

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 500 – 600		Universal 700 – 1800 Batterie 1000 – 2000		Batterie 2600 – 3000		Batterie 3600 – 5400		Batterie 6000 – 7200 direct		
	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	71.0091.8	71.0091.0	71.0092.5	71.0091.5		
Dimensions mm approx.	Diameter		600		800		1000		1200		
	Length		1114		1640		1850		2222		
Content l. approx.	Total		315		700		1205		2075		
	at upper water level		114	105	165	160	405	393	680	655	1479
Weight kg approx.	Empty		32	46	38	54	68	105	87	132	122
	at upper water level		146	151	203	214	473	498	767	787	1601
Heating surface* m ² approx. indir. heating		0,7		1,0		2,2		2,6			
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 1 1/2"		3 x 2"	3 x 2"	3 x 2"	3 x 2"	4 x 2"	
	Heating	1"	1/2"	1"	1/2"	1 1/4"	3/4"	2 x 3/4"	3/4"	2 x 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"		2 x 1/2" + 2 x 1" + 1 x 2"		1 x 1/2" + 3 x 1" + 2 x 2"		1 x 1/2" + 3 x 1" + 4 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.