

Bottom suction adapter J 12 - J 24

SULZER

General

Pump model J 12, J 15, J 24 and JC 24 can be equipped with a bottom suction adapter.

On a standard pump the water is fed through the strainer into the diffuser. The water level can therefore not be lowered below the diffuser inlet, which means that approximately 25 mm (1 inch) of water will always stay in the sump.

This is of less importance on a construction or building site, but when water is to be pumped out of a flooded cellar or a tank, also the last inch of water can be removed.

Application

When the standard bottom plate is replaced by a bottom suction adapter the water feeds directly into the diffuser through a bottom intake with strainer. See picture and illustration. Note that the performance curve will give less flow than the standard curve.

A floor or tank can be pumped practically dry with this adapter. In order to prevent the water in the pump and the discharge hose from flowing back onto the floor when the pump is switched off, it is advised to remove the pump, while it is still running. Another alternative is to mount a check valve directly after the discharge spigot on the pump.

Procedure

The bottom suction adapter can be ordered mounted on the pump. When mounted afterwards be aware on following.

- The impeller must run free from the part which is mounted against the diffuser.
- The diffuser must be correctly adjusted against the impeller.

Bottom suction adapters available

Type	P/N
J 12, J 15	31400611
J 24, JC 24	31400610

