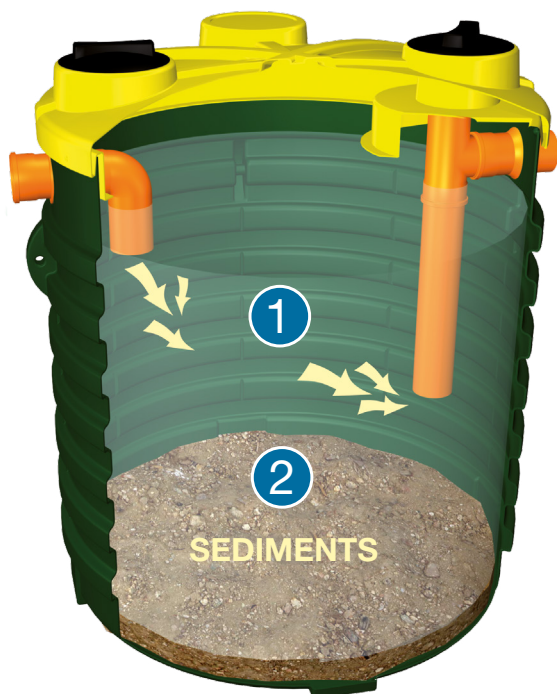


GRIT SEPARATORS



1 STILLING ZONE

zone through which the separated and treated effluent flows.

2 SEDIMENTS

area for the temporary accumulation of solids (stones, sand/grit, leaves, twigs, etc...).

INSTALLATION DIAGRAM

Covered or uncovered
hardstanding



Grit separator



OUTLET

SPECIFICATIONS

TECHNICAL CHARACTERISTICS

Grit removal is a mechanical pretreatment that removes all substances of specific weight higher than water (stones, sand/ grit, leaves, etc.) running off from covered and uncovered surfaces (roads, car parks, warehouse hardstandings, etc.) and wash areas.

The grit separator is a settling tank in which the velocity of the fluid is reduced, allowing suspended solids to settle and accumulate at the bottom of the tank.

USE

Primary treatment of runoff and rainwater from exposed surfaces, hardstandings, car parks, industrial areas, service stations, etc.

REFERENCE STANDARDS

UNI EN 858-1

UNI EN 858-2

Item	Ø mm	H mm	IH mm	OH mm	Ø I/O mm	Cover 1	Cover 2	Extension 1 (optional)	Extension 2 (optional)	Useful Vol. l	NS l/s	Covered hardstanding m2	Uncovered hardstanding m2
NDS1000	1150	1220	870	850	125	CC400	CC200	PP45	PP30	836	3	1350	540
NDS1500	1150	1720	1350	1330	125	CC400	CC200	PP45	PP30	1254	5	2250	900
NDS2100	1350	1975	1530	1510	125	CC400	CC300	PP45	PP35	1932	6	2700	1080
NDS2600	1710	1450	970	950	160	CC400	CC300	PP45	PP35	1986	8	3600	1440
NDS3200	1710	1725	1210	1190	160	CC400	CC300	PP45	PP35	2450	10	4500	1800
NDS3800	1710	1955	1410	1390	200	CC400	CC300	PP45	PP35	3015	15	6750	2700
NDS4600	1710	2225	1670	1650	200	CC400	CC300	PP45	PP35	3675	20	9000	3600
NDS5400	1950	2250	1600	1580	250	CC400	CC400	PP45	PP45	4320	24	10800	4320
NDS6400	1950	2530	1870	1850	250	CC400	CC400	PP45	PP45	5035	28	12600	5040
NDS7000	2250	2367	1720	1700	315	CC400	CC400	PP45	PP45	6399	35	15750	6300
NDS9000	2250	2625	1970	1950	315	CC400	CC400	PP45	PP45	7288	40	18000	7200

Ø= diameter; H= height; IH= inlet pipe height; OH= outlet pipe height; ØI/O= inlet/outlet pipe diameter; NS= limit flow rate (l/s).