

# TACO Circulator Reference Guide

Contact: Heat Transfer Sales of the Carolinas, Inc.  
 Phone: (336) 294-3838 or call your local HTS Representative  
 www.heattransfersales.com



## TACO "Pro-Fit" series replacement parts

High quality EXACT replacement parts for B & G and Armstrong pumps.  
 "Above and beyond the industry standard!"

### TACO 00 Series Wet Rotor Circulators



All TACO 00 circulators are field serviceable with a **replaceable bearing cartridge**. No need to just throwaway the pump!

- Compact, Space Saving Design
- Replaceable Cartridge with 3-year warranty
- Water Lubricated
- No Mechanical Seals
- High Velocity & High Capacity Models
- Direct Drive, Low Power Consumption
- Universal Flange to Flange Dimension
- Available in cast iron or bronze



TACO 00 IFC circulators include a replaceable, **integral flow check (IFC)** valve. The IFC saves labor by eliminating the installation of a check valve and improves pump performance with low pressure loss through the IFC.



TACO **Plumb 'n Plug** circulators are standard with a built-in **timer** and **line cord** providing easy electrical hookup and hot water instantly.



- ◆ Bearing assemblies & cartridge kits
- ◆ Impellers
- ◆ Motor couplers
- ◆ Motors (**Permanently lubricated**)
- ◆ Mechanical seal kits
- ◆ Resilient Motor Mounts
- ◆ Body Gaskets

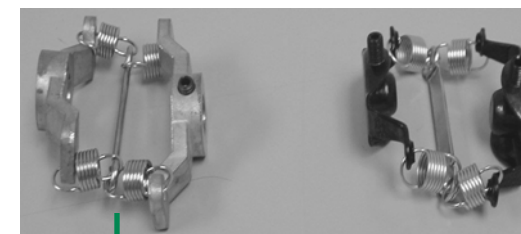
TACO Pro-Fit Motors are **permanently lubricated**

B & G and Armstrong motors are **oil** lubricated



B & G and Armstrong couplers are stamped sheet metal

TACO Pro-Fit couplers are cast with reinforced eyelets



### TACO Pro-Fit RPK "Pump Less Volute"

The same great TACO Pro-Fit quality parts with a substantial labor savings



## TACO 00 Series Circulator Cross-Reference Guide

Exact Flange to Flange Replacement For:

TACO		Bell & Gossett	Grundfos	Armstrong
003	Flow Range: 0 - 6 GPM Head Range: 0 - 5 Feet Available in sweat, NPT, and union		UM 15-10	Astro 20
005	Flow Range: 0 - 18 GPM Head Range: 0 - 9.5 Feet Flange-to-Flange: 6 3/8"	Series 100		
006	Flow Range: 0 - 10 GPM Head Range: 0 - 9 Feet Available sweat, NPT, flanged, union Flange-to-flange: 6 3/8" (Cast Iron)	NBF-8S (Sweat) NBF-9U (Union)  NRF-9F	UP 15-18	Astro 25
007	Flow Range: 0 - 20 GPM Head Range: 0 - 11 Feet Flange-to-Flange: 6 3/8"	Series 100 NBF-22 & NRF-22  NBF-12 LR-20BF	UP 15-42	Astro 30 S-25
008	Flow Range: 0 - 14 GPM Head Range: 0 - 16 Feet Flange-to-Flange: 6 3/8" Available sweat or flanged connections	Series 100 NBF-22 NBF-10S (Sweat) NBF-18S (Sweat)	UP 15-42	Astro 30
009	Flow Range: 0 - 8 GPM Head Range: 0 - 34 Feet Flange-to-Flange: 6 3/8"			Astro 70
0010	Flow Range: 0 - 30 GPM Head Range: 0 - 11.5 Feet Flange-to-Flange: 6 3/8"	Series 100 NBF- 33 & NRF-33 LR-15B		
0011	Flow Range: 0 - 28 GPM Head Range: 0 - 30 Feet Flange-to-Flange: 6 1/2"		UP 26-96 UP26-120	
0012	Flow Range: 0 - 50 GPM Head Range: 0 - 14.5 Feet Flange-to-Flange: 8 1/2"	HV 2"	UP 43-75	S34 S35 H32
0013	Flow Range: 0 - 33 GPM Head Range: 0 - 33 Feet Flange-to-Flange: 6 1/2"		UP 26-99 UP 26-116	
0014	Flow Range: 0 - 32 GPM Head Range: 0 - 22 Feet Flange-to-Flange: 6 1/2"		UP 25-64 UP 26-64	Astro 50

### Typical Applications using TACO 00 series pumps

- Residential domestic water recirculation - 003, 005, 007, 008, 009 (high head)
- Light commercial domestic water recirculation - 0010, 0011 (high head), 0012, 0013 (high head)
- Radiant in floor/panel heating - 007, 008, 009, 0010, 0011, 0013
- Zone Pumps - 005, 007, 008, 009, 0010, 0011, 0012, 0013, 0014
- Water source heat pump systems - 005, 006, 007, 008
- Residential boiler pumps - 007, 008
- Light commercial boiler pumps - 0012, 0014
- Commercial water heaters - 0012, 0013, 0014

## TACO 1400 Series High Capacity Circulators



- Compact, space saving design
- 3-year warranty
- Permanently lubricated sealed bearings
- Dual pressure taps, suction/discharge
- Anti-condensate design for chilled water
- Universal flange-to-flange dimensions
- Superior efficiency & high starting torque
- Available in cast iron or bronze body

Exact Flange to Flange Replacement For:

TACO		Bell & Gossett	Armstrong	Grundfos
1400-10	Flow Range: 0 - 30 GPM Head Range: 0 - 25 Feet Flange-to-Flange: 6 3/8"	PL-30	E7	
1400-20	Flow Range: 0 - 42 GPM Head Range: 0 - 34 Feet Flange-to-Flange: 6 3/8"	PL-36	E8	UP26-116
1400-30	Flow Range: 0 - 57 GPM Head Range: 0 - 29 Feet Flange-to-Flange: 8 1/2"	PL-45	E10 E11	
1400-40	Flow Range: 0 - 53 GPM Head Range: 0 - 22 Feet Flange-to-Flange: 8 1/2"	PL-50	E13	
1400-50	Flow Range: 0 - 55 GPM Head Range: 0 - 51 Feet Flange-to-Flange: 6 3/8"	PL-55	E12	
1400-60	Flow Range: 0 - 70 GPM Head Range: 0 - 15 Feet Flange-to-Flange: 8 1/2"	PL-75 2"	E16	
1400-70	Flow Range: 0 - 150 GPM Head Range: 0 - 22 Feet Flange-to-Flange: 8 1/2"	PL-130	E30 E33	

### TACO 1400 pumps - Medium to high flow/head systems

- Commercial domestic water recirculation
- Hydronic heating
- Primary/secondary loops
- Radiant in floor/panel heating
- Boiler Pumps
- Fan coil units
- Chilled water cooling
- Outdoor wood boilers
- Geothermal heat pumps
- Snow melt systems