

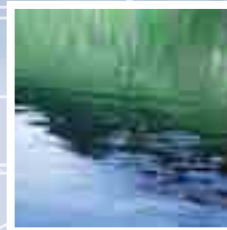
SIFONE

HL

ABLÄUFE

327 x 164(185)

Ø 110/100/
90/75



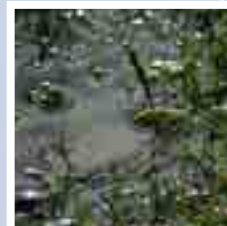
255

490

HL[®] Rain hoppers

Rainwater drainage

DN110



HL® Rain hoppers

Basic information about design and installation

The drainage of roof rainwater into the sewer or a soakaway belongs to today's normal standard of modern buildings. In the best case the connection between the downpipe and the sewage pipe is a rain hopper.

We have assembled some suggestions for you for perfect design and realization:

▲ Rainwater downpipes should have a possibility for cleaning, maintenance and inspection at the junction to the horizontal pipe.

▲ If rainwater downpipes are connected to the sewer, they have to be secured by a stench trap (in cold regions frostproof), when stench may be expected.

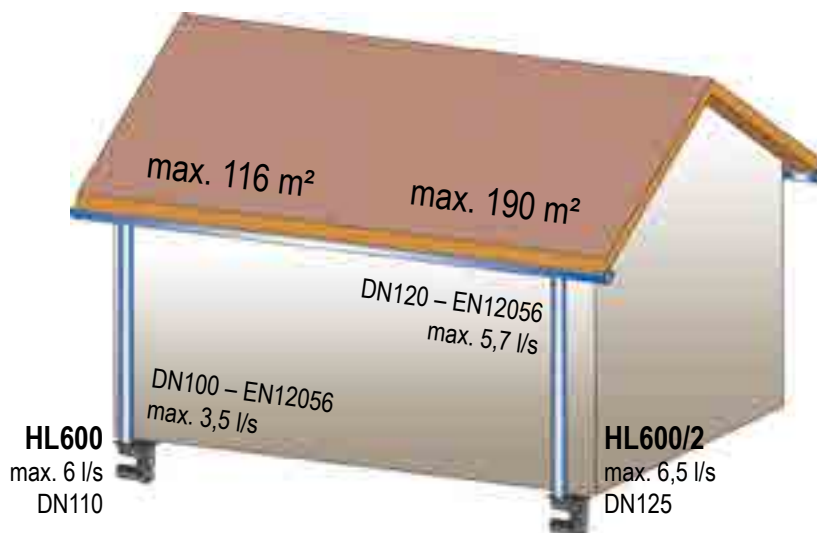
▲ The maximum roof surface, which may be drained, is calculated on the basis of the capacity of the downpipes acc. EN12056-3 and a minimum rainfall quantity of 300 l / (s x ha).

▲ Extract of ÖNORM B2501:2009
 Rainwater downpipes, which are installed on the outer side of the building, must be connected to rain hoppers. The rain hoppers may be seen as the best cleaning access.

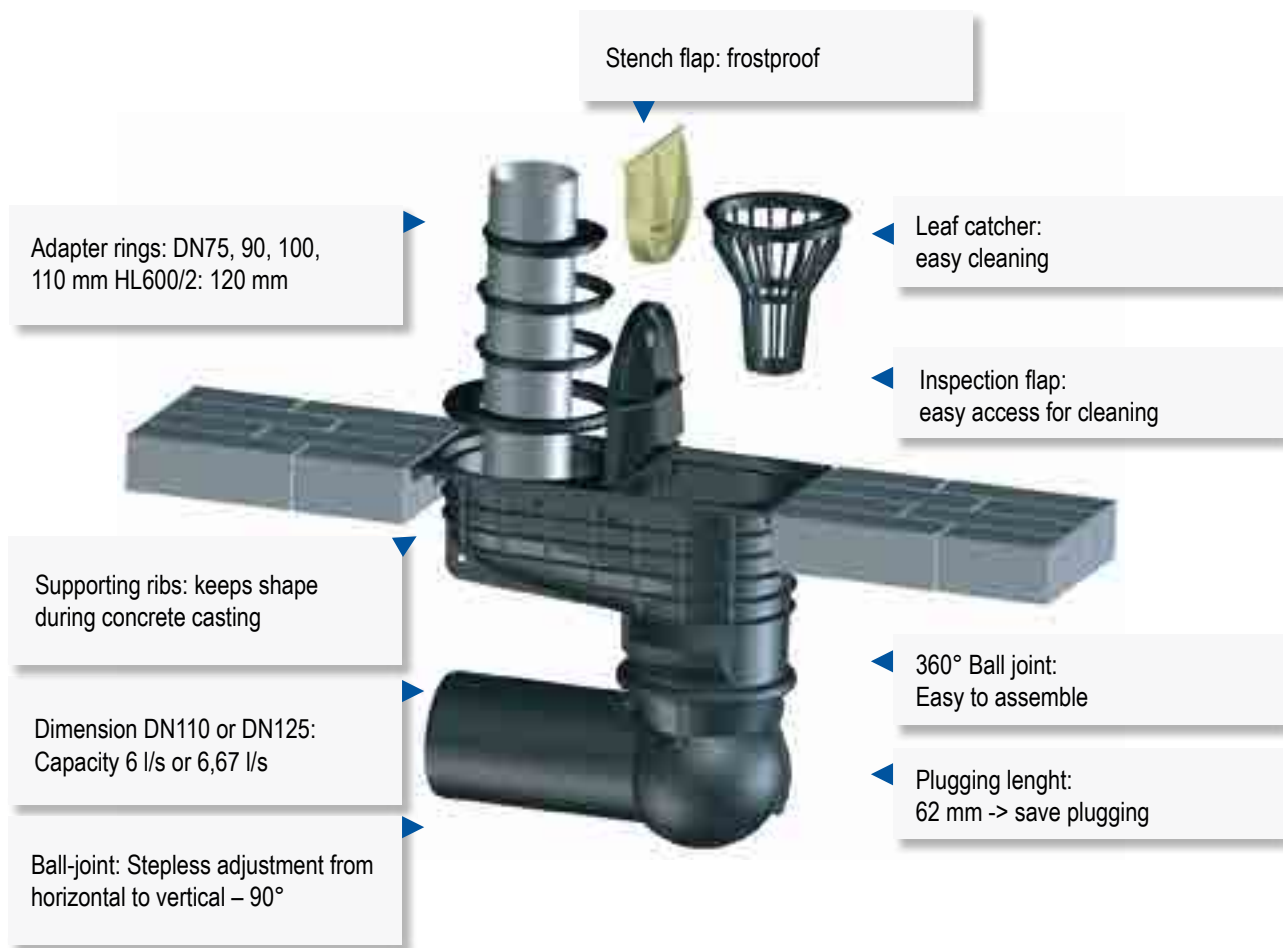
Relevant standards/directives

ÖNorm B2501	Drainage of buildings
DIN 1986-100	Drainage systems for buildings and estates
EN 12056	Gravity drainage systems inside of buildings

Rainfall quantity
 300 l / (s x ha)



HL® Rain hoppers – HL600, HL600/2



- ✓ High capacity: Few downpipes
- ✓ Save roof drainage at heavy rain
- ✓ Capacity: 6 – 6,67 l/s
- ✓ Convenient: Weight appr. 1,5 kg
- ✓ Frostproof
- ✓ According standard: EN 1451-1
- ✓ Pluggable: fits to all standard sewage pipes

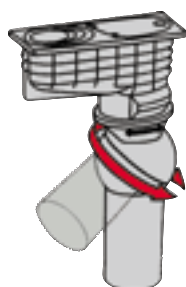
HL600
 Weight: 1430 g
 Material: PP
 Dimension: DN110, DN125
 Capacity: 6 – 6,67 l/s

HL® Rain hoppers – Products – Data

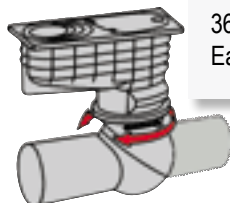
HL600, HL600/2 Rain hopper with stepless adjustable ball-joint outlet

Data

Capacity	HL600: 6 l/s HL600/2: 6,67 l/s
Material	PP
Connection dimension	HL600: DN110 HL600/2: DN125
Outlet	Stepless adjustable from 0° – 90°, vertical up to horizontal
Stench trap Standard	Frostproof flap DIN 19560
Recommended for	Connection between rainwater downpipe and sewage pipe
Additional information	With additional 360° rotatable ball-joint
Including	Leaf catcher, cleaning flap, adapter rings for rainwater downpipes Ø 75, 90, 100 and 110 mm (and 120 mm at HL600/2)

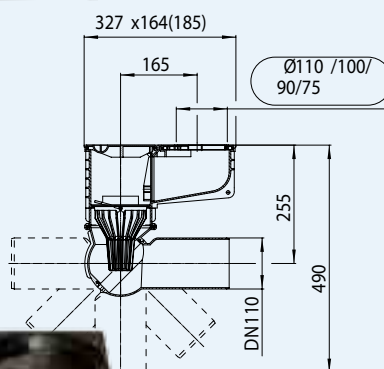


Ball-joint: Stepless adjustment from horizontal to vertical – 90°

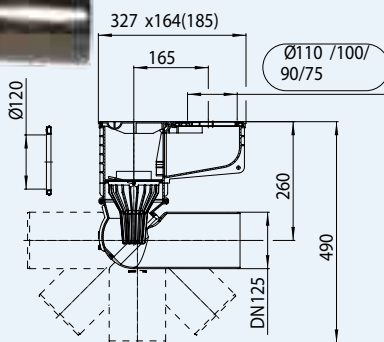


360° Ball joint: Easy to assemble

HL600



HL600/2



HL0600.1E



HL0600.2E



HL0600.4E



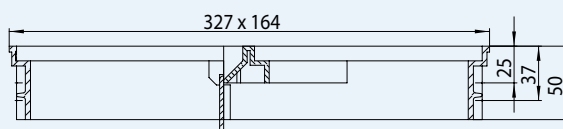
HL0600.3E

HL-No.	Dimension	Weight	EAN	Piece/package
600	DN110	1430 g	+906000	1
600/2	DN125	1450 g	+906017	1

HL601 Extension

Data

Material	PP
Höhe	5 cm, cuttable
Recommended for	exact adjustment
Including	Silicone, elongation of the stench flap



HL0601.4E



HL-No.	Dimension	Weight	EAN	Piece/package
601		400 g	+007370	1

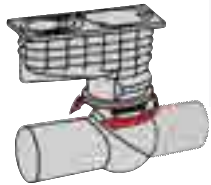
HL600G, HL600G/2 Rain hopper like HL600, visible parts made of cast iron

Data

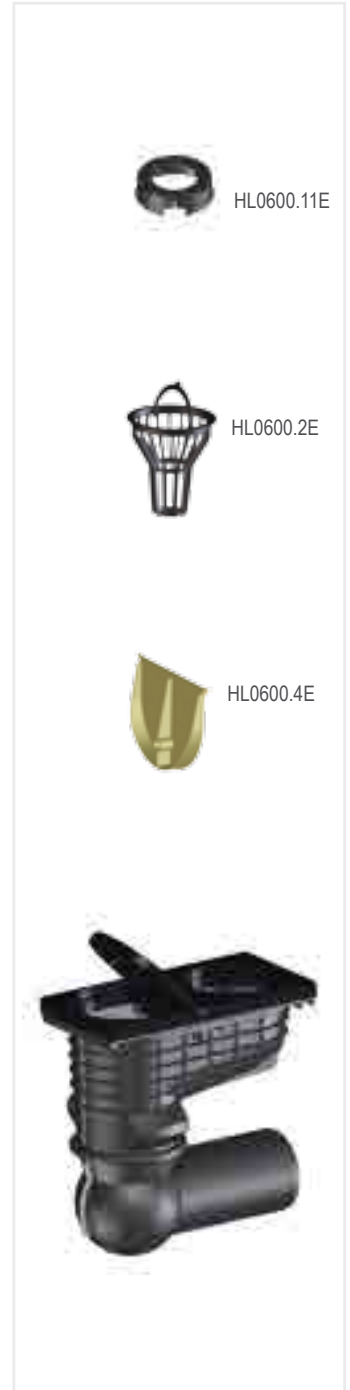
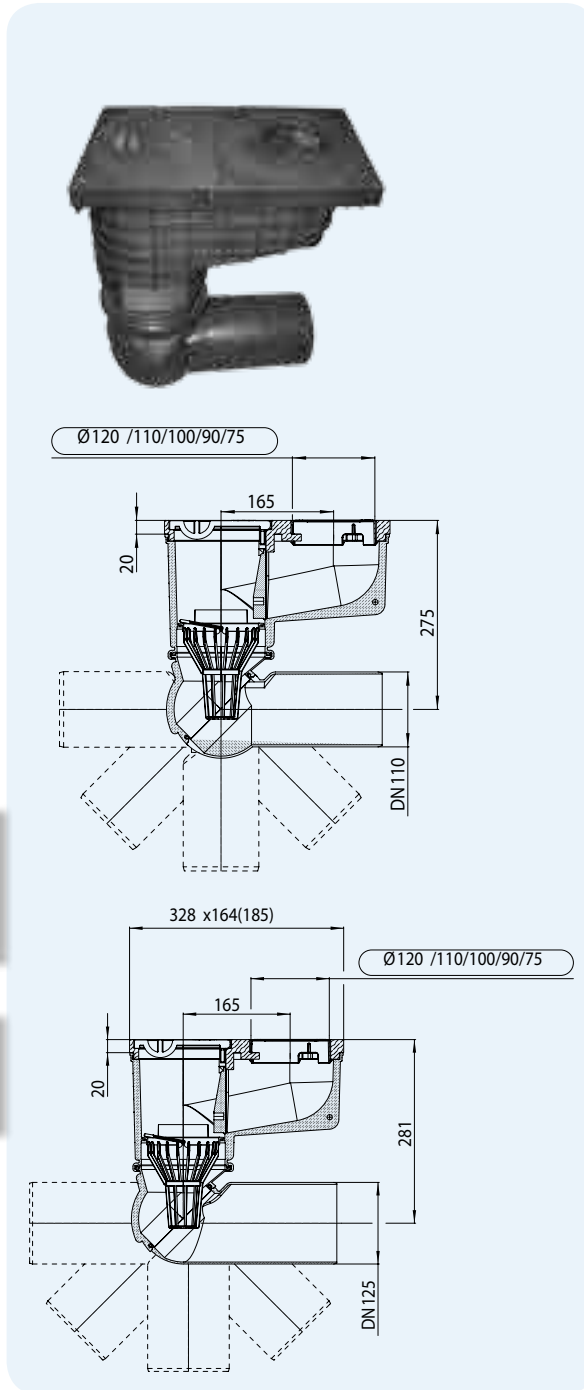
Capacity	HL600G: 6 l/s HL600G/2: 6,67 l/s
Material	PP/Cast iron
Connection dimension	HL600G: DN110 HL600G/2: DN125
Outlet	Stepless adjustable from 0° – 90°, vertical up to horizontal
Stench trap	Frostproof flap
Standard	DIN 19560
Recommended for	Connection between rainwater downpipe and sewage pipe
Additional information	With additional 360° rotatable ball-joint
Including	Leaf catcher, cleaning flap, adapter insert for downpipes Ø 75, 90, 100, 110, 120 mm (to be cut out)



Ball-joint: Stepless adjustment from horizontal to vertical – 90°



360° Ball joint: Easy to assemble



HL-No.	Dimension	Weight	EAN	Piece/package
600G	DN110	7000 g	+030736	1
600G/2	DN125	7000 g	+030743	1