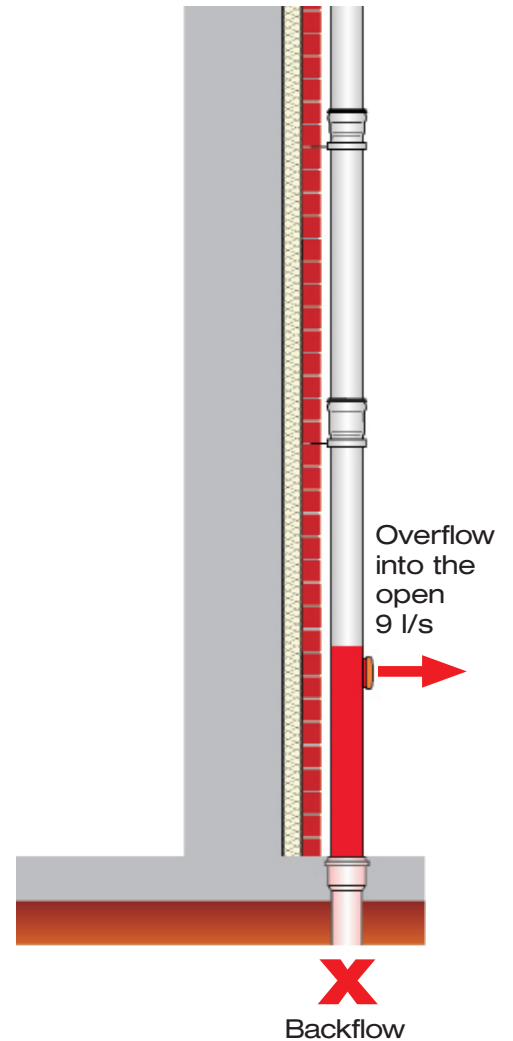


LORO-X HSÜ Rain Standpipe with High Performance Safety Overflow

The LORO-X high performance safety overflow (HSÜ) in combination with a LORO-X rain standpipe offers an

increased protection against backflow from the ground pipe back into the downpipe of the main drainage.



Advantages:

- efficient backflow protection
- suitable for all outside downpipes
- suitable for new construction and renovation
- discharge rate of up to 9 l/s in a DN 100 rain standpipe 1.5 m long

• with online calculation:



LORO-X Dachentwässerungssysteme
Datenblatt

Datenblatt LX 1390
LORO-X Regenabrohr
mit Hochleistungs-Sicherheitsüberlauf (HSÜ),
1500 mm lang

Art-Nr.: 55154
Längsmaß: 1500 mm
Nennweite: DN 100
LX-Modell: LX 1390
Material: GFK
Festigkeit: S2000
Flusskapazität: 9 l/s
Schutzklasse: III

LX 1390 Mitreißhilfe
1 x Art.-Nr. 55154.125X, Regenabrohr mit Hochleistungs-Sicherheitsüberlauf

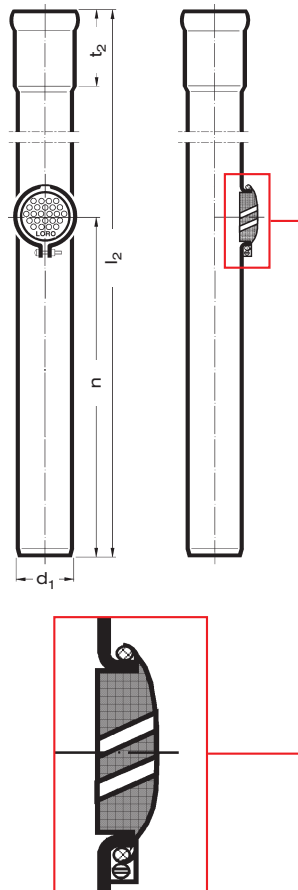
HQ-Abflusskurve **CAD-Zeichnung**

Systemleistung **Systemform**

Nennweite des Regenabrohres	100	125	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000																					
Abfluss	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/4	6 1/2	6 3/4	7	7 1/4	7 1/2	7 3/4	8	8 1/4	8 1/2	8 3/4	9	9 1/4	9 1/2	9 3/4	10

ARTUELL142 HSUE10.indd 29.8.18 Vbr/Hop 3/12

LORO-X Specification Sheet



with discharge openings similar to a tube



LORO-X HSÜ Rain standpipe with high performance safety overflow

The LORO-X rain standpipe with high performance safety overflow (HSÜ) can be installed at every outside downpipe of a new construction. It can also be used for renovation and refitting of already installed downpipes.

The high discharge rate of up to 9 l/s exceeds the determined discharge rate of conventional DN 100 downpipes with gravity flow (4.5 l/s).

It has to be considered that there must be a sufficiently large and free floodable area available „in front of“ the HSÜ.



Function:

Normally, the water is transported into the ground pipe - running past the HSÜ. Due to the patented, inclined and tube-similar discharge openings (see detail drawing) the outflow is usually prevented.

In the case of backflow from the ground pipe, a standing water column is building in the LORO-X rain standpipe. This water column builds up an overpressure on the HSÜ. Thus, also large amounts of water can be „pushed“ through the HSÜ (see specification sheet LX1390).

The LORO-X discharge curve for the LORO-X rain standpipe with HSÜ shows the discharge rate of the HSÜ with the water column inside the 1.500 mm high rain standpipe.

No emergency drainage function:

The high performance safety overflow at the downpipe of the main drainage provides a secure protection against backflow from the ground pipe. However, the HSÜ does not replace an emergency drainage because there is no function in the case of congestion at the main drain!

LORO-X High performance safety overflow (HSÜ) with rain standpipe

Art.-No.	DN	l ₂	d ₁	t ₂	n	kg
55154.100X	100	1500	102	150	620	6.6
55154.150X	150	1500	159	170	620	14.2
55204.100X	100	2000	102	150	620	7.5
55204.125X	125	2000	133	160	620	18.5

LORO-X Cleaning cover with HSÜ, clips and o-ring inclusive, for an afterwards exchange in the case of already installed standpipes

Art.-No.	DN	kg
55883.100X	100	0.1
55883.125X	125	0.5
55883.150X	150	1.2