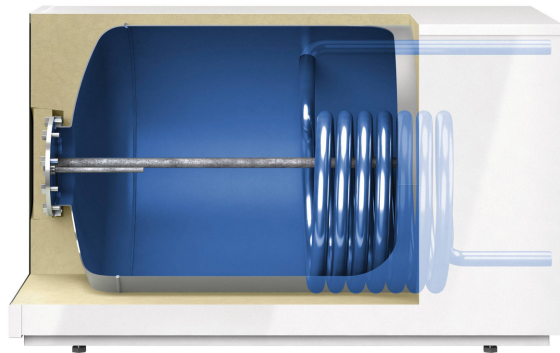


Hot water storage tanks

Storatherm Aqua Compact storage water heater for hot water preparation



AC 120/1 & 160/1



AC 150/1 & 250/1

Technical Features

- tank in compact design for all heating installations
- enamelling according to DIN 4753-3 T3
- with magnesium anode, thermometer and mounts
- insulation factory fitted
- max. permissible operating overpressure:
 - heating water 16 bar
 - potable water 10 bar
- max. permissible operating temperature:
 - heating water 110 °C
 - potable water 95 °C

Type overview



AC 120/1 & 160/1

compact storage tank with connections at the top for assembly directly below a wall-hung heater

insulation

rECOflex® insulation with foil jacket, not removable



AC 150/1 & 250/1

base tank for space-saving boiler/tank combinations with one heating coil, up to 300 kg load bearing capacity

insulation

rECOflex® insulation with steel casing, not removable

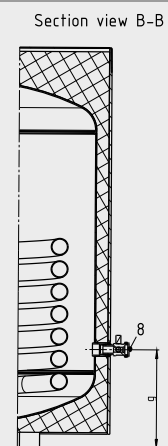
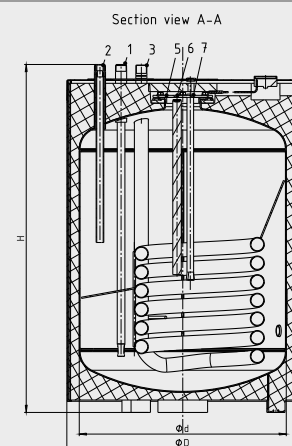
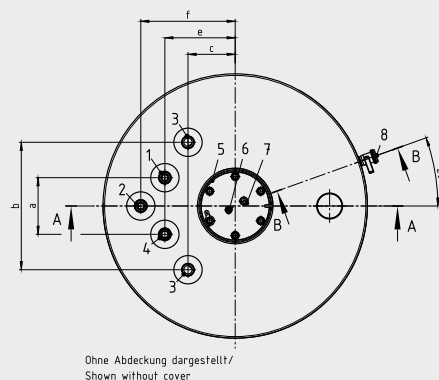
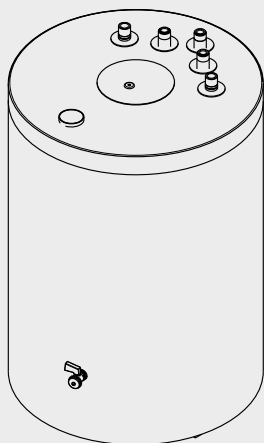
Storatherm Aqua Compact storage water heater for hot water preparation

Type	Art. No.		EEC ¹	Nenninhalt Trinkwasserspeiche [l]	Nenninhalt HE above [l]	Cont. output top [l/h]	Cont. output top [kW]	NL coefficient	Heating surface [m²]	Tilted dimension [mm]	Weight [kg]
	silver	white									
Storatherm Aqua Compact AC .../1 compact tank with connections at the top											
AC 120/1_B	–	7850100	B	113	5	540	22	1,4	0,73	961	56,00
AC 160/1_C	–	7862850	C	150	5	540	22	2,2	0,76	1134	60,00
Storatherm Aqua Compact AC .../1 horizontal base tank											
AC 150/1_B	7863100	7862800	B	147	6	708	29	3,6	0,89	1300	85,00
AC 250/1_B	7863200	7862900	B	241	7	717	29	7,6	0,87	1414	114,00

¹ Energy efficiency class

Storatherm Aqua Compact storage water heater for hot water preparation

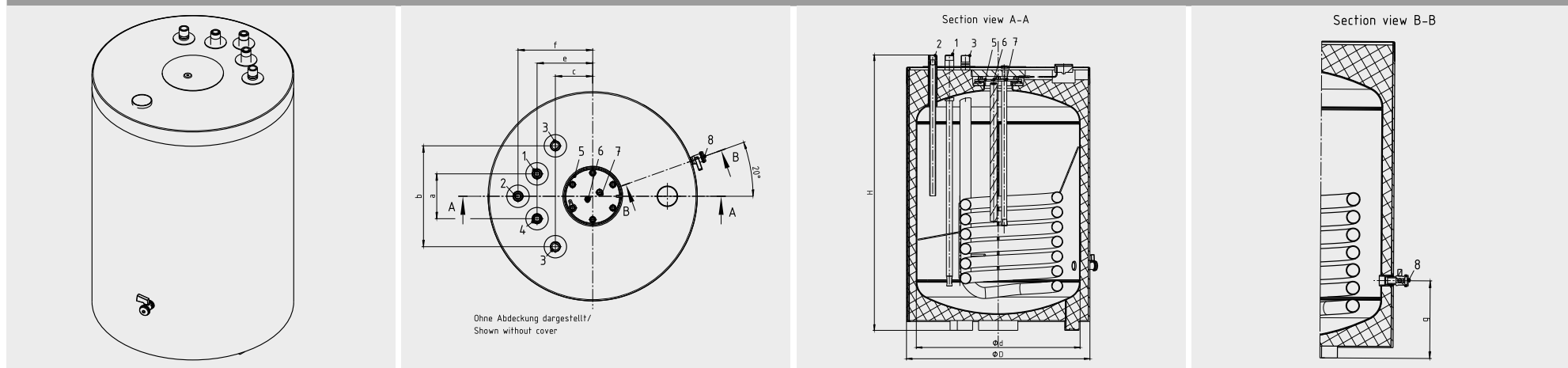
Geometric data



Type	Diameter	Diameter without insulation	Distance HVL/HRL	Distance WW/KW	Height connection						Max. height
	D [mm]	d [mm]	b [mm]	a [mm]	HRL c [mm]	HVL c [mm]	circulation f [mm]	cold water e [mm]	drainage g [mm]	hot water e [mm]	H [mm]
Storatherm Aqua Compact AC .../1 compact tank with connections at the top											
AC 120/1_B	560	500	270	120	100	100	200	149	197	149	839
AC 160/1_C	560	500	270	120	100	100	200	149	197	149	1036

Storatherm Aqua Compact storage water heater for hot water preparation

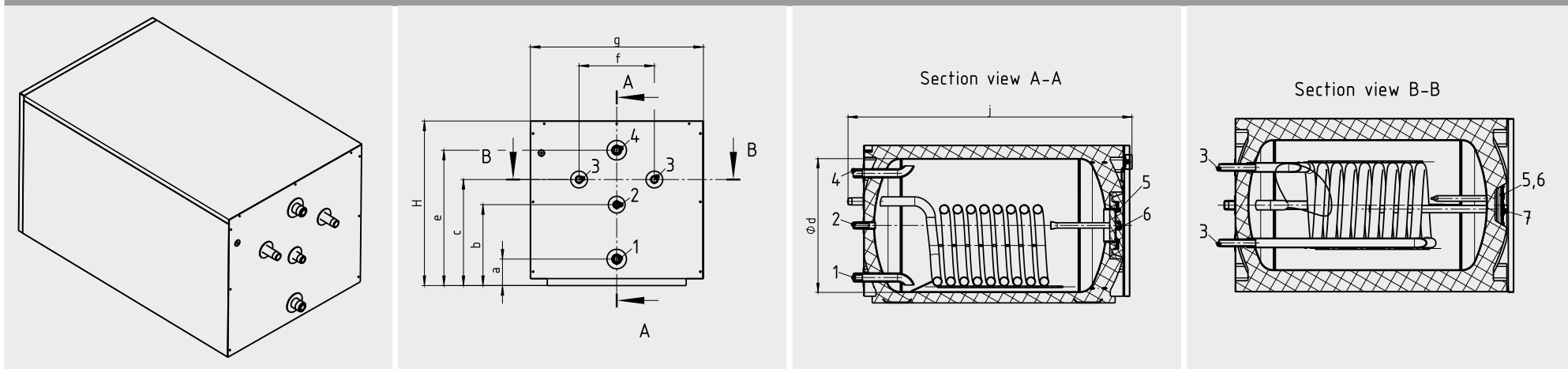
Geometric data



Type	Circulation connection	Cold water connection	Connection drainage	Connection heating surface(s)	Connection hot water	Connection socket/flange	Connection temperature sensor
	2	1	8	3	4	5	7
Storatherm Aqua Compact AC .../1 compact tank with connections at the top							
AC 120/1_B	R 3/4"	R 3/4"	G 1/2"	G 3/4"	R 3/4"	DN85	11 mm
AC 160/1_C	R 3/4"	R 3/4"	G 1/2"	G 3/4"	R 3/4"	DN85	11 mm

Storatherm Aqua Compact storage water heater for hot water preparation

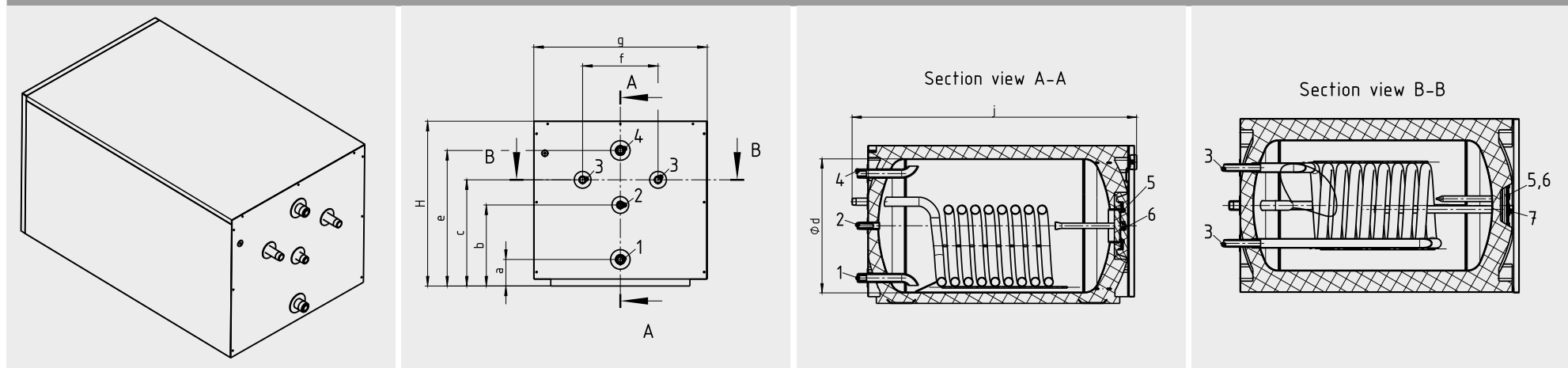
Geometric data



Type	Depth	Diameter without insulation	Distance HVL/HRL			Height connection			Max. height	Width
	j [mm]	d [mm]	f [mm]	HRL c [mm]	HVL c [mm]	circulation b [mm]	cold water a [mm]	hot water e [mm]	H [mm]	g [mm]
Storatherm Aqua Compact AC .../1 horizontal base tank										
AC 150/1_B	1031	500	270	380	380	290	95	485	590	620

Storatherm Aqua Compact storage water heater for hot water preparation

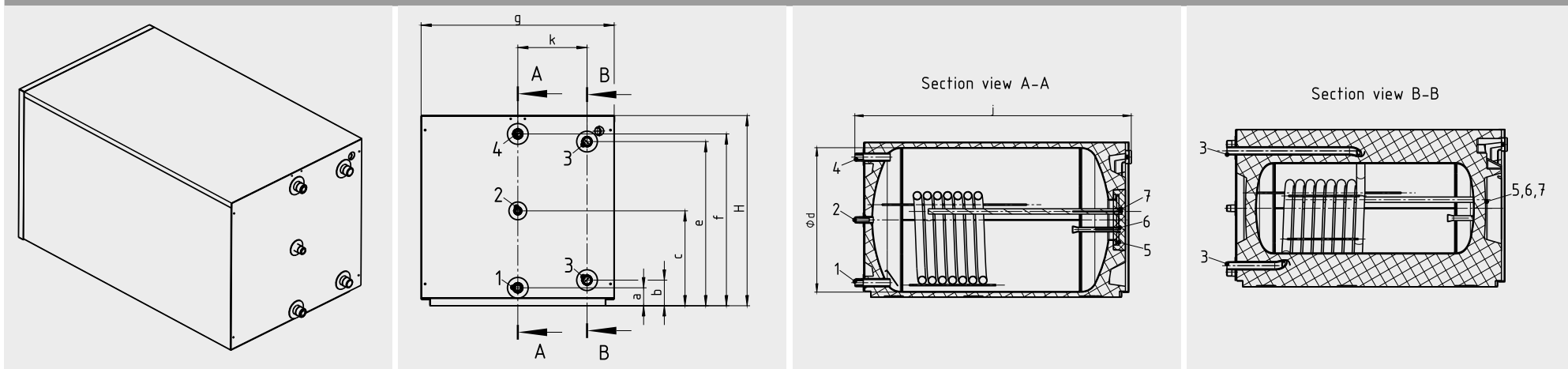
Geometric data



Type	Circulation connection 2	Cold water connection 1	Connection heating surface(s) 3	Connection hot water 4	Connection socket/flange 5	Connection temperature sensor 6
Storatherm Aqua Compact AC .../1 horizontal base tank						
AC 150/1_B	R ¾"	R 1"	R ¾"	R 1"	DN110	16 mm

Storatherm Aqua Compact storage water heater for hot water preparation

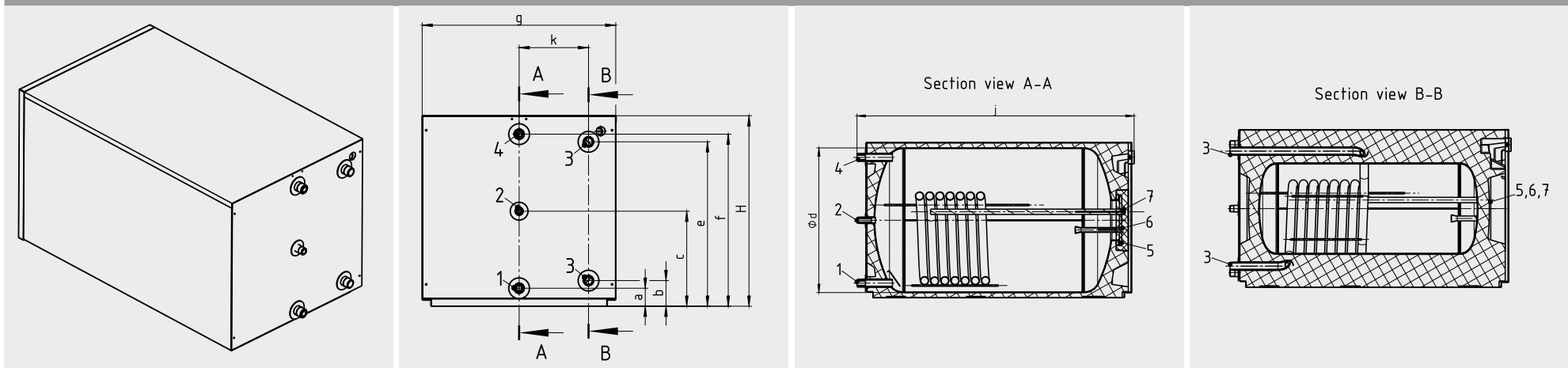
Geometric data



Type	Circulation connection	Depth	Diameter without insulation	Distance HVL/HRL	Height connection				Max. height	Width
	c [mm]	j [mm]	d [mm]	k [mm]	HRL b [mm]	HVL e [mm]	cold water a [mm]	hot water f [mm]	H [mm]	g [mm]
Storatherm Aqua Compact AC .../1 horizontal base tank										
AC 250/1_B	321	1120	597	234	87	555	61	581	642	653

Storatherm Aqua Compact storage water heater for hot water preparation

Geometric data

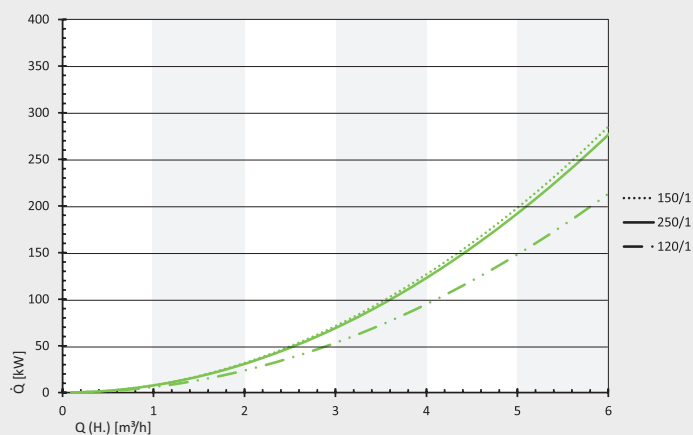


Type	Circulation connection 2	Cold water connection 1	Connection heating surface(s) 3	Connection hot water 4	Connection socket/flange 5	Connection temperature sensor 6
Storatherm Aqua Compact AC .../1 horizontal base tank						
AC 250/1_B	R 3/4"	R 1"	R 1"	R 1"	DN110	16 mm

Storatherm Aqua Compact storage water heater for hot water preparation

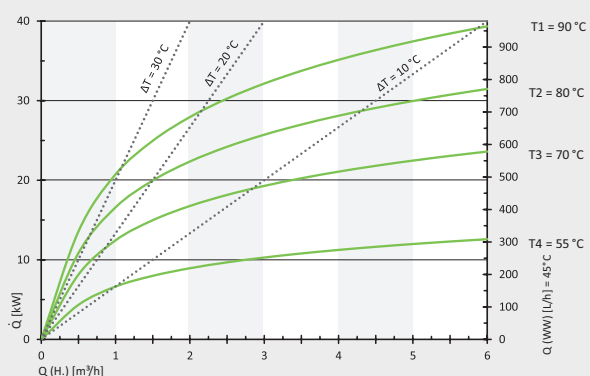
pressure loss

Storatherm Aqua Compact
120/1, 150/1, 250/1



Performance diagrams

Storatherm Aqua Compact 150/1



Storatherm Aqua Compact 250/1

