



CCGS ARPATUUQ

HVAC FOR CANADA'S NEW POLAR ICEBREAKER SERVING AS VERSATILE VESSEL FOR THE CANADIAN COAST GUARD

Canada's new Polar Icebreaker

The new Canadian Polar Icebreaker will play a key role in safeguarding Canada's sovereignty, advancing Arctic science, supporting Northern resupply, and conducting search and rescue operations.

Built by Seaspan Shipyards under Canada's National Shipbuilding Strategy.

KNUD E. HANSEN is responsible for the HVAC design on board, delivering robust and efficient climate control systems tailored for reliable performance in extreme polar conditions.

PRINCIPAL PARTICULARS

Length over all	158.20 m
Breadth, moulded	28.00 m
Design Waterline	10.50 m
Design displacement	26,000 t
Service speed	2.5 m @ 3 knots
Complement	100 pers
Installed power	46 MW