



# ROT06 Radial Outflow Turbine ORC

**Infinity Turbine  
LLC**

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<https://infinityturbine.com/model-rot06-radial-outflow-turbine-6-inch-diameter-10hp-expander-generator-from-infinity-turbine.html>

Company Name: Infinity Turbine LLC

Product: ROT 06 Turbine Generator Assembly

Working Fluid: Refrigerants, water, and CO2

Working Pressure: Less than 300 psi.

Certification: Experimental. Not ASME certified as is.

Drawings Provided: As is.

Machine: ORC and ROT Radial Outflow Turbine System

Industry: Energy

Applications: Waste heat to power, utilities, server farms, bitcoin mining, hot geothermal.

High Technology Uses: Converting waste heat to power.

Machine Features: One moving part.

Machine Runs On: Air, and some refrigerants, such as R245. Can be converted to a CO2 turbine with proper engineering enhancements with materials and seals which can withstand ASME coded materials and construction for 2,000 psi or more.

Real World Testing: This turbine has been built and tested with air (15-100 psi) and R245fa under pressure (300 psi or less).



This webpage QR code

**PDF Version of the webpage (maximum 10 pages)**

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## **ROT06 Turbine Generator Plans and Blueprints**

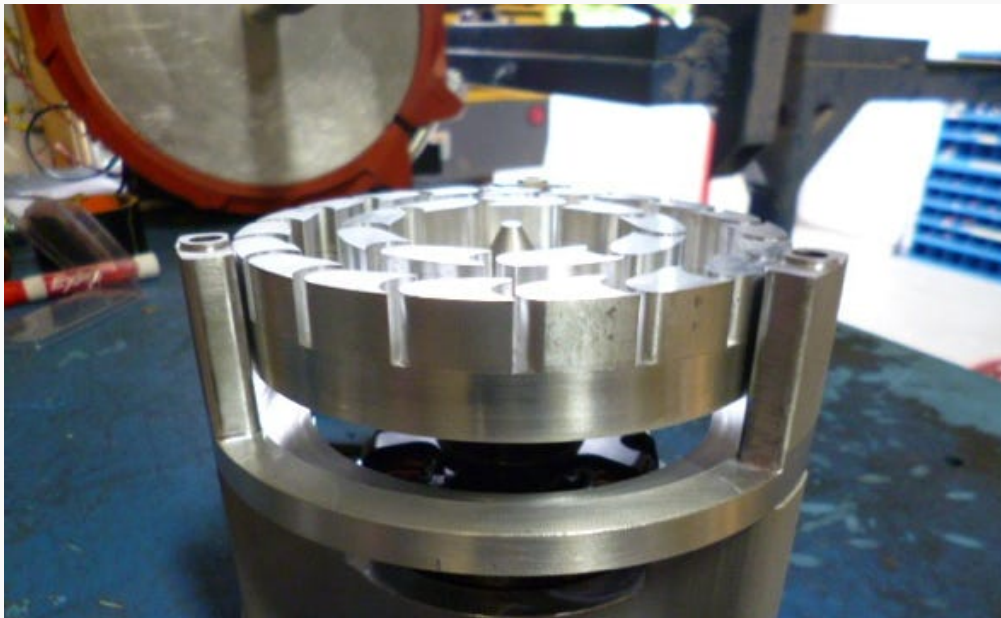
The ROT06 is a good turbine for the IT10 system platform.

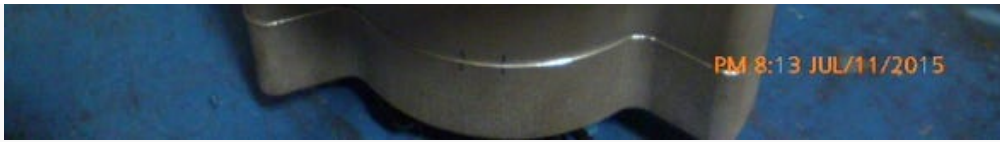
Pricing: Please refer to price list or email Infnity.

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## Plans Download:

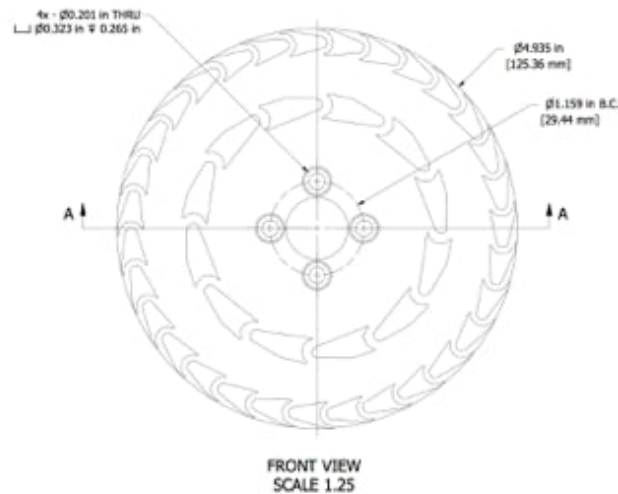
The plans include images of each component in (.jpg/png) and (.pdf) views.

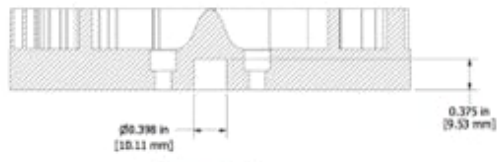
The machine ready files include .dwg, .dxf, .xt and we can provide other files on request from our AutoDesk suite of Cad/Cam software.

The files are provided by a FTP download.

The license is for the turbine blueprints only, and does not include any support (optional).

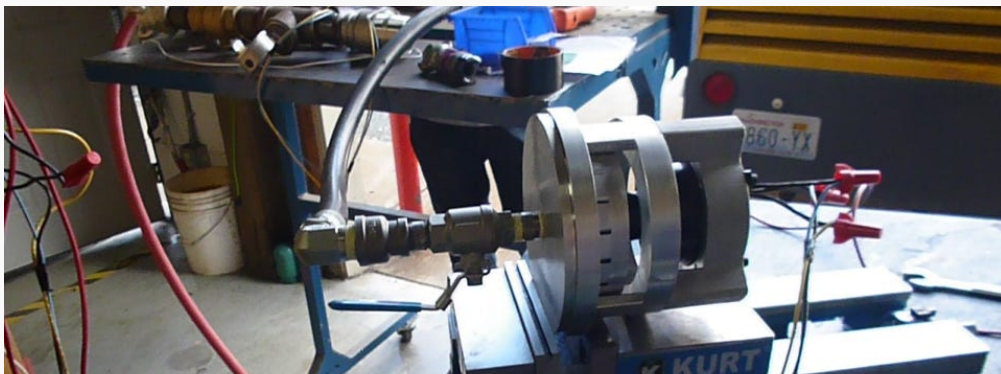
If you would like system blueprints (bill of materials, heat exchangers, pump motor, frame, piping, etc.) for our Supercritical CO<sub>2</sub> or standard R245fa, or R134a, please contact Infinity.





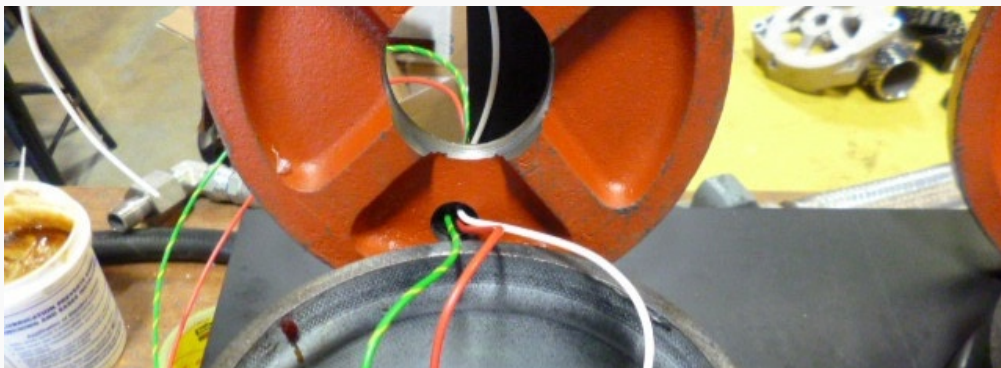
SECTION A-A  
SCALE 1.25

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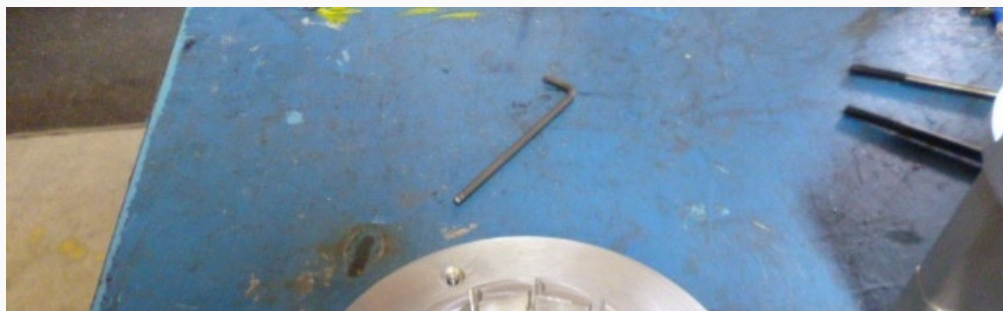


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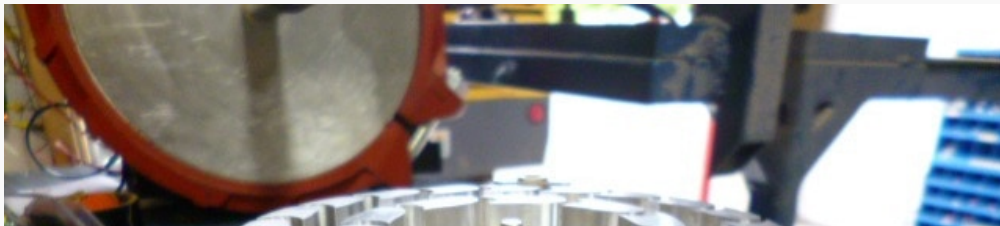
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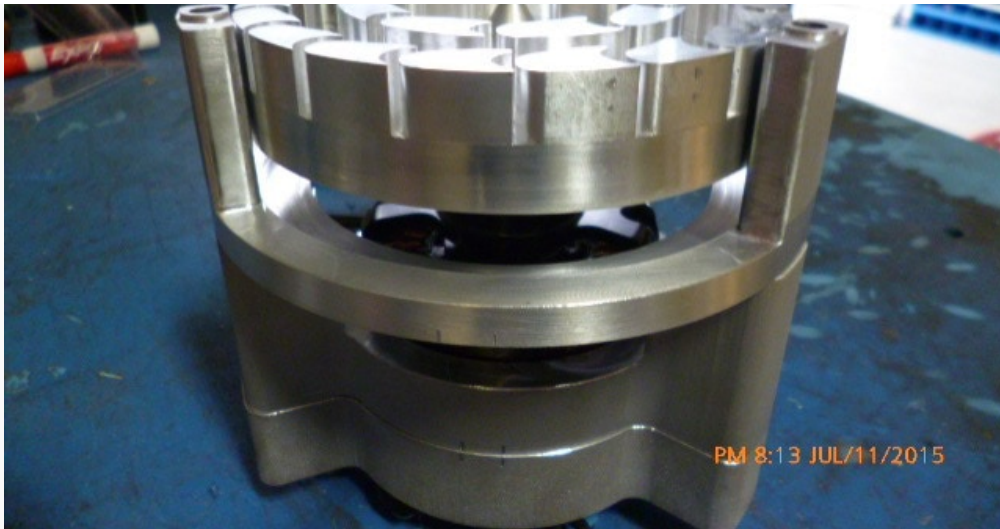






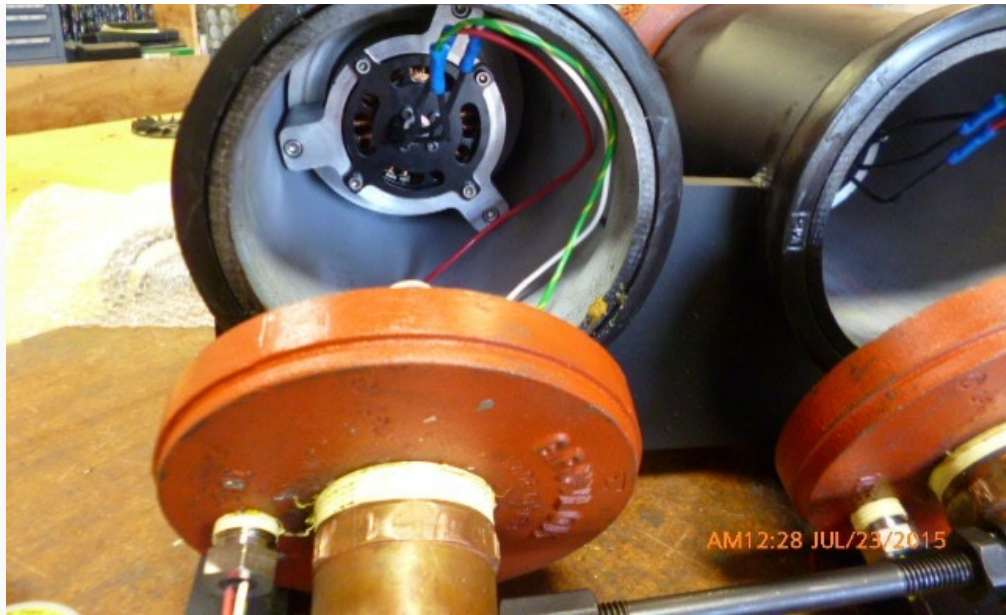
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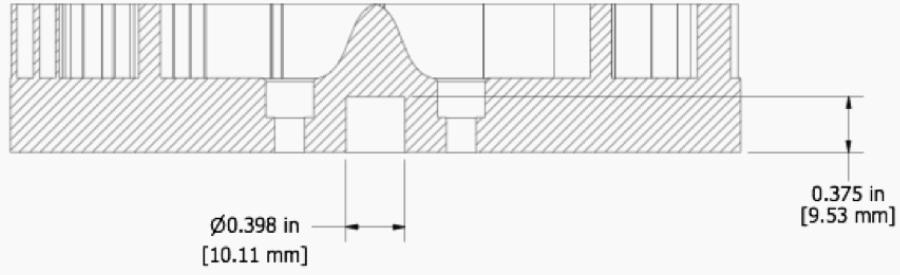


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