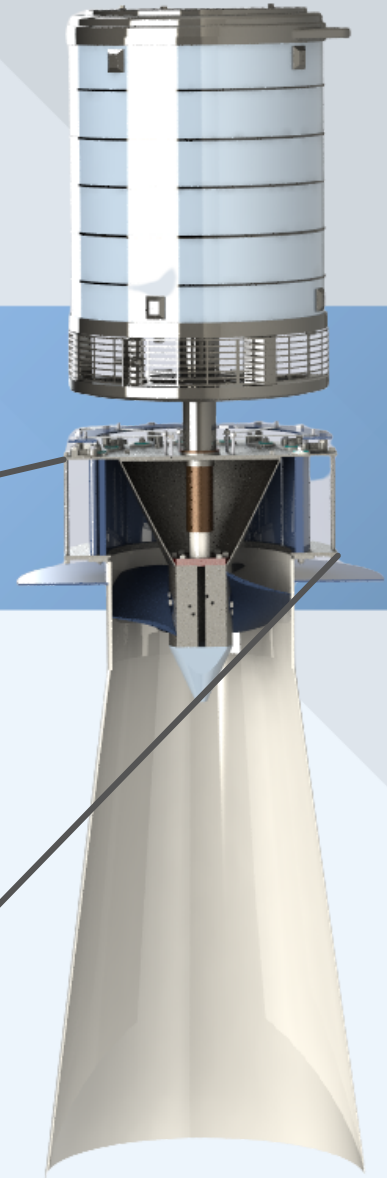




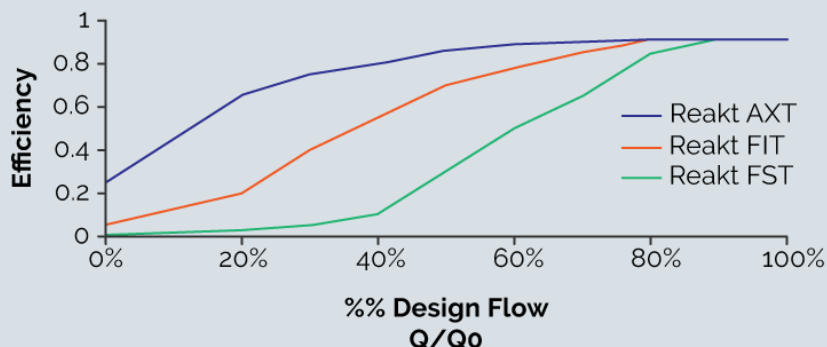
# Reakt<sup>tm</sup>



Reakt is a flexible, efficient, easy to install turbine for new sites or environmentally friendly upgrades.



Reakt<sup>TM</sup> Turbine Characteristic Curve



**AXT:** dual regulation (RPM/flow)

**FIT:** single regulation (RPM only)

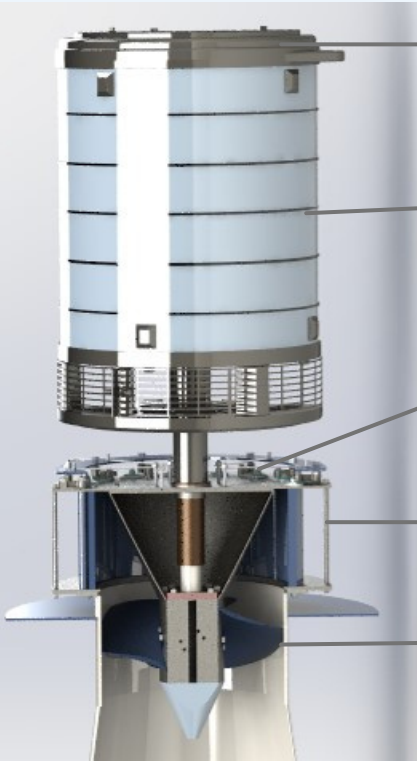
**FST:** unregulated: low cost performance at design flow



Reakt™



## technical features

**Scalable Generator**

The submersible Permanent Magnet Generator (PMG) design includes module stacks to allow the easy expansion of the generator to match the site operating conditions.

**Direct Drive**

Direct turbine drive eliminates the efficiency loss and cost of a gear box

**Intelligent Operation**

Onboard sensors monitor performance for system health and ongoing optimization. When the variable speed generator is at full load the unit can shift to synchronous operation improving efficiency and adding spinning reserve capability.

**Wicket Gate and bearing assembly**

The simple design maximizes reliability while lowering maintenance and precise flow regulation. The integrated bearing holder accommodates standard bearings of various types to afford the user flexibility.

**Reakt Runner**

The fixed blade runner and flexHybrid blade technology bring site-optimized blades at a fraction of the traditional cost for machined blades.

Model	Power (kW)	Flow (cfs)	Head (ft.)	Runner OD (in.)
REAKT 18	15-175	15-50	10-50	18
REAKT 32	50-400	51-100	10-50	32
REAKT 40	75-650	101-200	10-50	40
REAKT 52	150-1,000	201-500	10-50	52

Reakt Turbine Selection Chart

