

## PROPER POSITIONING OF AN IMPELLER IN A CENTRIFUGAL BLOWER

Proper setting of the impeller position when rebuilding a multi stage cast iron blower is critical to insure both mechanical operation but also blower flow and pressure or vacuum.

While special gauges for setting the position of the impeller are used in the factory, these gauges are not available when doing a field repair.

The impeller needs to be correctly centered between the cast iron sections. Impeller shims are used to adjust the height to the correct position.

Use the diagram below (Detail A) to visually adjust your impeller height. When using this technique, the blower should be sitting upright with the shaft in the vertical position and the machine is level.

