

CERTUSS feed water tanks are designed specially for operation with CERTUSS steam generators, in 5 sizes for unpressurized operation.

They can be equipped with a direct heating via steam injector or indirect steam heating via a built-in heating coil.

The tanks are made of stainless-steel sheets, material 1.4301 in standard version, or material 1.4571 for operation with fully desalinated feed water. They have a hand hole, a connection for the vapor/vent line, connections for all the required supply and drain lines as well as a feed water level control in various designs. Supply is effected without insulation, however a contact protection made of 13-mm thick Armaflex HT with a coating of Arma Check D is applied in combination with a CVE (CERTUSS supply unit). Various versions of a heating system, a level control as well as brackets for wall mounting are available as accessories for the feed water tank.

**Technical Data:**

Designation	Junior 80 – 400		Universal 700 – 1800		Batterie 2600 – 3000		Batterie 3600 – 5400		Batterie 6000 – 7200			
	Universal 500 – 600 direct	indirect	direct	indirect	direct	indirect	direct	indirect	direct	indirect		
Article number	71.0090.6	71.0091.4	71.0093.0	71.0092.2	71.0091.6	71.0093.5	71.0091.1	71.0092.5	71.0091.2			
Dimensions mm approx.	Diameter		600		800		1000		1200			
	Length		1070		1640		1850		2180			
Content l. approx.	Total		302		700		1205		2075			
	at upper water level		114	105	159	154	405	393	680	655	1479	1461
Weight kg approx.	Empty		32	46	38	54	68	105	87	132	122	175
	at upper water level		146	151	197	208	473	498	767	787	1601	1636
Heating surface* m <sup>2</sup> approx. indir. heating		0,7		1,0		2,2		2,6		3,0		
Connections	Condensate	1 1/4"		2"		2 x 2"						
	Soft water	3/4"		1"		1 1/4"						
	Start-up piping	1 1/4"		2"		2 x 2"						
	Pump suction line	1 1/4"		2 x 2"		3 x 2"				4 x 2"		
	Heating	1"	1/2"	1"	1/2"	1 1/4"	3/4"	1 1/4"	3/4"	1 1/4"	3/4"	
	Drainage	1 1/4"		1 1/2"								
	Overflow	1 1/4"										
	Vapor/venting	2"		DN100/PN6								
	Dosing	1/2"										
	Level regulation	3 x 1/2"										
Free connections	1/2" + 2"		1/2" + 2 x 1"		1/2" + 2 x 1" + 2 x 2"							
Brackets wall mounting** Art. No.	71.0074.4		71.0075.2		71.0077.9		71.0076.0					

\* Indirect heating only at min. 50% continuous condensate return possible.

\*\* No wall brackets available for tank Batterie 6000 – 7000 for weight reasons.  
 A stand made of profile steel is to be provided by the customer.