

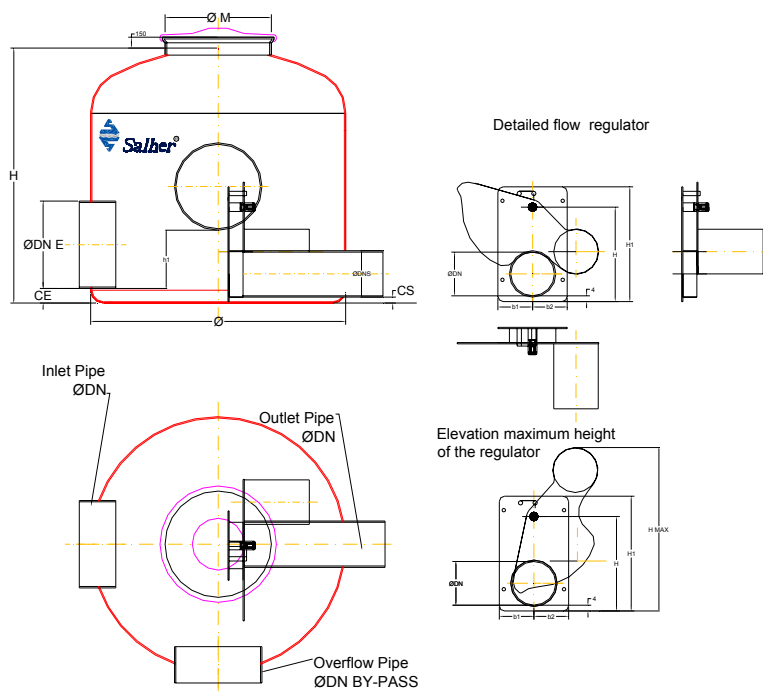
**STORM DUMPER AND FLOW REGULATORS**  
**MODEL: CVC-AARC**

**Characteristics:**

Flushing regulator has to be installed at the entrance of the manhole. This manhole can be supplied in option, as those shown in the pictures below. The water gets stored in the manhole, functioning as a storm tank to afterwards, evacuate the flow in accordance with the capacity of the water system below, by means of the flushing regulator.

The main purpose of flushing regulator is:

- To regulate the flow at a constant level, independently of the height of the water in the tank.
- To avoid the over measurement of the normal evacuation of rain system.



The functioning of the regulator consists of a floater connected to an articulated joint which starts a closing diaphragm, which closes the exit outlet.

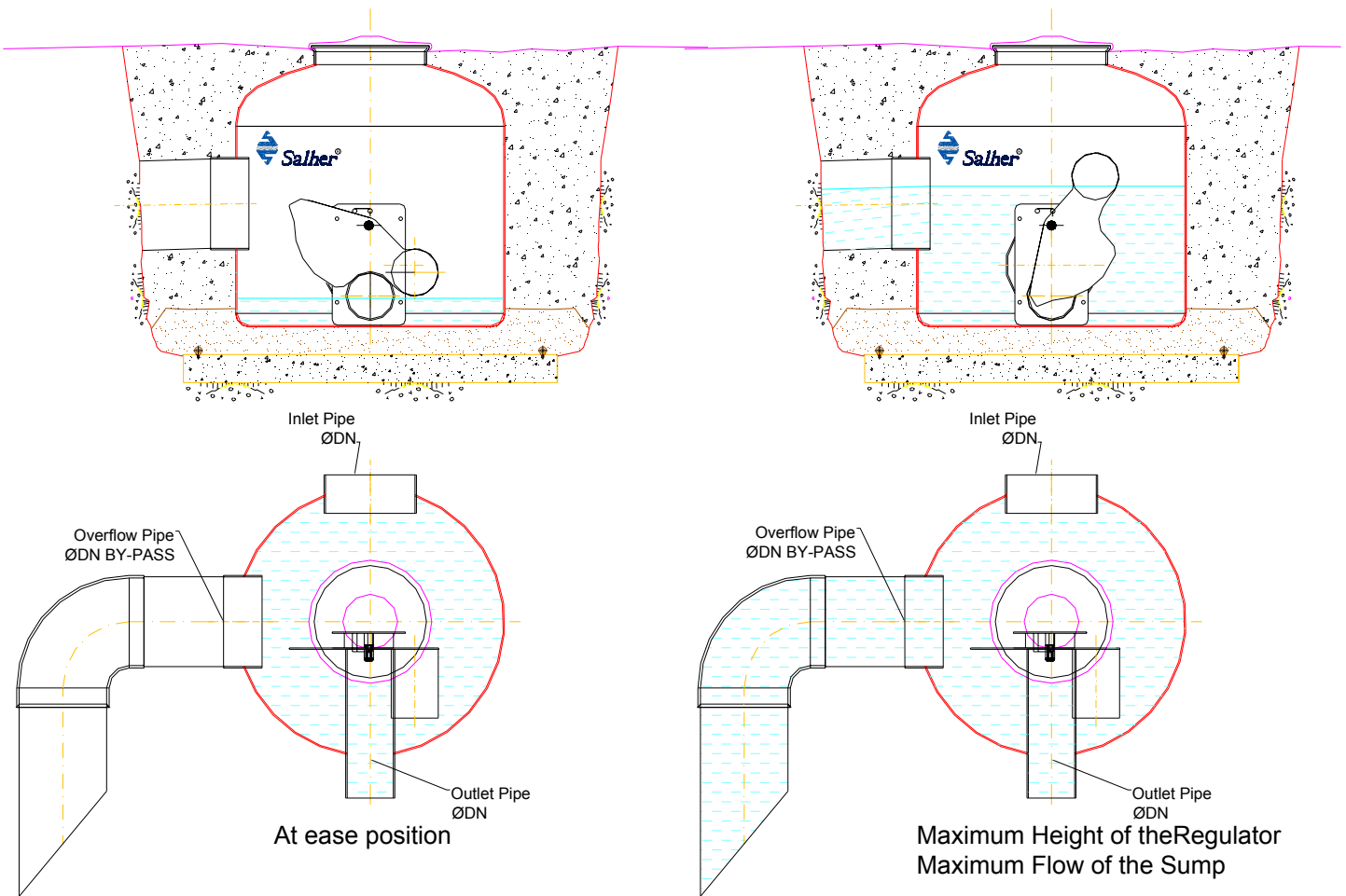
When the water level increases in the tank, the floater rises, moving by rotation and progressively reducing the water exit outlet. This way it is possible to obtain steady flushing within a variation of 5% maximum.

The Regulator is made of 304 stainless steel, with bronze ring and seat from PEHD.

The level of the regulator is controlled automatically without using energy.

Flushing regulators are customized to conditions. To design a proper regulator according to client's needs, the following data shall be given:

- Inlet flushing
- Outlet flushing
- Pipelines diameter, inlet and outlet.



MODELS	Flow Regulator [liters/sec]	Flow (Max) [liters]	Ø Manhole [mm]	Manhole Height	Manhole Ø	Ø ENTRY PIPE	Ø BY-PASS PIPE [mm]	Ø EXIT PIPE [mm]
DR100	1-5	20	1.400	1.560	620	200	160	125
DR200/150	5,1-24	96	1.400	1.755	620	300	250	160 / 200
DR200	25-34	136	1.400	1.950	620	350	300	200
DR250	35-60	240	1.700	2.185	620	400	350	250
DR300	61-100	400	1.700	2.400	750	500	500	300
DR350	105-135	540	2.000	2.605	750	600	500	350
DR400	140-200	800	2.500	2.885	1000	600	600	400
DR500	205-300	1.200	2.500	3.300	1000	700	700	500
DR600	335-550	2.200	3.000	3.820	1200	900	800	600
DR700	555-770	3.080	3.500	4.175	1200	1000	900	700
DR800	775-1.080	4.320	4.000	4.595	1400	1200	1000/1200	800