

REHEATER MODEL 260

Main characteristics

Steam injectors of VALFONTA are used to increase the temperature of any liquid.

Steam injection aspirates the liquid to heat through the reheater body holes, where is mixed with the steam, to increase the temperature until required.

It causes a constant recirculation inside the tank which assures a good mix and it keeps the temperature in the tank.

It has no mobile parts, so it reduces noise and vibration and it has no maintenance.

PN16 bodies, maximum pressure 16 bar g at 200 °C.
Maximum heated liquid temperature 90°C with the tank vented to atmosphere

Materials

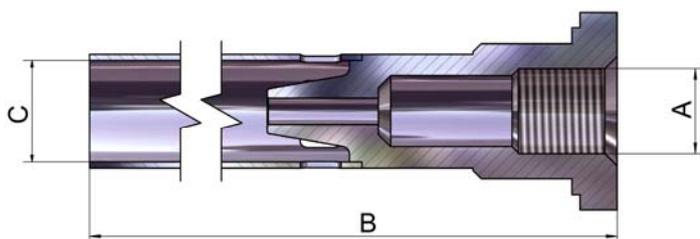
Stainless Steel AISI316.

Installation

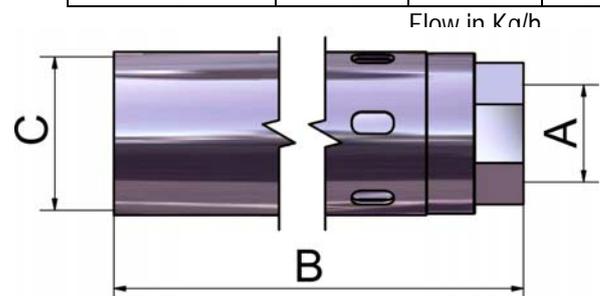
Reheaters are installed horizontally and directly to the pipe. Size nr.1 can be installed in wall tank (using external thread). If it is necessary more capacity, it is possible to install 2 or more injectors in parallel.

Sizes and Kv

Figure n°	1	2	3	
DN	15	25	40	
Valor Kv	1.5	8.5	13	
Connect. A	R- 1/2"	R- 1"	R- 1 1/2"	
B	202	420	530	mm.
C	25	48	60	mm.



Steam Inlet Pressure (bar r)	Injector Size 260		
	n° 1	n° 2	n° 3
2	45	200	530
3	60	270	710
4	80	340	900
5	100	405	1080
6	115	475	1250
7	135	550	1410
8	150	620	1620
9	170	690	1800
10	185	765	2000
11	200	830	2150
12	225	880	2300
13	240	975	2500
14	255	1025	2700
15	270	1100	2850
16	290	1185	3000





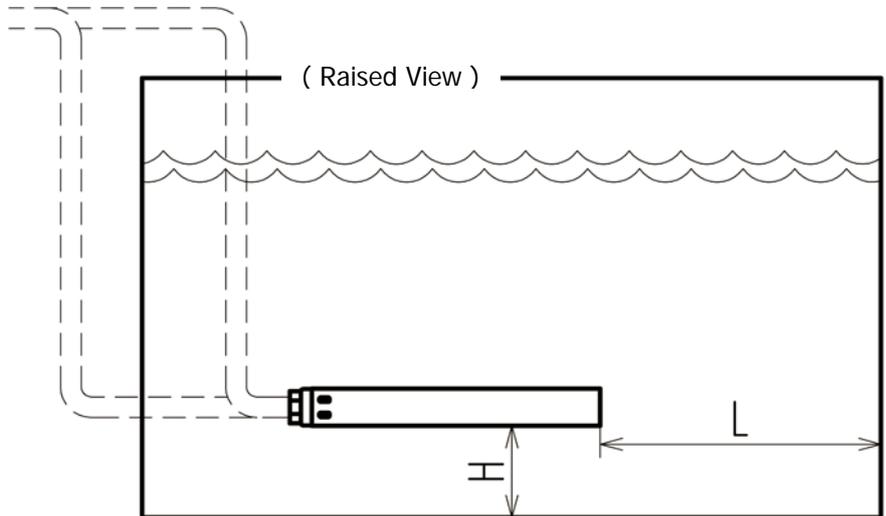
INSTALLATION SCHEME

We recommend installing the injector in a horizontal position, at the bottom of the tank and along the same.

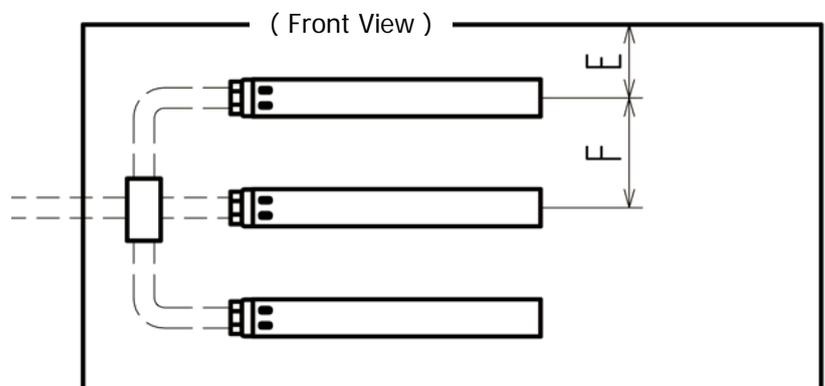
In the discharge area of the injector should not be installed any other element.

A measure to promote a vibration-free and a silent operation would be that the L size will be as long as possible and keeping clean the suction injector holes, too.

Injector n°	1	2	3
Steam Pressure (bar r)	L (mm)	L (mm)	L (mm)
2 - 4	200	250	300
4 - 8	250	450	550
8 - 12	300	650	750
12 - 16	400	1150	1300
Cota H	100	150	200



The injector installation should be always focused along the tank to recirculate and to achieve an effective distribution. If it is necessary the installation of 2 or more injectors, they must be installed focused along the tank, but it is important to know the minimum distance between the wall and the first injector (E = 150) and between injectors (F = 300)



In case of excessive noise, check that suction and discharge holes are not obstructed or the steam pressure is not too high.

Distributor

