



**Coanda Power Systems**

*small hydro made simple*



## Benefits of Coanda Power Systems

### **RENEWABLE ENERGY**

Coanda Power Systems harness the renewable power of mountain water to create energy.

### **LOW COST OF MAINTENANCE**

Coanda Power Systems require minimal maintenance at the intake.

### **SIMPLE TO DEVELOP**

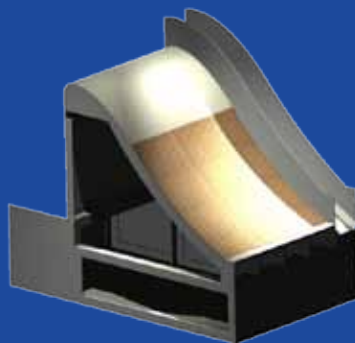
Coanda Power Systems are simple and consist of a Coanda Power Box and a powerhouse.

### **HIGH ENERGY YIELD**

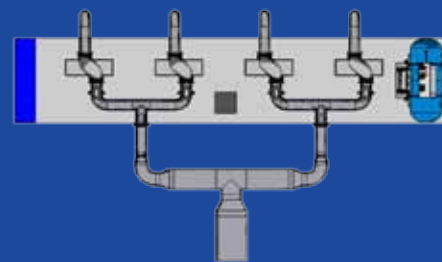
Coanda Power Systems provide a high volume of energy relative to the cost or physical footprint.

The world needs power.

Across the globe, people are looking forward and saying, "I want power to do that." To pump water. To run small industry; to charge my phone; to watch my team; to connect to the connected world emerging around me. And this power source needs to be clean, needs to be cost effective, and needs to simply work. Coanda Power Systems are a tool to help reach this need.



Coanda Power Box



Coanda Powerhouse

Coanda Power Systems are a package of green, robust, and proven equipment — including a Coanda Power Box and Powerhouse — to harness small hydro potential simply, quickly, and cost effectively.



# COANDA POWER SYSTEMS DATA SHEET

Please fill out as much information as possible in order to properly meet your small hydro needs.

Company	(required)		
Contact	(required)	Phone:	
Email	(required)	Fax:	

These design inputs come together to help us size your screen. It's possible you won't know some of these answers. Make a guess if you don't know, but let us know in the "Other Design Considerations" section at the bottom of the page.

Project Name:			
Location:			
Creek Flow (CMS) <sup>1</sup>	Normal		200 Year
Coanda Intake Throughput/Net IFR (CMS)			
Maximum Weir Length (meters)			
Maximum Intake Drop Height (meters) <sup>4</sup>			
Total Head (meters)			
<b>Other Design Considerations:</b>			

**Notes:**

1. Creek flow over intake during normal operations measured in cubic meters per second.
2. Volume of water diverted from the creek into the intake.
3. Normal yearly flood flow conditions.
4. Difference in elevation between the top and bottom of the box. This is head loss due to the Coanda Power Box.

Fax completed data sheet to Cook Legacy: (614) 524-4586 or email: [ryan.cook@waterscreen.com](mailto:ryan.cook@waterscreen.com)  
 Phone: (614) 524-4588

