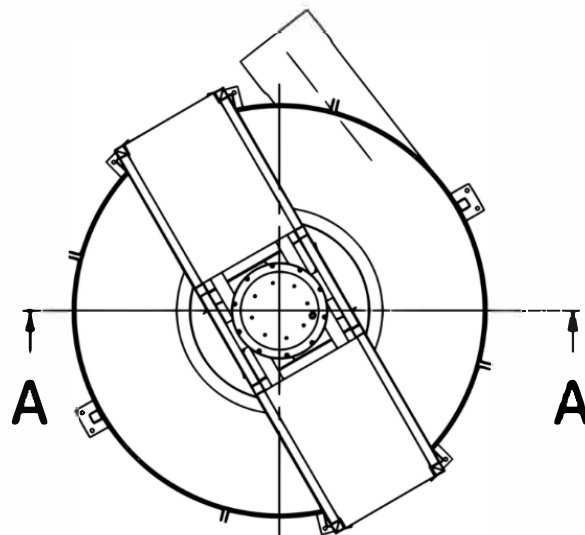
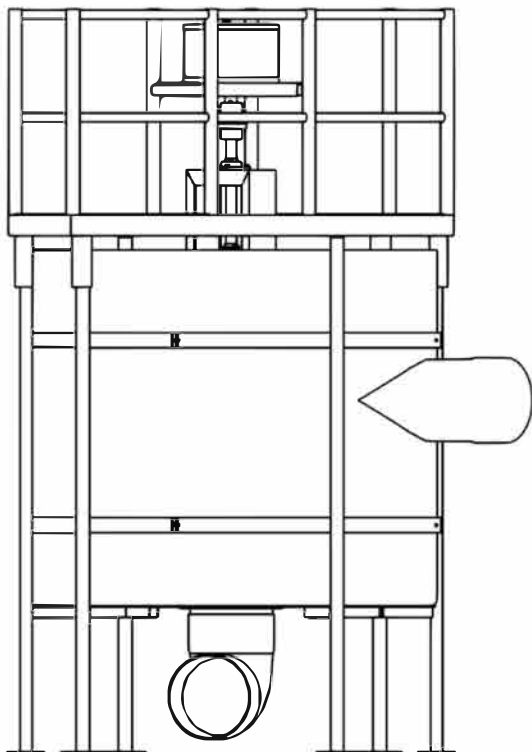


Kouris Centri Turbine Generator (KCT)

Product Datasheet



Operating Conditions

Ambient temperature
-10°C to 50°C

Minimum Fall Height:
2m

Component Materials

Body: Metal parts, hot-dipped galvanized steel

Chamber: Plastic

Blades and rotor: Hot-dipped galvanized steel

Powerhouse (optional module):
Galvanized steel frame with powder coated paint

Generator Module

Permanent Magnet Generator

Inverter Module

Grid connected / stand-alone

Installation Procedure

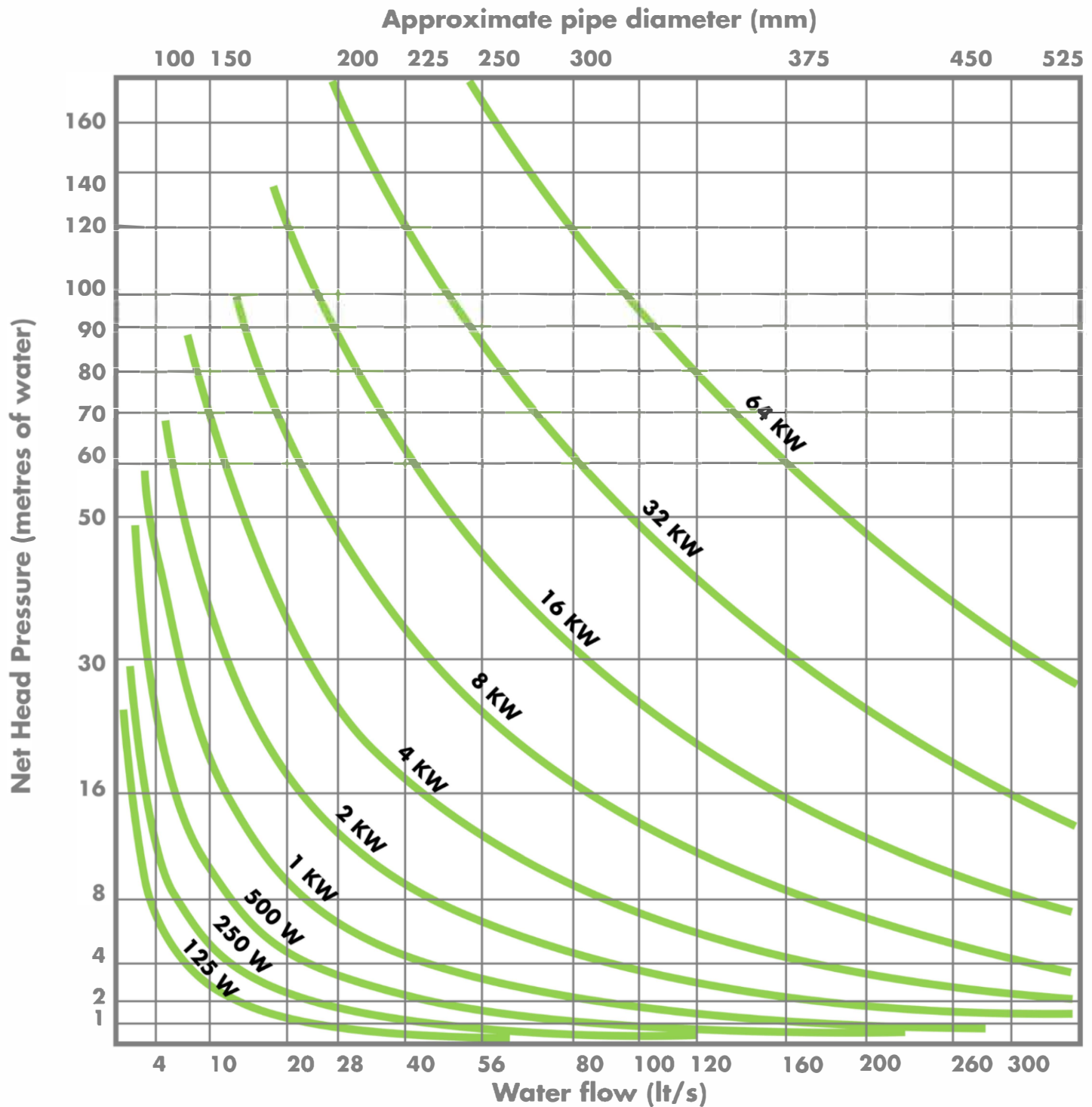
The KCT site is evaluated and pending satisfactory measurements the installation is planned.

The KCT model should be chosen to match or slightly exceed the mean/nominal output potential of the site.

To determine the correct output please refer to the chart overleaf. The characteristics of each model are explained in the table underneath the chart.

Once the KCT model is assembled it can be placed on a foundation of reinforced concrete if necessary. With the exception of the foundation block, the only other prerequisite component is the construction of the canals / pipelines.





Model Name	Nominal Power	Other Info	Chamber Dimensions	Total Dimensions	Suggested Flow Rate litres/Sec
KCT-005-S/H	500W	Single Phase	D:1.0m H:1.0m	TBC	<80
KCT-010-S/H	1kW	Single Phase	D:1.1m H:1.5m	TBC	<80
KCT-015-S/H	1.5kW	Single Phase	D:1.3m H:1.5m	TBC	<80
KCT-018-S/H	1.8kW	Single Phase	D:1.5m H:1.5m	TBC	<80
KCT-030-S/H	3kW	Single Phase	D:2.0m H:1.8m	TBC	<150
KCT-050-S/H	5kW	Single Phase	D:2.0m H:2.0m	TBC	<300
KCT-100T-S/H	10kW	3 Phase	D:2.9m H:2.0m	TBC	<300
KCT-150T-S/H	15kW	3 Phase	D:3.4m H:2.0m	TBC	<300
KCT-200T-S/H	20kW	3 Phase	D:4.2m H:2.0m	TBC	<300

*Figures are based on mean values and may vary slightly

Product features, specifications and information provided can change without prior notice