

Especially for desuperheating steam

Characteristics

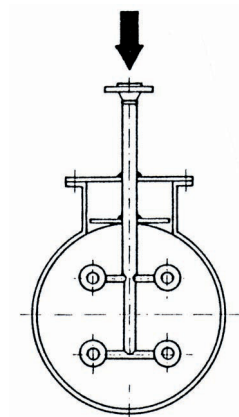
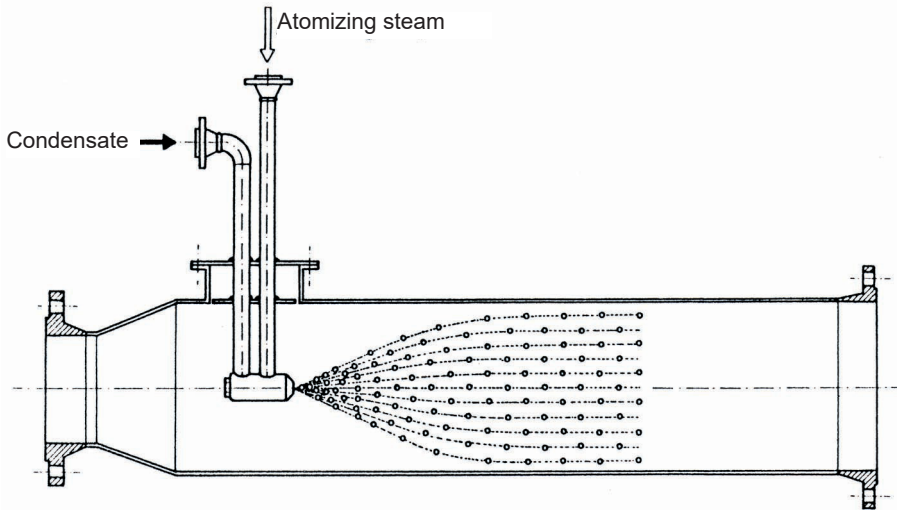
Large control range.
 Atomizing steam pressure remains constant.
 Amount of condensate is adjustable from 0 to maximum.
 Micro-atomization with large control range.
 Intensive cooling also near saturated steam limit.
 Great atomization results at supercritical pressure conditions.
 Finest droplets with large heat transfer capacity allow for a short evaporation distance.

Application

Desuperheating steam, various connection possibilities.

Material

Stainless steel, others on request



Multiple nozzle with intake

Type	Max. Water capacity at medium droplet size of about 50 to 70μ Water capacity l/min. at pressure p					
	1	2	3	4	5	6
ZAD 1	0.4	1.0	1.8	2.3	3.1	4.1
ZAD 2	1.2	2.5	4.1	5.8	7.8	10.1
ZAD 3	2.3	4.8	7.5	10.9	15.0	20.0

Type	Atomizing steam consumption (kg/h)									
	1	2	3	4	5	6	7	8	9	10
ZAD 1	15	22	28	35	42	49	57	62	70	78
ZAD 2	34	50	68	83	100	130	150	170	180	190
ZAD 3	67	100	140	170	200	240	270	300	340	380