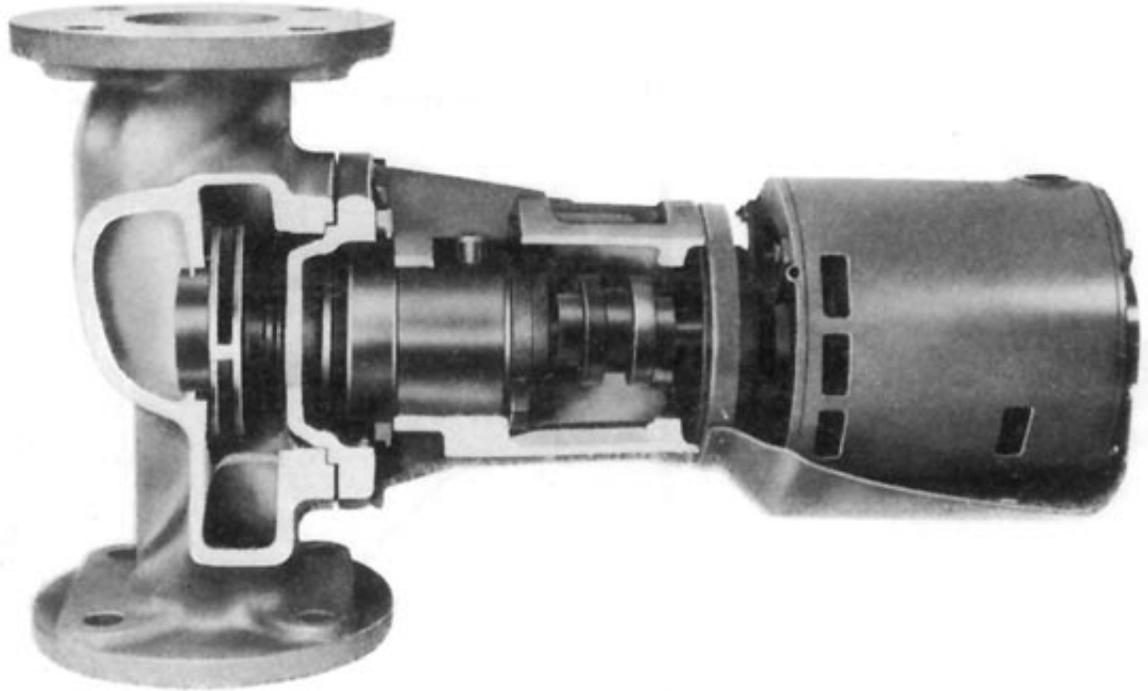


Series 121 – 138



IN-LINE CARTRIDGE DESIGN PUMPS

APPLICATIONS

Designed to efficiently circulate heated or chilled water in large residential and commercial hydronic or solar systems. Ideal for primary-secondary systems, as well as parallel pumping designs. Available in bronze construction for fresh water service.

FEATURES

Proven Performance — In-Line Cartridge Design Pumps are backed by over 42 years of Taco experience in design and manufacture of circulators. Tens of thousands are in service.

Dependable — Quiet Operation — In-Line Cartridge Design Pumps offer quiet, dependable pumping power and long-lasting performance. Ideal for heating and/or air conditioning systems requiring high head performance with relatively low volume.

Unique Cartridge Design — The Taco “Cartridge” pumps are the first in-line pumps to be specifically designed for hot water service. The unique cartridge design allow operation in systems up to 300°F. Bearing lubricant is isolated from the effects of the system fluid temperature.

The Taco Cartridge pumps are the only in-line pumps having a centrifugal lubrication system. A dip stick is provided to check the oil level and a drain plug is provided to change the oil when necessary.

BUILT TO LAST

Cartridge Bearing Assembly • Centrifugal lubrication system — filled at the factory • Extra heavy journal bearings and thrust bearings — separately lubricated • Lip type oil seals to prevent leakage • Alloy steel shaft • Cupro-Nickel shaft sleeve.

Mechanical Seal • Two-piece carbon/ni-resist seal is standard • Carbon/ceramic standard on bronze models • Carbon/tungsten carbide available for high temperature applications.

Body & Flanges • Available in cast iron or bronze • In-Line configuration • Companion flanges provided in 2½" or 3".

Impeller • Dynamically and hydraulically balanced • Enclosed type — cast iron or bronze.

Drive Coupling • Rugged, flexible rubber construction ... absorbs angular and parallel misalignment.

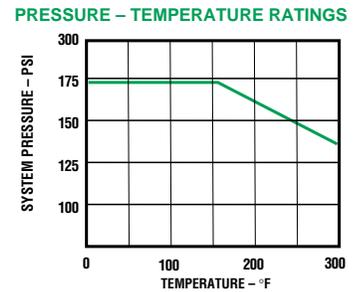
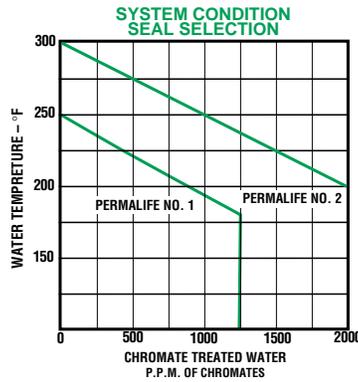
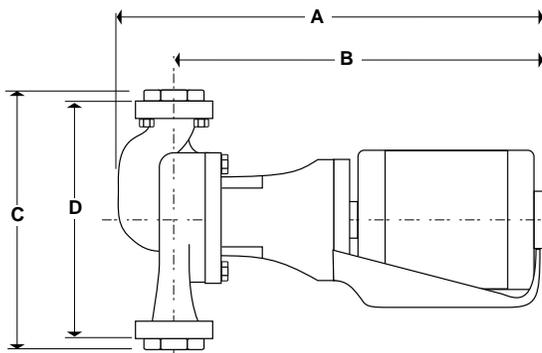
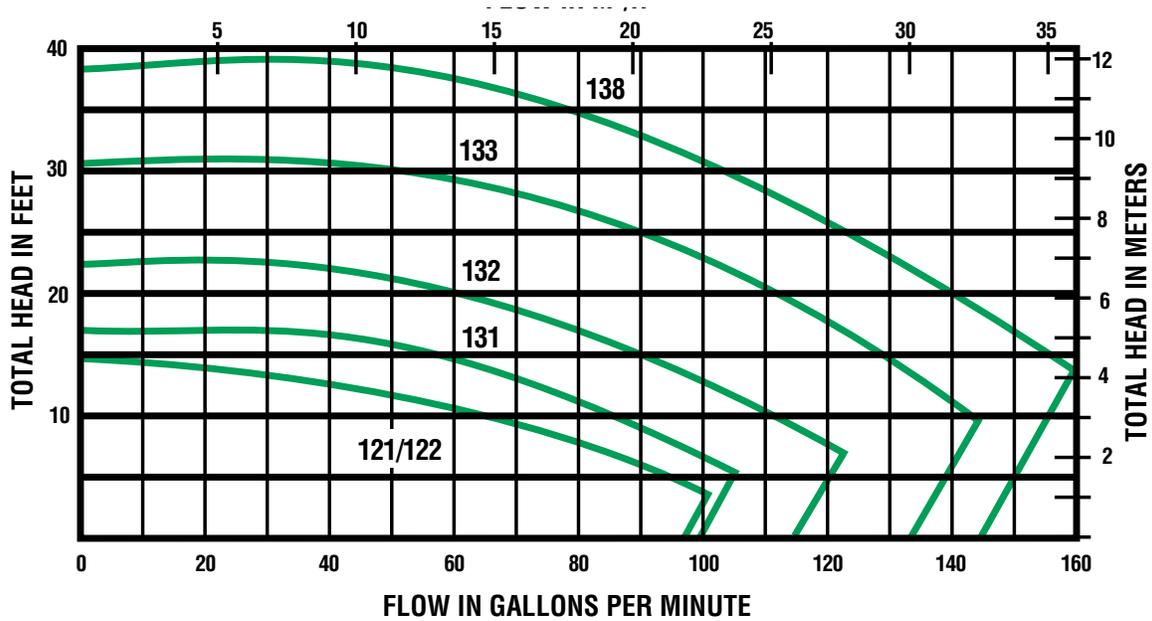
Rugged Motor • Available in single and three phase, and all standard voltages ... open-drip proof enclosure • Equipped with sleeve bearings for quiet operation • Resilient mounted • Built-in overload protector on single phase models.

Factory Tested • Every pump is operated before shipment.

Easy, Low-Cost Service • No special tools required • One Cartridge bearing assembly fits all models — replace cartridge only ... not bracket • One mechanical seal fits all models.

Series 121 – 138

SPECIFICATIONS and DIMENSIONS



Product Number ¹	Flange Size	Motor ²		Dimensions								Approx. Ship. Wt.	
		60C/AC 1 PH	RPM	A		B		C		D		LBS	KG
				IN.	MM	IN.	MM	IN.	MM	IN.	MM		
121	2½"	¼ HP, 115V	1725	18⅞	460.4	15⅞	403.2	14¼	362	11⅞	282.6	72	32.7
122	3"	¼ HP, 115V	1725	18⅞	460.4	15⅞	403.2	13⅝	346.1	11⅞	282.6	72	32.7
131	3"	⅓ HP, 115V	1725	19¼	489	15¾	400.1	16	406.4	13⅝	346.1	95	43.1
132	3"	¾ HP, 115/230V or 230/460/60/3 or 200/60/3	1725	21½	546.1	18	457.2	16	406.4	13⅝	346.1	108	49.0
133	3"	¾ HP, 115/230V	1725	22⅞	562	18⅞	473.1	16	406.4	13⅝	346.1	113	51.3

- When specifying all bronze construction add letter "B" after product number, ie: 110B. When specifying bronze fitted construction, add letter "C" after product number, ie: 132C.
- Motors are available with other electrical characteristics — consult your Taco representative.