Installation Instructions
(for part nos HD33 & HD33L)
Concrete Main Drain
(Part No: HD33)

Note: when installing main drain care should be taken to prevent slurry and cement from settling in unit

Hydrostatic relief valve part no CK34 or HD34 (not included) it is important that this fitting is clean and free from grit. Check seating before filling pool.

Ensure that fitting is square and flush with pool shell and finish

Fitting must be so positioned that it is proud of concrete by the thickness of the pool finishes, ie., waterproof rendering and mosaic or tiles (average 25mm)

Hardcore gravel under the pool floor to act as water collection area

Puddle flange

Collection tube part no HD35 (not included)

For 1.5 BSP (40mm) connection use part no HD9 screwed reducing bush (see next page)

Make joint between main drain and collection tube with PTFE tape

Concrete pool shell

Not to scale
Liner Main Drain
(Part No: HD33L)

Note: when installing main drain care should be taken to prevent slurry and cement from settling in unit.

Pool liner must be fitted between gasket and clamp ring. Screws are supplied.

Set main drain square and level in concrete or to pool suppliers instructions.

2" BSP (50mm) suction line to filter for 1.5BSP (40mm) connection use HD9 screwed reducing bush (not included) or CP2HN for 2" female fitting or 1.5" male pipe (not included).

Pool liner laid on base to suppliers instructions.

1.5" BSP (40mm) connection. If not used close off with a 1.5 threaded stop plug part no PG3324 (not included). Seal with PTFE tape.

Fixing Detail
Not to scale
**Additional Information**

- Recommendation - Main drains must be arranged so that there is no risk to bathers being drawn towards them or trapped there.

- It is recommended that on all installations (including domestic) a minimum of 2 x Main drains are installed.

- All pipework and pool fittings must be pressure tested before backfilling and commissioning.

- These fittings should not be used in water depth of less than 0.9 metres.

- When used in water depth of less than 2 metres, we recommend the use of a stainless steel main drain grille (CK33G - not included).

- Flow rate through the grid not to exceed 0.3m/sec.

- Grid must be securely fixed by screws when pool is in use.
Certikin Main Drains

**CK33G** - Stainless Steel Grille

**SPC266** - Old Style Main Drain Grille

**SPC266N** - New Style Grille

**SPC271** - Old Style Flange

**HD33L**

Base Thread: 1.5” BSP
Side Thread: 2” BSP

185mm
250mm
150mm

1.5” BSP
<table>
<thead>
<tr>
<th>Certikin Code</th>
<th>Product Description</th>
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<tbody>
<tr>
<td><strong>Certikin Main Drains</strong>&lt;br&gt;<strong>HD33 &amp; HD33L Main Drains</strong>&lt;br&gt;<strong>SPC266N</strong></td>
<td>High Flow Low Velocity ABS Grille</td>
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<tr>
<td><strong>SPC266</strong></td>
<td>ABS Grille 7 1/4” Diameter (for early Main Drains - Pre 1990 use cover kit SPC264)</td>
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<tr>
<td><strong>SPC405N</strong></td>
<td>Grille Fixing Screw No: 12 x 7/8&lt;br&gt;CSK POZI - <strong>Pack of 25</strong></td>
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<tr>
<td><strong>SPC271</strong></td>
<td>Liner Flange</td>
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<tr>
<td><strong>SPC272</strong></td>
<td>Liner Flange Gasket</td>
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<tr>
<td><strong>SPC422</strong></td>
<td>Liner Flange Screw No: 10 x 1” POZI - <strong>Pack of 10</strong></td>
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<tr>
<td><strong>SPC271C</strong></td>
<td>Concrete - Liner Adaptor Ring</td>
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<tr>
<td><strong>SPC304</strong></td>
<td>Brass Hydro Valve Gasket</td>
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<tr>
<td><strong>SPC264</strong></td>
<td>Replacement Main Drain Grille Kit&lt;br&gt;(for pre 1990 Main drains with no screw holes)</td>
</tr>
<tr>
<td><strong>SPC534</strong></td>
<td>Anti Vortex Grille Screw No: 10x11 / 2”- <strong>Pack of 10</strong></td>
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