

Tanks and Collecting Pans

1 General

Containers and catch basins are important components of dosing systems, for the safe dosing and storage of water-endangering liquids. Pre-prepared chemical tanks can be fitted with dosing pumps, valves and agitators directly.

2 Scope of delivery

- Container made of PE/PP
- Black screw cap with EPDM seal and additional FPM seal
- Flat spots to allow installation of valves
- Mounting hardware consisting of: Mounting angles, screws and washers (not with 35 l tanks)
- Moulded threaded sleeve G3/4 (not bored out) for emptying

Optional: Pre-prepared chemical tanks with mounting plate for mounting dosing pumps and valves.

Temperature resistance up to 60° C is guaranteed. Threaded bushes are provided on the lower edge of the chemical tanks for optional fitting of mounting angles (included in the scope of delivery). Use these to mount the dosing containers.

3 Gas-tight chemical tanks

There are two main reasons for designing gas-tight containers:

1. Degassing from aggressive, toxic or malodorous media must not be allowed to escape into the atmosphere.
2. The medium in the tank must not come into contact with humid air entering from outside (e.g. sulphuric acid).

In the case of closed sintered tanks with screw caps, tightness is ensured automatically.

To enable perfect emptying and filling, the tanks require sufficient ventilation to the atmosphere. This is achieved using special cartridges.

4 Avoiding effervescent media

Activated carbon cartridges are used to bind effervescent media. The harmful gases can be harmlessly absorbed for an extended period.

5 Avoiding ingress of humidity

To prevent humidity from entering the tank, moisture-absorbing silica gel cartridges are used. Due to their fine-grain filling, activated carbon and silica gel cartridges are effective for the functions described above but still allow enough air to enter and escape to protect the tank against positive and negative pressure.



6 Catch basins

PE, natural

Content	Height	Ø (inside)
35 l	400	412
75 l	540	502
100 l	700	502
200 l	730	640
300 l	960	758
500 l	980	848
1000 l	1080	1136

Table 1: Dimensions (mm), PE, nature

PP, grey

Content	Height	Ø (inside)
35 - 60 l	340	500
75 l	340	500
100 l	500	580
200 l	700	650
300 l	790	880
500 l	750	950
1000 l	900	1200

Table 2: Dimensions (mm), PP, grey

PP, grey, 60 l

Content	H	B	T
60 l	200	600	520

Table 3: Dimensions (mm), PP, grey, 60 l

PE, blue with grid, 240 l

Content	H	B	T
240 l	500	910	760

Table 4: Dimensions (mm), PE, blue, 240 l

7 Tank

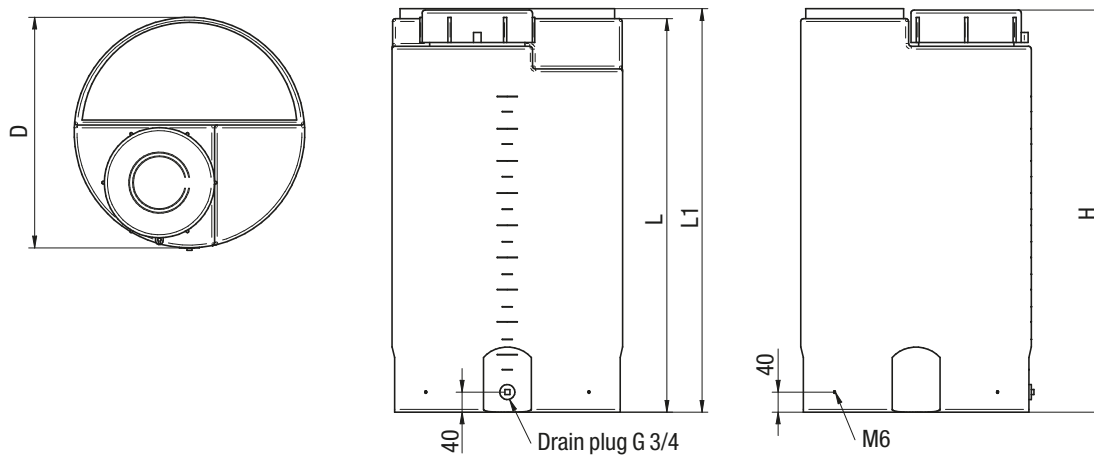


Fig. 1: Container 35 l - 1000 l

Content	H	D	L	L1
35 l	520	320	500	520
75 l	645	460	625	645
100 l	805	460	785	805
200 l	900	600	880	900
300 l	1050	670	1030	1050
500 l	1200	790	1180	1250
1000 l	1500	1100	1230	1250

Table 5: Dimensions (mm) of Fig. 1

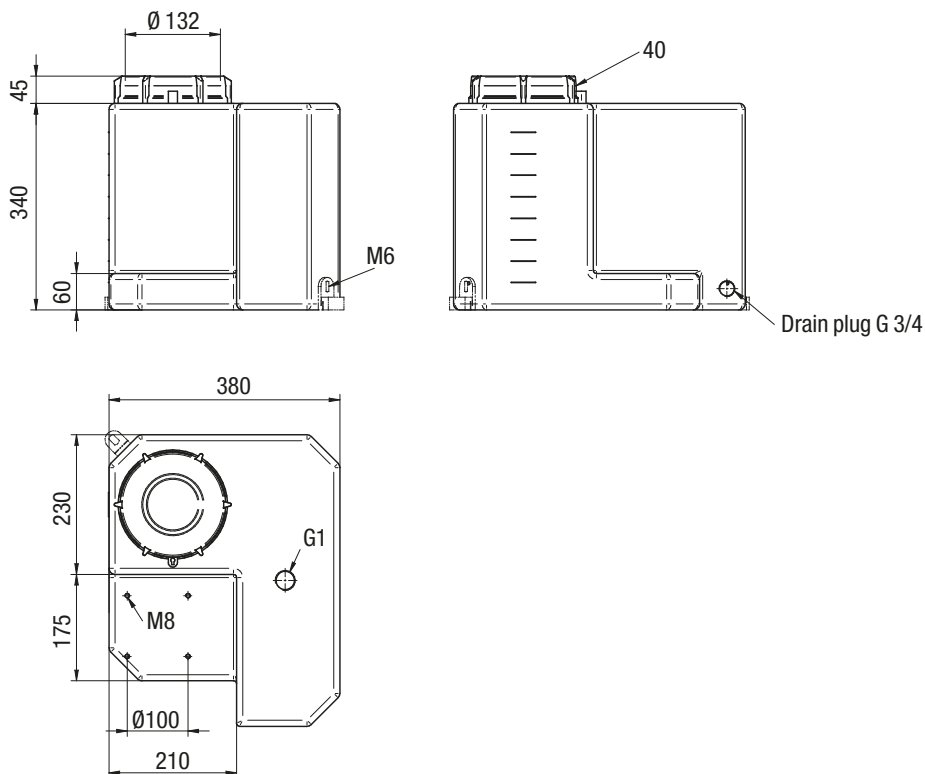


Fig. 2: Rectangular collecting pan, 45 l