

STRAINER POT KIT INSTALL GUIDE

FOR INTELLIFLO3™ VSF AND INTELLIPRO3™ VSF PUMPS

⚠ WARNING Always disconnect power to the pump at the circuit breaker before servicing the pump. Failure to do so could result in death or serious injury to serviceman, pool users or others due to electric shock. Do NOT attempt to adjust or service without consulting your dealer or a qualified pool technician. Read the entire Installation and Maintenance Guide before attempting to use, service, or adjust the pool filtering system or heater.

⚠ WARNING Do NOT open the pump strainer pot if pump fails to prime or if pump has been operating without water in the strainer pot. Pumps operated in these circumstances may experience a build up of vapor pressure and may contain scalding hot water. Opening the pump may cause serious personal injury. In order to avoid the possibility of personal injury, ensure the suction and return valves are open and strainer pot temperature is cool to touch, then open with extreme caution.

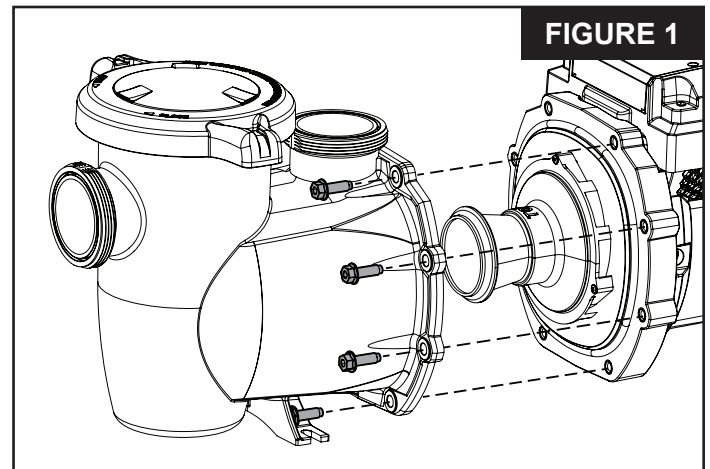
AVAILABLE OPTIONS	HP	KIT P/N
INTELLIFLO	1.5	356174z
	3	356175z
INTELLIPRO	1.5	356346z
	3	356347z

NOTE: "Strainer Pot" kit includes strainer pot and bolt inserts. Strainer pot bolts must be purchased separately.

Removing the Existing Strainer Pot

1. Press ON/STOP to stop the pump and disconnect all power to the pump at the circuit breaker.
2. Close all valves in suction and return lines.
3. Relieve all system pressure using the filter air relief valve.
4. Remove both Drain Plugs from the Strainer Pot and drain the pump.
5. At the inlet and outlet unions, disconnect the pump from the system plumbing.
6. Using a 9/16" wrench, remove the six or eight Strainer Pot Bolts securing the Strainer Pot to the Motor/Hydraulic Assembly (**FIGURE 1**). Place the bolts aside for later use.
7. Gently separate the Strainer Pot from the rest of the pump.
8. While the pump halves are separated, it is recommended that you inspect the Impeller, Diffuser and O-rings for debris buildup, blockages or damage.

Refer to your pump's *Installation and Maintenance Guide* (P/N 356231) for specific instructions.



Installing the New Strainer Pot

1. Properly align the new Strainer Pot with the Seal Plate.
2. Push all six or eight Bolt Inserts (1) into the Strainer Pot Bolt holes until the insert are seated as shown at the top of **FIGURE 2**.

NOTE: Bolt Inserts will protrude approximately 1/8" [3 mm] out from the strainer pot until the Strainer Pot Bolts (2) are fully tightened.

3. Insert all six or eight Strainer Pot Bolts (2) into the Bolt Inserts (1) and tighten each bolt by hand.
4. Using a 9/16" wrench, loosely tighten each Strainer Pot Bolt (2) in a criss-cross pattern as shown in **FIGURE 3**.
5. Fully tighten each Strainer Pot Bolt (2), following the same pattern used in Step 4.

NOTE: Ensure the Bolt Inserts (1) are fully seated, flush against the Strainer Pot. This will ensure proper compression and seal between the Pot and Motor/Hydraulic Assembly.

6. Reconnect the pump to the system plumbing using the plumbing unions.
7. Refer to your pump's *Installation and Maintenance Guide (P/N 356231)* for instructions on restarting your filtration system.

