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#### LSC1.4S - Floor Level Drainage Pump

Internal check valve allows LSC pump to hold prime for:

- start-up at any water level
- pump down to any surface
- prevention of back-flow when turned off



#### LSR2.4S - Ground Level Drainage Pump

Top discharge, angle coupling design allows for:

- continuous operation at low water levels without overheating motor
- easy change to vertical or horizontal discharge

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# HS2.4S Residue Kit Installation Guide

The RESIDUE KIT provides a low water level pump down by simply replacing the standard Strainer Stand of your Tsurumi HS2.4S Sand/Trash Pump with this Residue Kit.



Residue Kit Installed on  
Tsurumi HS2.4S Sand/Trash Pump

 **TSURUMI PUMP**

### Step 1:



Make sure your Residue Kit has all components on hand:

- Residue plate
- Hex bolt M8 x 65 (Qty 3)
- Flat washer M8 (Qty 3)
- Nylon Spacer M8 (Qty 3)

### Step 2:



Remove the strainer stand from pump by removing the (3) M8 nuts using a 13mm wrench or socket.

### Step 4:



Replace the pump casing / discharge assembly to the pump assembly and place either set of (3) flat washers (for lowest pump down level), or (3) nylon spacers (to retain solids handling capability).

**<CAUTION>** Use the nylon spacer option when the pump is used on a finished surface or flexible material such as a swimming pool or pond liner.

### Step 5:



Place the residue plate, assuring that the bolt through-holes are aligned with the washers or spacers. Install the (3) M8 x 65mm hex bolts from the Residue Kit as illustrated.

### Step 3:



Lift the pump assembly from the pump casing / discharge assembly and invert the pump upside down on a sturdy level surface. Block the pump in place as illustrated to assure it is stable during installation of the residue plate.

If a suitable size block is not available, the strainer stand may be used to support the pump.

### Step 6:



To complete the Residue Kit installation, reinstall the (3) nuts removed in Step 2, and carefully return the pump to its upright position.

**<CAUTION>** When small stones are present, clear a large area free of stones and place the pump on a hard level surface (such as a board) to prevent stones from passing through the pump.