

Product Code . LSK-FM-10478

Propeller Turbine



Description

The turbine has adjustable guide vanes that control the water flow in the turbine. They also direct the water at an angle to the back of the propeller. Students learn how the guide vane setting affects how the turbine works.

The turbine has a clear viewing window around the guide vanes and a clear draft tube so that students can see the turbine working.

The Propeller Turbine is an inward flow reaction turbine, but with fixed blades.

It is a very common turbine and works best with high flow rates. Its moving part (runner) is a propeller, similar to those that push ships and submarines through water.