

Features:

- **Sealless, Leakproof Design.**
- **Corrosion Resistant Materials.**
- **Compact Configuration.**
- **Close Coupled Motor.**
- **Heads to 60 feet.**
- **Flows to 300 GPM.**
- **Low NPSH Configuration.**

The NIKKISO COLDFLO™ is a canned motor chiller pump designed for sealless, leakproof operation. Utilizing state-of-the-art pump technology, it features maximum hydraulic and electrical efficiency. These technological improvements directly translate to improved chiller capacity and efficiency. As an additional benefit, they also increase pump reliability and reduce wear resulting in unprecedented runtime availability and Mean Time Between Preventative Maintenance (MTBPM) well above industry standards.

The COLDFLO™'s unique high efficiency inducer design assures low inlet loss, cavitation reduction, and successful long term operation even in installations with the minimal NPSH availability typical of refrigeration systems.

Because of its sealless design, it is well suited for circulating and transferring the most aggressive heat transfer fluids in environmentally sensitive areas or locations with critical contamination concerns like Beverage, Biotechnology, Food, Medical and Pharmaceutical facilities.

Typical COLDFLO™ Installations:

- Ammonia Circulation Systems
- CFC / HFC Circulation Systems
- Brine Circulation Systems



Model SS230



Model S291



Model SS231

Materials of Construction

Parts Name	Standard Material	Option
Casing	316 SS	304 SS
Inducer	316 SS	304 SS
Impeller	316 SS	304 SS
Shaft	316 SS	304 SS
Bearing	Carbon Graphite	---
O-ring	FKM	EPDM

Motor Options

Power	Insulation	Enclosure
208 / 3 / 60	Class C	Totally Enclosed
230 / 3 / 60	Class E	Outdoor
460 / 3 / 60	Class F	Cl.I, Gr.D, Div.2
Special / 50	Class H	Cl.I, Gr.D, Div.1

HYDRAULIC ENVELOPE

