZVN
- Q7 1000/250 ZVN
- Q7 1500/300 ZVN
- Q7 2000/400 ZVN

Combined hot water tank with a built-in heat exchanger

Model/Product	Volume liter	Heat exchanger kW	Outside Ø mm	Tank Ø mm	Total height mm	kg	Optional electrical heating is possible
Q7 500/180 ZVN	500/180	62	850	650	1700	160	
Q7 800/230 ZVN	800/230	70	990	790	1780	190	
Q7 1000/250 ZVN	1000/250	84	990	790	2030	215	
Q7 1500/300 ZVN	1500/300	98	1200	1000	2070	280	
Q7 2000/400 ZVN	2000/400	126	1400	1200	2145	355	

Model/Product	Heat exchanger surface m ²	Volume flow m ³ /h	Pressure drop mbar	Heat exchanger volume liter	Heat loss kWh/24 h
Q7 500/180 ZVN	2,2	2,8	308	11	3,2
Q7 800/230 ZVN	2,5	3	350	14	3,5
Q7 1000/250 ZVN	3	3,7	650	17	4,7
Q7 1500/300 ZVN	3,5	4,4	1050	19	5,6
Q7 2000/400 ZVN	4,5	5,6	1850	27	6,8

Combined hot water tank with two built-in heat exchangers

Model/Product	Volume liter	Heat exchanger kW	Outside Ø mm	Tank Ø mm	Total height mm	kg	Optional electrical heating is possible
Q7 500/180 KFF	500/180	42/62	850	650	1700	160	
Q7 800/230 KFF	800/230	42/70	990	790	1780	190	
Q7 1000/250 KFF	1000/250	70/84	990	790	2030	215	
Q7 1500/300 KFF	1500/300	70/98	1200	1000	2070	280	
Q7 2000/400 KFF	2000/400	84/126	1400	1200	2145	355	

Model/Product	Heat exchanger surface m ²	Volume flow m ³ /h	Pressure drop mbar	Heat exchanger volume liter	Heat loss kWh/24 h
	Upper	Lower is the same as in Model ZVN			
Q7 500/180 KFF	1,5	1,7	195	9,5	3,2
Q7 800/230 KFF	1,5	1,7	195	9,5	3,5
Q7 1000/230 KFF	2,5	3	350	15	4,7
Q7 1500/300 KFF	2,5	3	350	15	5,6
Q7 2000/400 KFF	3	3,7	650	19	6,8

Combined hot water tank without a built-in heat exchanger

- Q7 500/180 KFN
- Q7 800/230 KFN
- Q7 1000/250 KFN
- Q7 1500/300 KFN
- Q7 2000/400 KFN

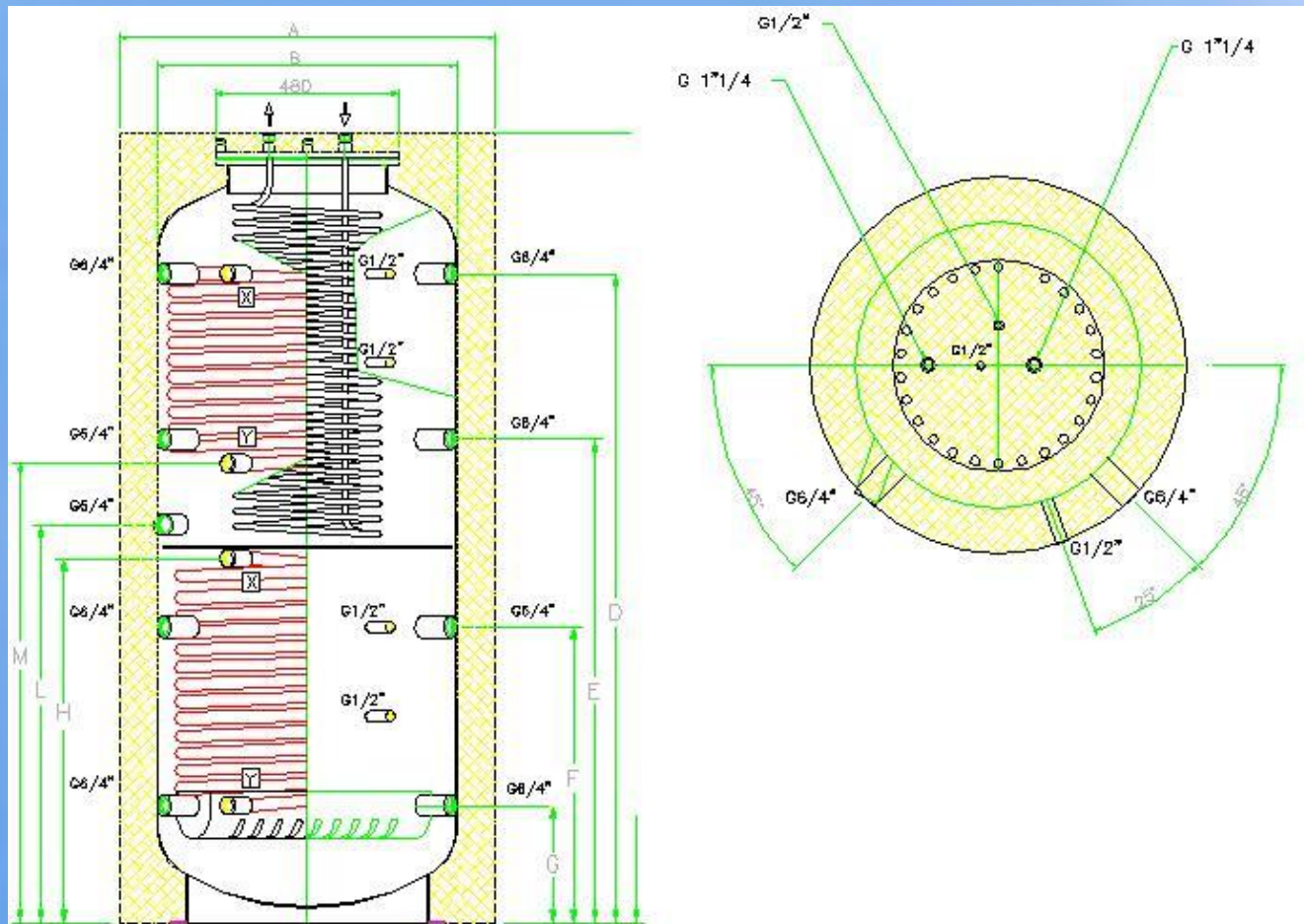
Model/Product	Volume liter	Heat exchanger kW	Outside Ø mm	Tank Ø mm	Total height mm	kg	Optional electrical heating is possible
Q7 500/180 KFN	500/180	-	850	650	1700	160	
Q7 800/230 KFN	800/230	-	990	790	1780	190	
Q7 1000/250 KFN	1000/250	-	990	790	2030	215	
Q7 1500/300 KFN	1500/300	-	1200	1000	2070	280	
Q7 2000/400 KFN	2000/400	-	1400	1200	2145	355	

Combined hot water tank for instantaneous hot water supply and one built-in heat exchanger

Model/Product	Volume liter	Heat exchanger kW	Outside Ø mm	Tank Ø mm	Total height mm	kg	Optional electrical heating is possible
Q7 500 S	500	40	850	650	1750	190	
Q7 800 S	800	57	990	790	1830	240	
Q7 1000 S	1000	70	990	790	2080	285	
Q7 1500 S	1500	70	1200	1000	2120	375	
Q7 2000 S	2000	85	1400	1200	2195	440	

Model/Product	Heat exchanger surface m ²	Volume flow m ³ /h	Pressure drop mbar	Heat exchanger volume liter	Heat loss kWh/24 h
Q7 500 S	2,2	2,8	308	11	3,2
Q7 800 S	2,5	3	350	14	3,5
Q7 1000 S	3	3,7	650	17	4,7
Q7 1500 S	3,5	4,4	1080	19	5,6
Q7 2000 S	4,5	5,6	1850	27	6,8

Combined hot water tank for instantaneous hot water supply and two built-in heat exchangers



Q7 500SS

Q7 800SS

Q7 1000SS

Q7 1500SS

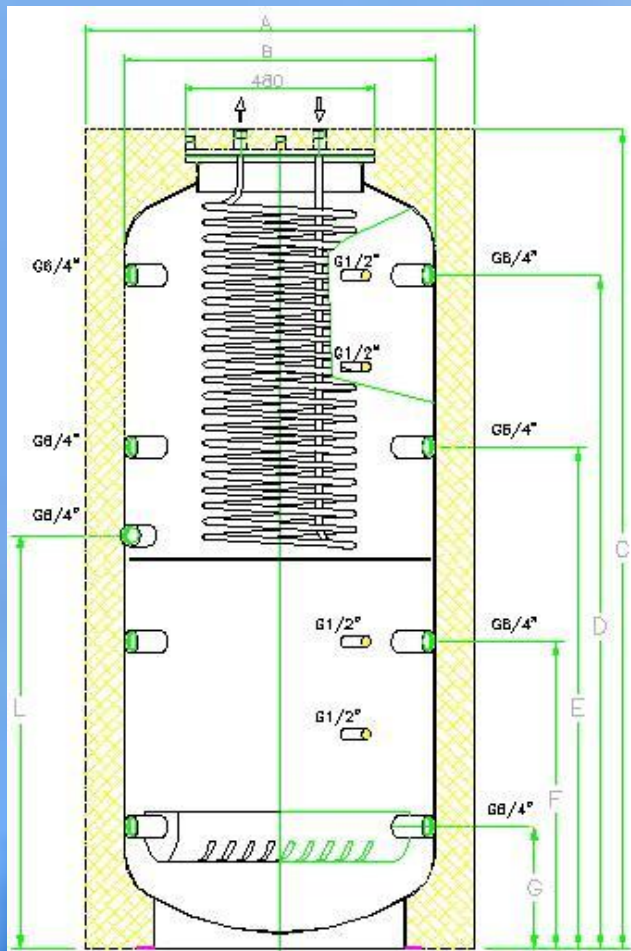
Q7 2000SS

Combined hot water tank for instantaneous hot water supply and two built-in heat exchangers

Model/Product	Volume liter	Heat exchanger kW	Outside Ø mm	Tank Ø mm	Total height mm	kg	Optional electrical heating is possible
Q7 500 SS	500	40/70	850	650	1750	190	
Q7 800 SS	800	57/70	990	790	1830	240	
Q7 1000 SS	1000	70/85	990	790	2080	285	
Q7 1500 SS	1500	70/100	1200	1000	2120	375	
Q7 2000 SS	2000	85/135	1400	1200	2195	440	

Model/Product	Heat exchanger surface m ²	Volume flow m ³ /h	Pressure drop mbar	Heat exchanger volume liter	Heat loss kWh/24 h
	Upper	Lower is the same as in Model S			
Q7 500 SS	1,5	1,7	195	9,5	3,2
Q7 800 SS	1,5	1,7	195	9,5	3,5
Q7 1000 SS	2,5	3	350	15	4,7
Q7 1500 SS	2,5	3	350	15	5,6
Q7 2000 SS	3	3,7	650	19	6,8

Combined hot water tank for instantaneous hot water supply and without a built-in heat exchanger



- Q7 500B
- Q7 800B
- Q7 1000B
- Q7 1500B
- Q7 2000B

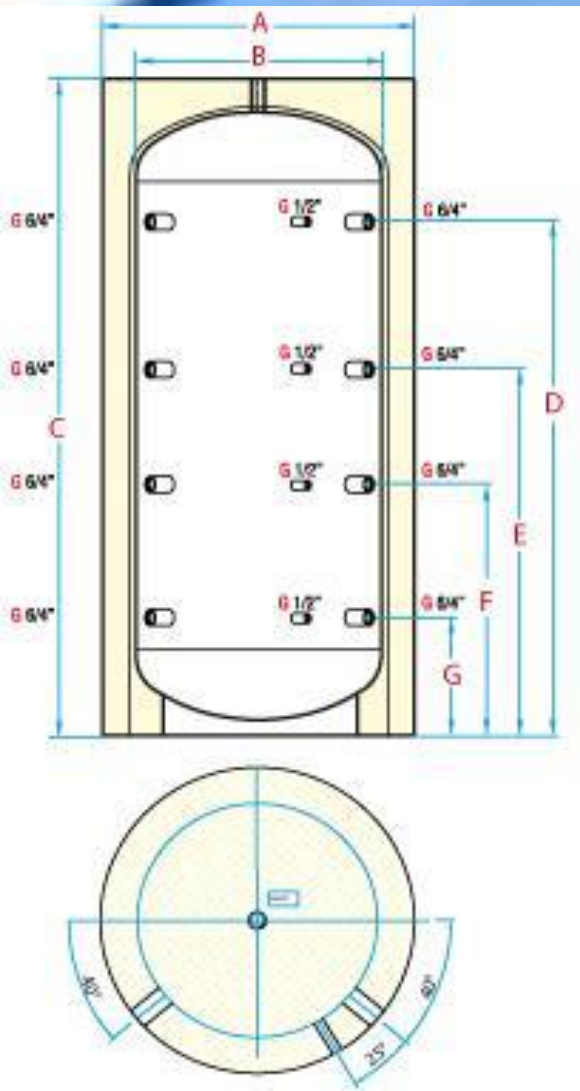
Combined hot water tank for instantaneous hot water supply and without a built-in heat exchanger

Model/Product	Volume liter	Heat exchanger kW	Outside Ø mm	Tank Ø mm	Total height mm	kg	Optional electrical heating is possible
Q7 500 B	500	-	850	650	1750	190	
Q7 800 B	800	-	990	790	1830	240	
Q7 1000 B	1000	-	990	790	2080	285	
Q7 1500 B	1500	-	1200	1000	2120	375	
Q7 2000 B	2000	-	1400	1200	2195	440	

Variants for instantaneous hot water heat exchanger made of stainless steel AISI 316

Model/Product	Volume liter	Type O		Type C	
		Rigid smooth tube		Flexible corrugated tube	
		m2	Water content in liters	m2	Water content in liters
Q7 500 B/S/SS	500	3	15,6	6	18,6
Q7 800 B/S/SS	800	3	15,6	6	18,6
Q7 1000 B/S/SS	1000	4	21,2	7,5	23,2
Q7 1500 B/S/SS	1500	5,3	27,8	8,5	29,6
Q7 2000 B/S/SS	2000	5,3	27,8	8,5	29,6

Heating buffer tank without built-in heat exchanger

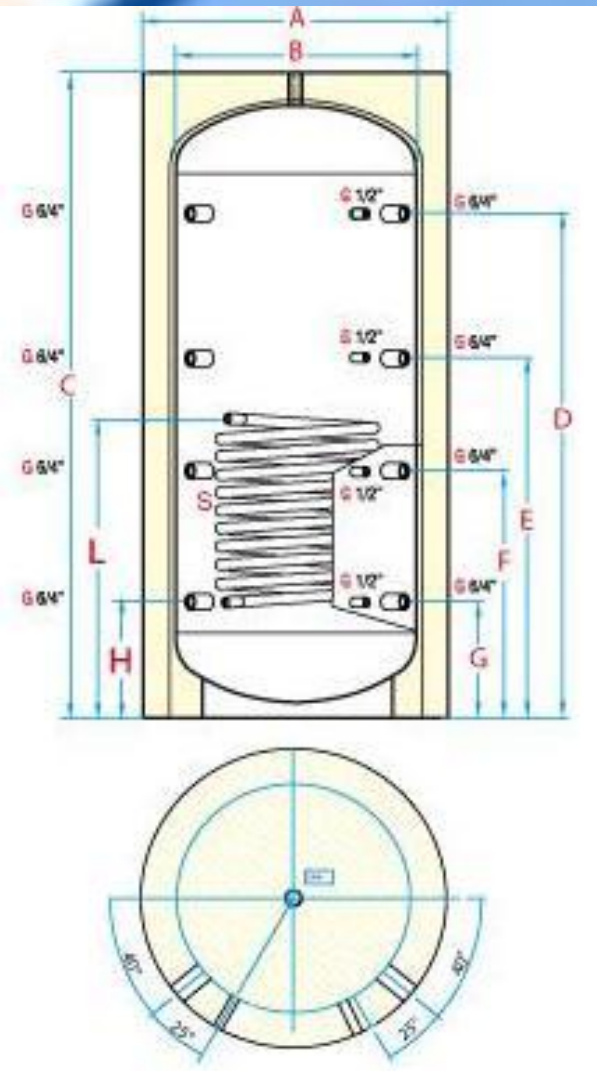


- Q7 300 PS
- Q7 500 PS
- Q7 800 PS
- Q7 1000 PS
- Q7 1250 PS
- Q7 1500 PS
- Q7 2000 PS
- Q7 3000 PS
- Q7 4000 PS
- Q7 5000 PS

Heating buffer tank without built-in heat exchanger

Model/Product	Volume liter	Heat exchanger kW	Outside Ø mm	Tank Ø mm	Total height mm	kg	Optional electrical heating is possible
Q7 50 PS	50	-	500	400	600	21	
Q7 100 PS	100	-	500	400	925	27	
Q7 200 PS	200	-	600	500	1155	40	
Q7 300 PS	300	-	650	500	1660	60	
Q7 500 PS	500	-	850	650	1750	86	
Q7 800 PS	800	-	990	790	1830	125	
Q7 1000 PS	1000	-	990	790	2080	138	
Q7 1500 PS	1500	-	1200	1000	2120	215	
Q7 2000 PS	2000	-	1400	1200	2195	265	
Q7 3000 PS	3000	-	1450	1250	2750	360	
Q7 4000 PS	4000	-	1600	1400	2860	420	
Q7 5000 PS	5000	-	1800	1600	2920	520	

Heating buffer tank with a built-in heat exchanger



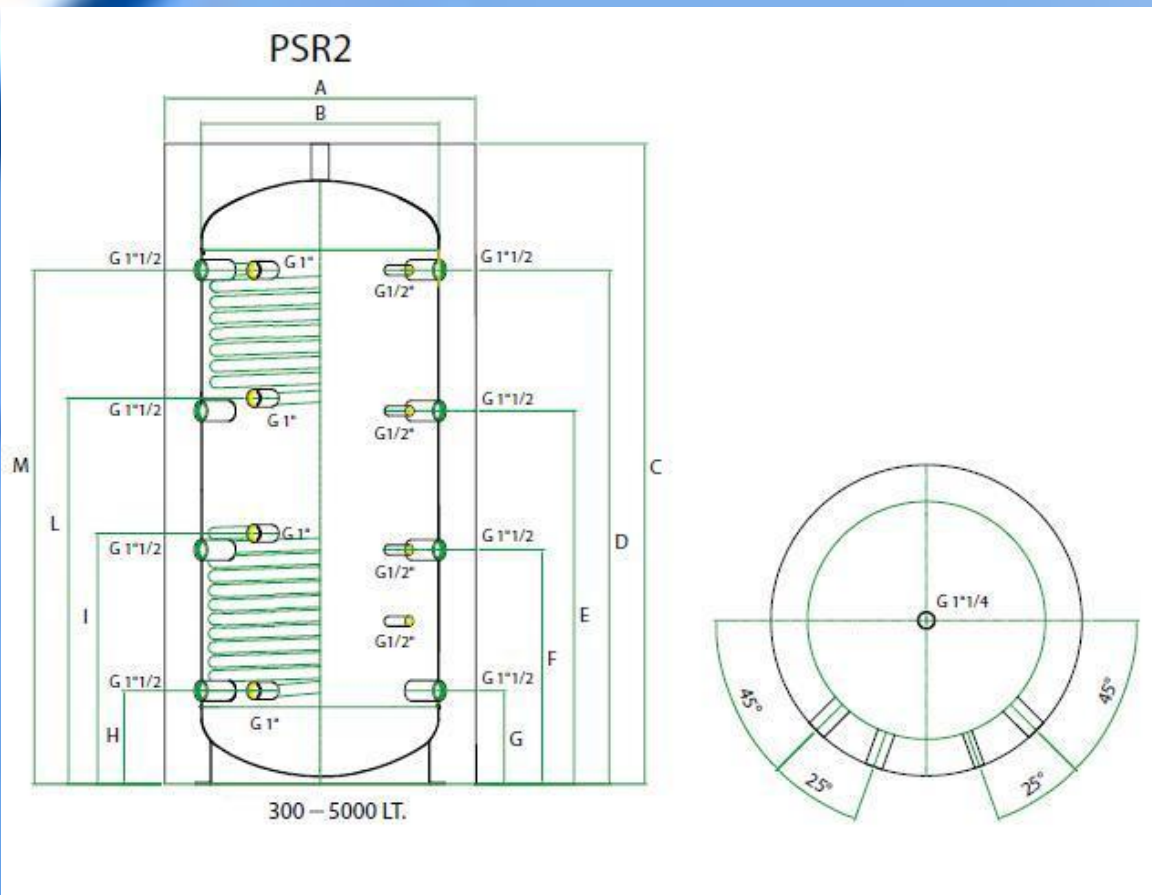
- Q7 300 PSR
- Q7 500 PSR
- Q7 800 PSR
- Q7 1000 PSR
- Q7 1250 PSR
- Q7 1500 PSR
- Q7 2000 PSR
- Q7 3000 PSR
- Q7 4000 PSR
- Q7 5000 PSR

Heating buffer tank with a built-in heat exchanger

Model/Product	Volume liter	Heat exchanger kW	Outside Ø mm	Tank Ø mm	Total height mm	kg	Optional electrical heating is possible
Q7 100 PSR	100	14	500	400	925	35	
Q7 200 PSR	200	28	600	500	1155	50	
Q7 300 PSR	300	42	650	500	1660	78	
Q7 500 PSR	500	62	850	650	1750	110	
Q7 800 PSR	800	70	990	790	1830	160	
Q7 1000 PSR	1000	84	990	790	2080	180	
Q7 1500 PSR	1500	98	1200	1000	2120	275	
Q7 2000 PSR	2000	126	1400	1200	2195	330	
Q7 3000 PSR	3000	126	1450	1250	2750	430	
Q7 4000 PSR	4000	140	1600	1400	2860	490	
Q7 5000 PSR	5000	168	1800	1600	2920	600	

Model/Product	Heat exchanger surface m ²	Volume flow m ³ /h	Pressure drop mbar	Heat exchanger volume liter	Heat loss kWh/24 h
Q7 100 PSR	0,5	0,7	65	3,5	1,8
Q7 200 PSR	1	1,2	125	5	2,1
Q7 300 PSR	1,5	1,7	195	8	2,5
Q7 500 PSR	2,2	2,8	308	11	3,2
Q7 800 PSR	2,5	3	350	14	3,5
Q7 1000 PSR	3	3,7	650	17	4,7
Q7 1500 PSR	3,5	4,4	1050	19	5,6
Q7 2000 PSR	4,5	5,6	1850	27	6,8
Q7 3000 PSR	4,5	5,6	1850	27	9
Q7 4000 PSR	5	6	1910	30	10,5
Q7 5000 PSR	6	7,3	1980	34	12

Heating buffer tank with two built-in heat exchangers



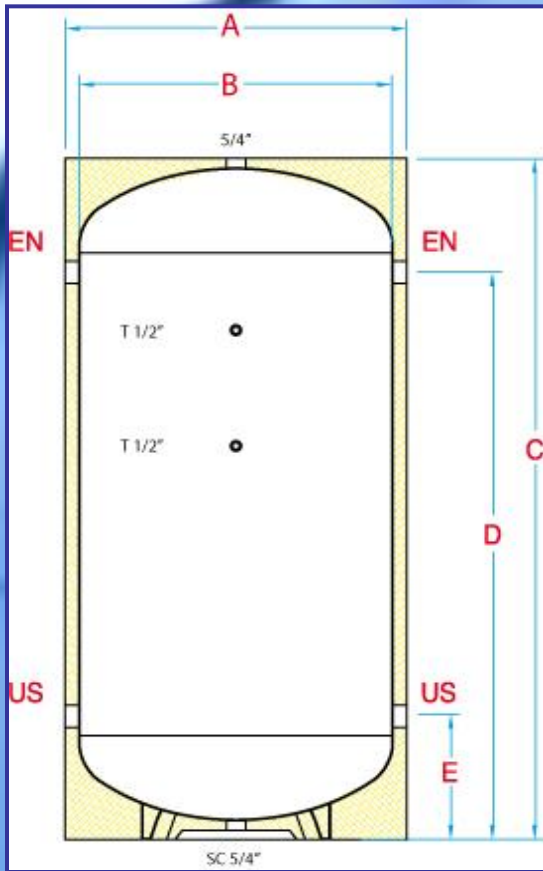
- Q7 300 PSR2
- Q7 500 PSR2
- Q7 800 PSR2
- Q7 1000 PSR2
- Q7 1250 PSR2
- Q7 1500 PSR2
- Q7 2000 PSR2
- Q7 3000 PSR2
- Q7 4000 PSR2
- Q7 5000 PSR2

Heating buffer tank with two built-in heat exchangers

Model/Product	Volume liter	Heat exchanger kW	Outside Ø mm	Tank Ø mm	Total height mm	kg	Optional electrical heating is possible
Q7 300 PSR2	300	28/42	650	500	1660	88	
Q7 500 PSR2	500	42/62	850	650	1750	130	
Q7 800 PSR2	800	42/70	990	790	1830	186	
Q7 1000 PSR2	1000	70/84	990	790	2080	220	
Q7 1500 PSR2	1500	70/98	1200	1000	2120	305	
Q7 2000 PSR2	2000	84/126	1400	1200	2195	375	
Q7 3000 PSR2	3000	98/126	1450	1250	2750	470	
Q7 4000 PSR2	4000	126/140	1600	1400	2860	550	
Q7 5000 PSR2	5000	126/168	1800	1600	2920	670	

Model/Product	Heat exchanger surface m ²	Volume flow m ³ /h	Pressure drop mbar	Heat exchanger volume liter	Heat loss kWh/24 h
	Upper	Lower is the same as in Model PSR			
Q7 300 PSR2	1	1,2	125	5	2,5
Q7 500 PSR2	1,5	1,7	195	9,5	3,2
Q7 800 PSR2	1,5	1,7	195	9,5	3,5
Q7 1000 PSR2	2,5	3	350	15	4,7
Q7 1500 PSR2	2,5	3	350	15	5,6
Q7 2000 PSR2	3	3,7	650	19	6,8
Q7 3000 PSR2	3,5	4,4	1050	19	9
Q7 4000 PSR2	4,5	5,6	1850	27	10,5
Q7 5000 PSR2	4,5	5,6	1850	27	12

Cooling buffer tank



- Q7 100 RG
- Q7 200 RG
- Q7 300 RG
- Q7 500 RG
- Q7 750 RG
- Q7 1000 RG

Model/Product	Volume liter	Heat exchanger kW	Outside Ø mm	Tank Ø mm	Total height mm	kg
Q7 100 RG	100	-	460	400	900	27
Q7 200 RG	200	-	560	500	1325	46
Q7 300 RG	300	-	560	500	1625	55
Q7 500 RG	500	-	710	650	1635	80
Q7 750 RG	750	-	860	790	1765	115

Optional electrical heating is NOT possible

Huray Storage Tanks

Please contact us for Your offer.

- huray@huray.hu
- www.huray.eu

Thank you for Your attention.