

Grease Trap System

Technical Sheet WW 9

Hynds Precast Concrete Grease Traps offer a simple and effective solution that intercepts and retains the flow of greasy fluids and solids



03.26 | WASTEWATER | WW09 HYNDS GREASE TRAP SYSTEM TECHNICAL SHEET

Applications

Cafés and restaurants
Commercial kitchens and galleys
Treatment systems in unsewered areas

Product Attributes

Simple to install and easy to maintain
Manufactured from high strength, steel reinforced concrete
Designed to ensure the effective congealing of grease
Watertight joint between precast lid and tank

Approvals/Standards

NZS 3109, Concrete Construction

Sustainability

Customisable for climate-resilient infrastructure

Quality/Environment/Health & Safety

Hynds management systems are certified to ISO 9001:2015, 45001:2015, and 14001:2018 standards

TABLE 1 Grease Trap – Tank only

Product Code	Description	Capacity (Litres)	Number of Chambers	Ø IN	Ø OUT	Dim A (mm)	Dim B (mm)	Dim C (mm)	Dim D (mm)	Dim E (mm)	Mass (kg)	Load case
POKENO												
GT0114	114 L Concrete	114	1	150	150	600	840	600	400	Min. 670	384	1&2
GT0445	445 L Concrete	445	3	150	150	800	1550	990	620	Min. 670	1430	1
GT0445T	445 L Concrete	445	2	150	150	800	1550	990	620	Min. 670	1390	1
GT1000FB	1000 L Concrete	1000	2	100	100	Ø1186	1486	1568	1430	1380	2473	3
GT3000T100	3000 L Concrete	3000	3	100	100	1150	2340	1700	1450	Min. 1500	2535	1&2
GT3000T150	3000 L Concrete	3000	3	150	150	1150	2340	1700	1450	Min. 1500	2535	1&2
GT4500T150	4500L Concrete	4500	3	150	150	1225	3300	1815	1565	1615	4420	1&2
PALMERSTON NORTH												
GT0667	667 L Concrete	667	3			960	1670	1100	775	825	1992	1&2
GT3300T3100	3300 L Concrete	3300	3	100	100	1200	2575	1700	1590	1640	3187	1&2
GT3300T3150	3300 L Concrete	3300	3	150	150	1200	2575	1700	1590	1640	3187	1&2
CHRISTCHURCH												
GT0500MC	500 L Concrete	500	2	190	190	830	1300	1200	875	925	1900	1&2
GT1000FB	1000 L Concrete (FB)	1000	2	100	100	1194	1494	1568	1330	1380	2473	3
GT3300LT100	3300 L Concrete	3300	3	100	100	1150	2350	1840	1590	1640	2950	1&2
GT3300LT150	3300 L Concrete	3300	3	150	150	1150	2350	1840	1590	1640	2950	1&2
WINTON												
GT4500T150	4500L Concrete	4500	3	150	150	1225	3300	1815	1565	1615	4420	1&2

Notes:

- The 114 L grease trap is supplied with external fittings.
- Suggested invert levels (dimensions D and E) are indicative only and may vary depending on inlet/outlet pipe O.D.'s
- Prices may vary depending on your location.
- Appropriate lift clutch unit to be used.
- All measurements are external dimensions.
- Load case 1 – 300mm cover above lid + 1.5kPa(150kg/m²) surcharge unless otherwise stated
- Load case 2 – No cover above lid + 20kN(2T) single wheel load
- Load case 3 – No cover above lid + 60kN(6T) single wheel load

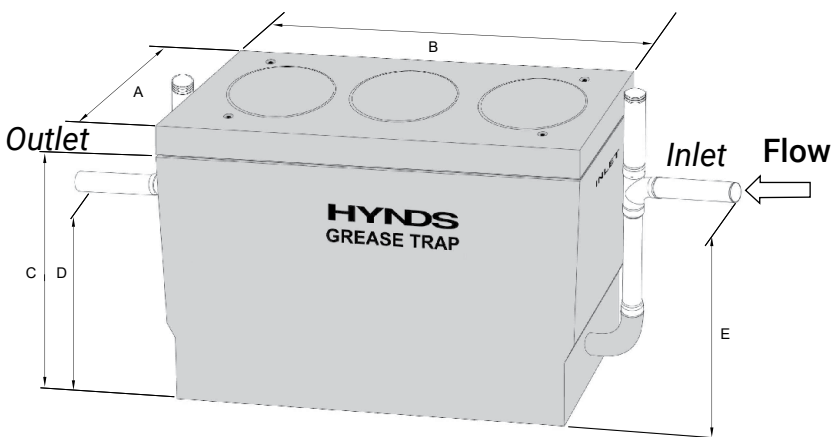


FIG. 1 General Dimensions

Pipe work (in white) to be supplied by contractor/or others

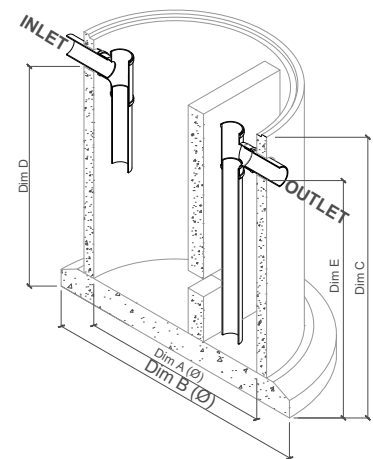


FIG. 2 General Dimensions - 1000 L

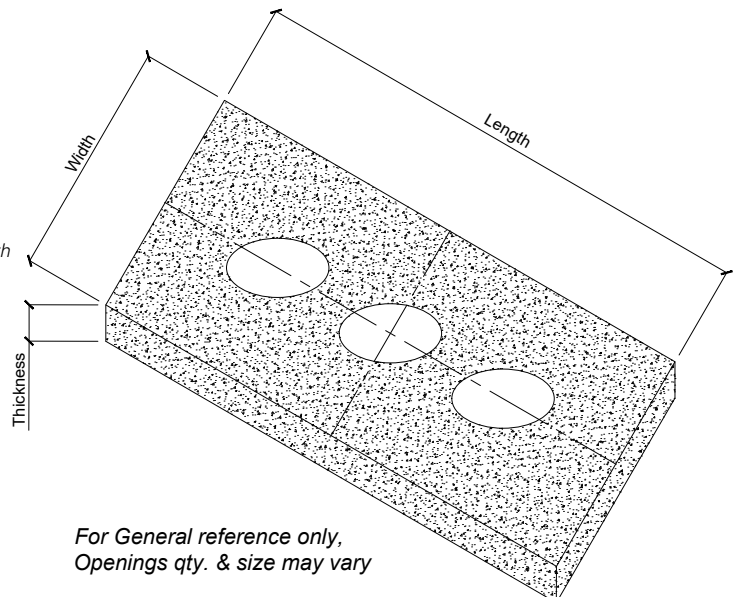
TABLE 2 Grease Trap Lid Options

Product Code	Description	Cast Iron Included* (Yes/No)	Thickness (mm)	Length (mm)	Width (mm)	Number of Openings	Opening Ø (mm)	Mass (kg)	Load Case
POKENO									
114 L Tank									
GTL0114.100	Light duty	☒	100	840	600	-	-	122	1
GTL0114.150	Light duty	☒	150	840	600	-	-	183	1&2
445 L Tank									
GTL0445.100NC	Light duty	☒	100	1550	800	2	Ø575	287	1
GTL0445.150H	Heavy duty	✓	150	1550	800	2	Ø490	456	1
1000L Tank									
GTL1000.200NC	Heavy duty	☒	200		Ø 1286	2	Ø155; Ø535	471	3
3000 L Tank									
GTL3000.260H	Light duty	✓	260	2358	1170	3	Ø530	1796	1&2
GTL3000.150NC	Light duty	☒	150	2346	1165	3	Ø530	820	1
GTL3000.200.3NC	Heavy duty	☒	200	2358	1177	3	Ø530	1090	1&2
4500 L Tank									
GTL4500.150NC	Heavy duty	☒	150	3305	1230	3	Ø530	1133	1&2
GTL4500.150FC3	Heavy duty	✓	150	3305	1230	3	Ø530	1455	1
PALMERSTON NORTH									
667 L Tank									
GTL0667.150NC	Heavy duty	☒	150	1715	1015	2	Ø540	647	1&2
3300 L Tank									
GTL3300T3.150H	Light duty	☒	150	2587	1212	3	Ø530	920	1
GTL3300T3.200H	Heavy duty	☒	200	2595	1220	3	Ø530	1227	1&2
CHRISTCHURCH									
500 L TANK									
GT0500LT100	Light duty	☒	105	1300	830	2	Ø160	280	1
GT0500LT150	Light duty	☒	150	1300	830	2	Ø160	390	1&2
1000 L TANK									
GTL1000.200NC	Heavy duty	☒	200		Ø 1194	2	Ø155; Ø540	471	3
3300 L TANK									
GTL3300.200H	Heavy duty	✓	200	2365	1165	3	Ø505	1188	1&2

***Purchased separately from the branch; add durable Access Cover to lids not supplied with cast iron.**

Notes:

- Load case 1 – 300mm cover above lid + 1.5kPa(150kg/m²) surcharge unless otherwise stated
- Load case 2 – No cover above lid + 20kN(2T) single wheel load
- Load case 3 – No cover above lid + 60kN(6T) single wheel load
- All measurements are external dimensions.
- The combination of tank & lid must conform to identical load cases (eg. If load case 2 is selected, then both tank and lid must comply with load case 2).



For General reference only,
Openings qty. & size may vary

TABLE 3 Access Cover Options

Opening Size (mm)	Suitable Access Cover	Description
Ø505 Ø530 Ø540 Ø505	CIMHDCF CIMLDCF	Manhole Access Cover - Heavy Duty and Light Duty
Ø155	LHCF-STW	CI Cleaning Eye
Ø600	-	Ductile Iron- Maestro/Twino

- Refer to Hynds Streetware Catalogue (January 2024).
- Please see Streetware catalogue or Local branch for further options.

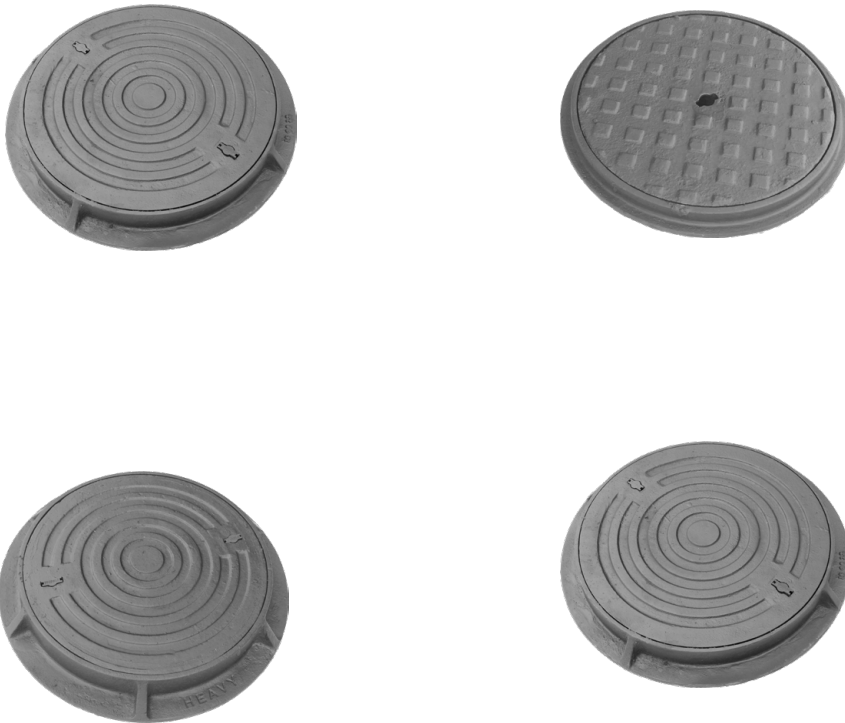


FIG. 3 Hynds offer a traditional range of Cast Iron access covers to suit standard municipal requirements.

Branches Nationwide Support Office & Technical Services 0800 93 7473

Disclaimer: While every effort has been made to ensure that the information in this document is correct and accurate, users of Hynds product or information within this document must make their own assessment of suitability for their particular application. Product dimensions are nominal only, and should be verified if critical to a particular installation. No warranty is either expressed, implied, or statutory made by Hynds unless expressly stated in any sale and purchase agreement entered into between Hynds and the user.

0800 425 433

hyndswastewater.co.nz | wastewater@hynds.co.nz

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