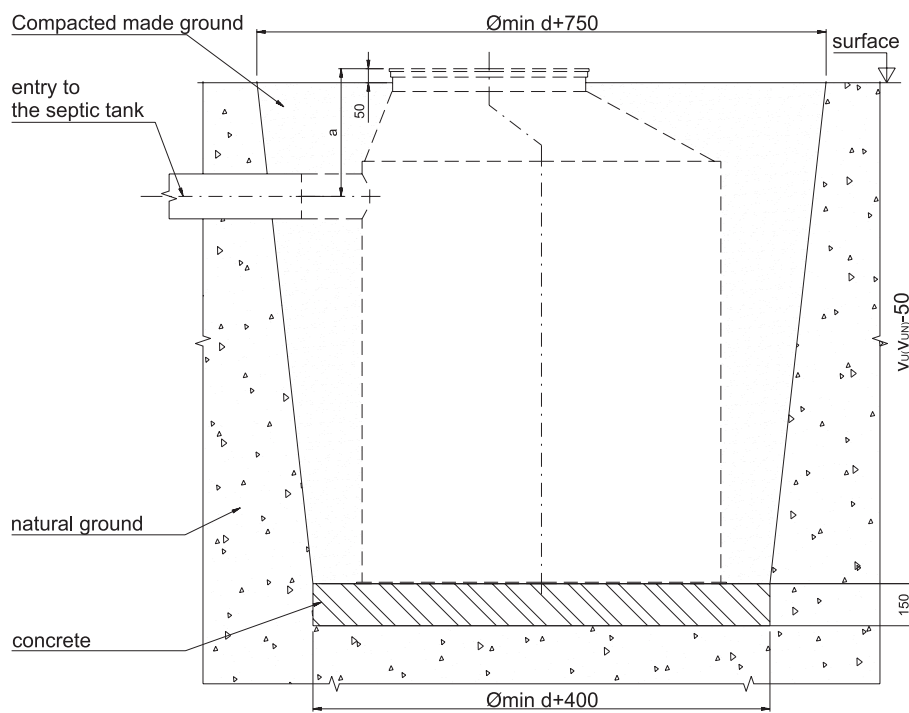


STORAGE TANK / SEPTIC TANK



Setting – installation with filling for small load:



STORAGE TANK / SEPTIC TANK

The **septic tank** serves to accumulate waste water for a temporary period of time before it is removed and disposed off.

Technical description:

The structure follows the most suitable circular shape with the flat bottom and the cone lid. The asymmetric manhole cone allows safe cleaning and inspection of the internal space in the case of a need. The PP or PE materials of the body feature with high chemical resistance and strength. The material is produced by extrusion and therefore the internal section shape is homogenous.

Application:

In addition to application for storage of waste water these tanks are also suitable for storage of other liquid or dry substances. They are often used for storage of rain water or water from home waste water treatment plants.

Fully automated technology of butt welding, which is applied for production, brings the highest quality of welds achievable in the present technology practise with the long-term coefficient of 0.9.

Septic tanks are produced in five size classes specified with the body diameter. The basic height can be extended with an additional segment and thus achieving a bigger accumulation volume.

The manhole cone with the lid allows increasing the volume and creating a closed compact unit.

The presented product has been assessed pursuant to § 12, section 3, of the Act No. 264/1999 Coll. and is in conformity with technical requirements.

Regulation No. 158/2004 of the Slovak Republic Ministry of Construction and Regional Development.

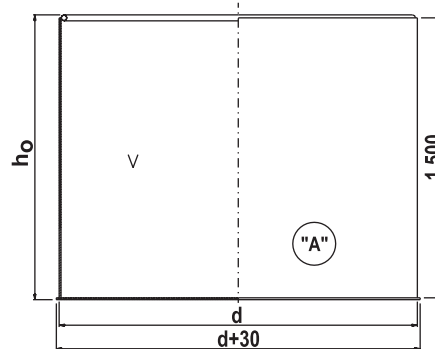
To design these tanks the following technical standards - STN EN 12 573-1, STN EN 12 573-2, STN EN 1778, STN EN 12 566-1 have been used.

Example of the order:

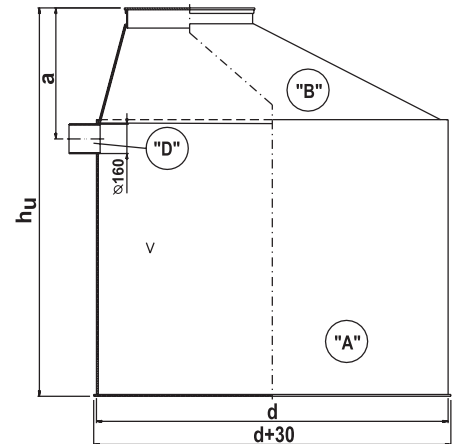
Septic tank II A C D – means the open septic tank with the extension and the inflow pipe with the volume of 3.9 m³.

Type ranges – configuration versions:

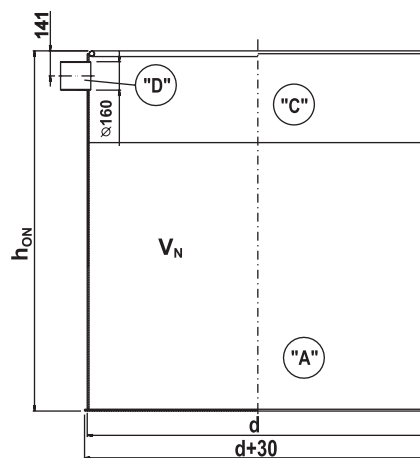
Open septic tank
"A"



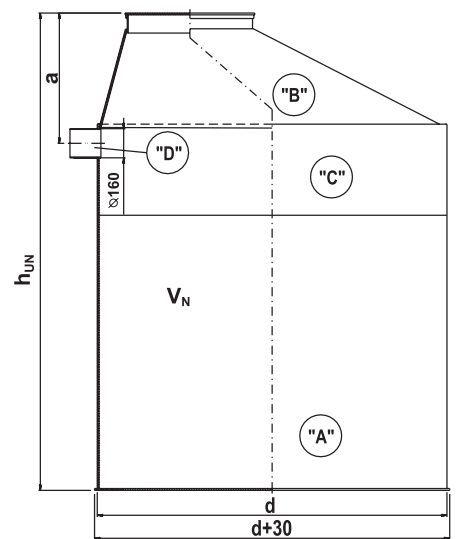
Closed septic tank
"A + B + D"



Open septic tank with the extension
"A + C + D"



Closed septic tank with the extension
"A + B + C + D"



A – main body, B – lid with the cone, C – extension, D – inflow pipe

Type range – septic tanks

SEPTIC TANK	d mm	h _O mm	h _U mm	h _{ON} mm	h _{UN} mm	a mm	V m ³	V _N m ³
I	1,278	1,521	1,835	2,021	2,335	455	2.0	2.5
II	1,601	1,526	1,985	2,026	2,485	580	2.9	3.9
III	1,920	1,526	2,120	2,026	2,620	715	4.3	5.7
IV	2,238	1,540	2,325	2,040	2,825	930	5.8	7.7
V	2,556	1,540	2,525	2,040	3,025	1,130	7.6	10.1