

Technical Highlights of example SWAC system using one pair of 300 mm hoses.

Outputs

Nameplate cooling range (Gross) Up to 1.6 MW

Inputs

Fuels Cold sea water
Air

Efficiency

Energy use per Km 5kW
Head loss to surface (Pa/Km) 2480

Emissions

Cold water outlet (deg. C.) 8
Cold water intake (deg. C.) 4.5

Physical Attributes and Environment

Weight Less than 1 tonne
Volume Less than 2 M3

Codes and Standards

ASME or equivalent for boilers, condensers and pressure vessels.
Installation - Subcontractors work to DNV-GL safety standards at work.

Additional Notes, extras and their purpose.

Normal AC tubing and piping (transporting cooled air from heat exchanger to rooms.

Heat exchanger off the shelf - selected based on individual criteria.