ATTACK AK / AS standard buffer tank

Technical data

Parameter	Unit	AK 200 K	AK 300 K	AK 400 K	AK 500 K	AK 800 K	AK 1000 K	AK 1500 K	AK 2000 K	AK 2500 K	AK 3000 K	AK 4000 K	AK 5000 K	AS 500 K	AS 800 K	AS 1000 K	AS 1500 K
Position 1–5	mm	925	1,110	1,120	1,405	1,545	1,735	1,755	1,955	2,005	2,205	2,385	2,285	1,405	1,545	1,735	1,755
Position 2–6	mm	705	790	815	1,013	1,135	1,255	1,345	1,409	1,465	1,600	1,730	1,680	1,013	1,135	1,255	1,345
Position 3–7	mm	455	460	515	621	725	775	820	862	915	985	1,065	1,065	621	725	775	820
Position 4–8	mm	205	210	210	230	315	295	375	315	375	375	405	455	230	315	295	375
RS position	mm	—	—	—	—	—	—	—	—	—	—	—	—	230	315	295	375
AS position	mm	—	—	—	—	—	—	—	—	—	—	—	—	710	725	860	895
L – maximum length of electric heating element	mm	550	600	700	700	840	840	1,050	1,150	1,250	1,300	1,450	1,650	700	840	840	1,050
Diameter without insulation	mm	500	550	650	650	790	790	1,000	1,100	1,200	1,250	1,400	1,600	650	790	790	1,000
Diameter with 100 mm insulation	mm	700	750	850	850	990	990	1,200	1,300	1,400	1,450	1,600	1,800	850	990	990	1,200
Height	mm	1,140	1,350	1,380	1,660	1,840	2,030	2,095	2,310	2,387	2,596	2,819	2,770	1,660	1,840	2,030	2,095
Height with 100 mm insulation	mm	1,190	1,400	1,430	1,710	1,890	2,080	2,145	2,360	2,437	2,646	2,869	2,820	1,710	1,890	2,080	2,145
R – tilting dimension without insulation	mm	1,157	1,368	1,402	1,678	1,864	2,052	2,142	2,353	2,438	2,643	2,872	2,845	1,678	1,864	2,052	2,142
Maximum operating pressure of tank	bar	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Maximum operating temperature of tank	°C	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95	95
Solar heat-exchanger area	m²	—	—	—	—	—	—	—	—	—	—	—	—	1.8	2.4	3	3.6
Solar heat-exchanger volume	l	—	—	—	—	—	—	—	—	—	—	—	—	11.9	15.9	19.8	23.7
Maximum operating pressure of solar heat exchanger	bar	—	—	—	—	—	—	—	—	—	—	—	—	10	10	10	10
Maximum operating temperature of solar heat exchanger	°C	—	—	—	—	—	—	—	—	—	—	—	—	105	105	105	105
Tank volume	l	204	289	405	488	732	915	1,449	1,980	2,435	2,915	3,819	4,940	474	713	891	1,420
Weight	kg	46	60	73	81	109	118	201	235	271	363	475	578	118	157	172	265