



CONDENSED CATALOG

Plumbing Components



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SmartPlug Instant Hot Water Control® — SP115-1

The patented SmartPlug® lets you upgrade any hot water recirculation pump with a power cord to "Smart" operation. Simply connect the SmartPlug® to any 110V power outlet then plug the circulator power cord into the SmartPlug®. Using a sensor that mounts to the hot water supply pipe, the SmartPlug® will record the daily hot water usage pattern in a home and adjust the circulator run time automatically. Hot water will always be available when needed.

No Programming, Timers or Aquastats Required • Sensor Included

Options / Features

"Smart" Mode: When set to "Smart" mode, the SmartPlug® monitors and records the home's hot water usage pattern over a 7 day period. The SmartPlug® will use the preceding week's usage pattern to automatically cycle the circulator ON, so hot water is always available when it's needed. The recording and repeating process is continuous, week after week.

"Pulse" Mode: When set to "Pulse" mode, the SmartPlug® will continuously cycle the circulator ON for 5 minutes, then OFF for 10 minutes to maintain hot water at all fixtures.

Vacation Mode: After 36 hours of no hot water usage, the SmartPlug® will automatically turn the circulator OFF and remain off until hot water usage is detected.

Exercise Function: While in vacation mode the SmartPlug® will cycle the circulator for 10 seconds every 7 days to prevent any corrosion or scale build up.



LED Indicator lights:

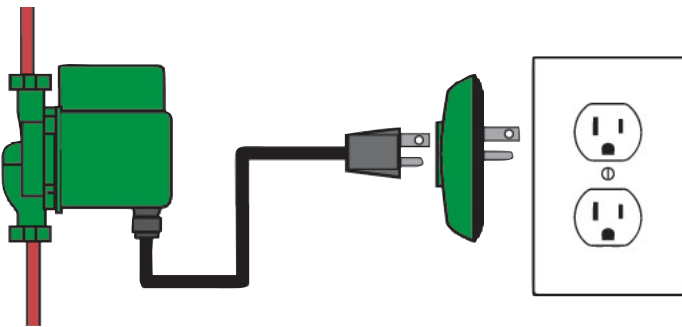
Green: Power

Yellow: Mode Setting

Red: Error code diagnostics



 **FOR INDOOR USE ONLY**



**For use with any Taco domestic water
00® circulator with a 110 Volt Line Cord.
Circulator sold separately.**

Benefits

- **Easy to install:** Upgrades any recirculation pump to "Smart" operation.
- **Water conservation:** The average residence can save up to 12,000 gallons* of water per year by eliminating the wait for hot water to arrive at fixtures and taps.
- **Comfort and convenience:** Hot water is available in seconds. No timers or programming required.
- **Efficiency:** "Smart" setting maximizes hot water comfort and energy savings.
- **Reliability:** The SmartPlug®, when combined with a Taco domestic hot water circulator, provides whisper quiet operation and industry leading electronics for proven performance and dependability.

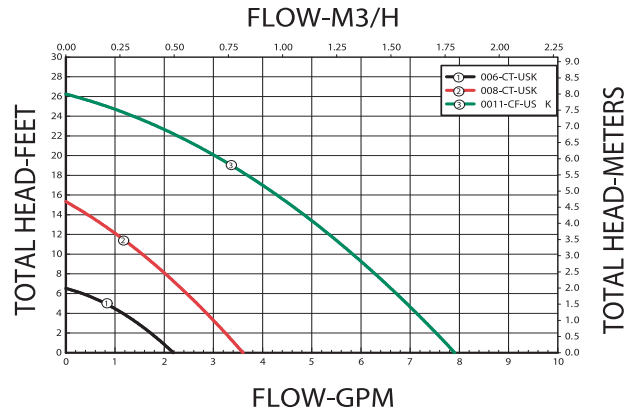
***Source: Department of Energy study**

Taco Genie™ - Hot Water Recirculation

Hot water without the waste! Activate TacoGenie™ only when you need it. It's easy to install- no new piping required. The TacoGenie™ Recirculator operates 24 hours a day, saving water, energy and money. TacoGenie™ only runs when you tell it to, and it's smart enough to know when the water currently in the line is hot enough. TacoGenie™ can be activated with the push of a button, or with an optional wireless remote transmitter/receiver or optional hard-wired motion sensor.



Performance Field Information - 60 Hz



TacoGenie™ Water Recirculation System				
Product Number	Connection Sizes	Motor		
		Voltage	RPM	HP
006-CT	1/2" Male NPT	115/60/1	3250	1/40
006-CT-USK	1/2" Male NPT, With Plumbing Kit	115/60/1	3250	1/40
008-CT	1/2" Male NPT	115/60/1	3250	1/25
008-CT-USK	1/2" Male NPT, With Plumbing Kit	115/60/1	3250	1/25
0011-CF	3/4" Shut-Off Flange	115/60/1	3250	1/8
0011-CF-USK	3/4" Shut-Off Flange, With Plumbing Kit	115/60/1	3250	1/8

TacoGenie™ — Accessories		
Product Number	Description	What It Does
554-7	Remote Transmitter	To Start System With Wireless Remote Control
554-8	Individual Remote Transmitter	For Wireless Remote Control At Multiple Locations
554-3	Individual Starter Button	For Hard-Wired Starter Control At Multiple Locations
554-4	Motion Sensor Starter Kit	For Automatic Motion Detection Start

SIZING CHART		
Product Number	008-CT-USK	0011-CF-USK
Standard Plumbing And Distance Between Tankless Water Heater And Fixture Where TacoGenie™ Is Installed	Under 60 Ft.	Over 60 Ft.
Re-Circulation Plumbing And Square Footage Of House	Under 2,500 Sq. Ft.	Over 2,500 Sq. Ft.

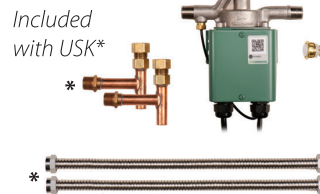
C = TacoGenie™ **F** = Flanged
T = Threaded **USK** = Under Sink Kit



RF Wireless Starter Kit (554-7)



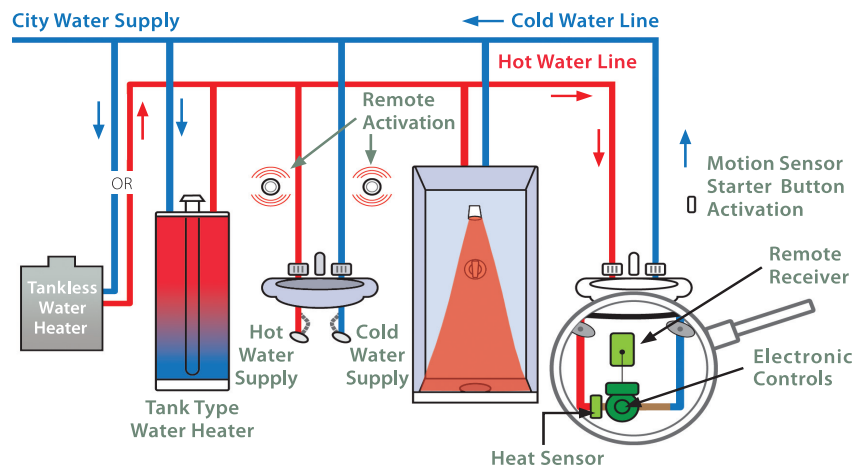
Motion Sensor (554-4)



Standard with USK* (Under Sink Kit) option



Available in 006, 008 and 0011 circulators



For Standard Piping (Non-Recirc).

Hot-LinkPlus™ and Hot-Link® Systems

Taco Hot-LinkPlus™ reduces the time it takes for hot water comfort to reach showers and faucets. The Hot-LinkPlus™ features a smart circulator that learns household hot water usage patterns and makes hot water available at the same times the following week. If water usage changes the Hot-LinkPlus™ circulator adapts for you. It never needs programming! The average family can save up to 12,000 gallons of water per year and it's easy to retrofit to an existing plumbing system. Designed for plumbing systems that do not have a dedicated return line.

Features

- Exclusive clean in place under sink valve design
 - Extends valve life
 - Reduces customer calls to replace "plugged" valves
- Creates a domestic hot water recirculation system without dedicated return loop piping
- Easy to retrofit to existing plumbing system (No recirculation line is necessary)
- HLS-1 analog pump timer allows you to set the system to work during peak hours or to work continuously
- HLP-2 is fully automatic and never needs programming.

Hot-Link® and Hot-LinkPlus™

The smart way to instant **hot water** using existing plumbing system!

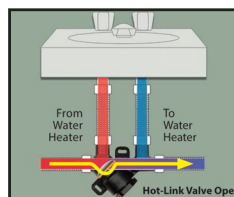
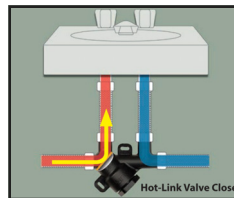
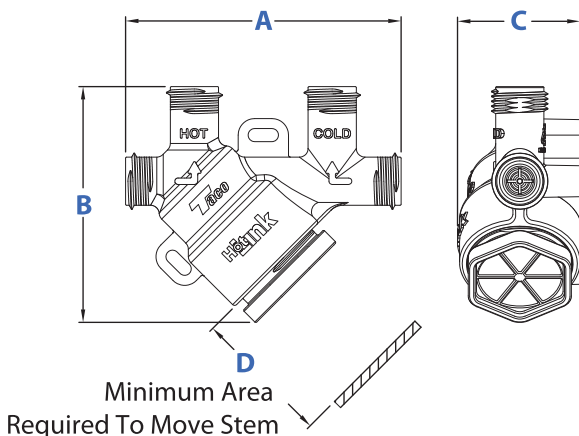


Domestic Hot Water Recirculation System

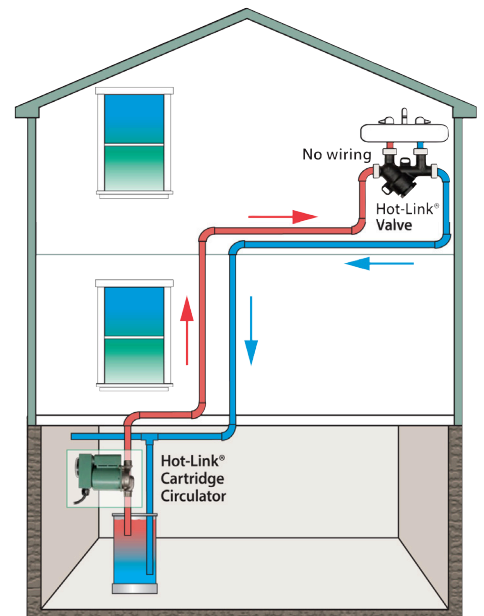
Model #	Description
HLP-2	Hot-LinkPlus™, Smart Control (Includes Circulator, Valve, 2 Flex Hoses and 2 Half Unions with Tail Pieces)
HLS-1	Hot-Link® System. (Includes Circulator, Valve, Hoses, 3/4" Bronze Union)
HLV-1	Hot-Link® Valve
HK-1	Hot-Link® Hose Kit

Hot-Link® Valve Dimensions

Connection	A	B	C	D
1/2" MNPT	in.	in.	in.	in.
	4	4-7/16	1-3/4	2-1/2



* No under-sink electricity is needed. The Hot-Link Pump is mounted at the water heater.



SmartPlus Circulation Pumps

The Taco SmartPlus® circulator is designed to deliver instant hot water comfort and convenience while conserving water and energy. By recirculating "cooled" hot water back to the water heater, the wait for hot water is decreased to seconds. The SmartPlus® is designed for use with dedicated return line systems.

The SmartPlus® recirculation pumps can work in one of two modes. The "Smart" mode learns the home's hot water usage over a 7 day period and uses this pattern to cycle the pump. Pulse mode runs the circulator 150 seconds every 60 minutes to maintain hot water.

SmartPlus

HOT WATER RECIRCULATION



Features and Benefits

- **Vacation Function** — After 36 hours of inactivity, the pump will automatically TURN OFF and remain off until hot water usage is detected again.
- **Exercise Function** — While in vacation mode the pump will cycle on once every 7 days and run for 10 seconds to prevent any corrosion or scale buildup.
- **Factory installed 6' line cord**
- **Remote Sensor Included**
- **Quiet, Efficient Operation**
- **Unique Replaceable Cartridge Design-Field Serviceable**
- **Self-Lubricating / No Mechanical Seal**
- **Unmatched Reliability-Maintenance Free**
- **Water Conservation** — The average residence can save up to 12,000 gallons of water per year.
- **Comfort and Convenience** — Once the pump is set to the desired operating mode it never needs to be set again. Hot water is always available in seconds.
- **Efficiency** — Smart/Pulse operation maximizes hot water comfort and energy savings
- **Reliability** — The SmartPlus® provides quiet operation and industry leading electronics with Taco's 00® circulator proven performance and dependability.

The smart way to instant **hot** water comfort and resource conservation



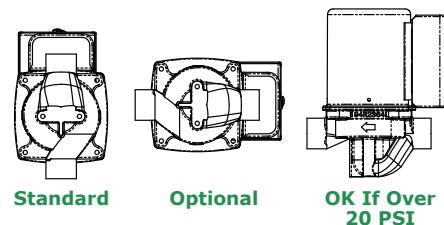
Model # Connection

Model #	Connection
006-IQB4	3/4" Sweat
006-IQBC4	1/2" Sweat
003-IQBC4-IFC	3/4" Sweat
003-IQBC4-1IFC	1/2" Sweat
006-IQBC7-IFC	3/4" Sweat
006-IQBC7-1IFC	1/2" Sweat
006-IQST4	3/4" NPT
008-IQSF6	Flanged
008-IQSF6-IFC	Flanged

Model Nomenclature

IQ: SmartPlus
B: Bronze
BC: Bronze, Panel Mount Tap
ST: Stainless Steel, 3/4" FNPT
SF: Stainless Steel, Flanged
IFC: Integral Flow Check

Mounting Positions



Pump Selection Charts Below

The following information is provided as a guide only. Select the circulator based on the supply and return pipe size, pipe line length, and circulator model. Do not oversize the pump or high velocity noise and erosion corrosion of the system piping may result.

1/2" Supply and Return Lines

Model Number	Supply Pipe Maximum Length (Ft.)	Total Maximum Pipe Length (Ft.)
006	100	250
008	250	450

3/4" Supply and Return Lines

Model Number	Supply Pipe Maximum Length (Ft.)	Total Maximum Pipe Length (Ft.)
006	150	300
008	300	600

Plumb n' Plug Circulators

The Plumb n' Plug® Cartridge Circulators are designed to conserve water, increase comfort and reduce the delivery time of hot water to outlet fixtures by periodically re-circulating hot water through the system. An average residence can save up to 25 gallons of wasted water per day. Factory pre-wired 6 foot line cord with optional 24 hour analog or 7 day digital programmable clock timers allow for easy installation. Simply Plumb it in, then Plug it in.

Features and Benefits

Analog Timer

- Factory installed 6' line cord and 24 hour/15 minute interval analog timer
- Optional 95°F –115°F aquastat available
- Quiet, efficient operation
- Unique replaceable cartridge design-field serviceable
- Unmatched reliability-maintenance free

Digital Timer

- Digital timer, 7 day programmable LCD display
- Easy-to-Use program buttons
- On/Off intervals as short as 1 minute
- 2,500 hour capacitor backup, saves settings



Model Nomenclature

BC: Bronze, 1/2" Sweat
B: Bronze, 3/4" Sweat
ST: Stainless Steel, 3/4" FNPT
SC: Stainless Steel, Union Connection
PNP: Plumb n' Plug
SF: Stainless Steel, Flanged

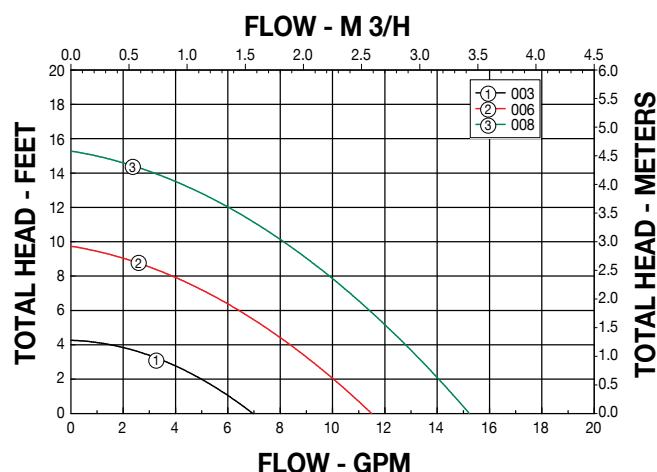


Available In Stainless Steel Or Bronze

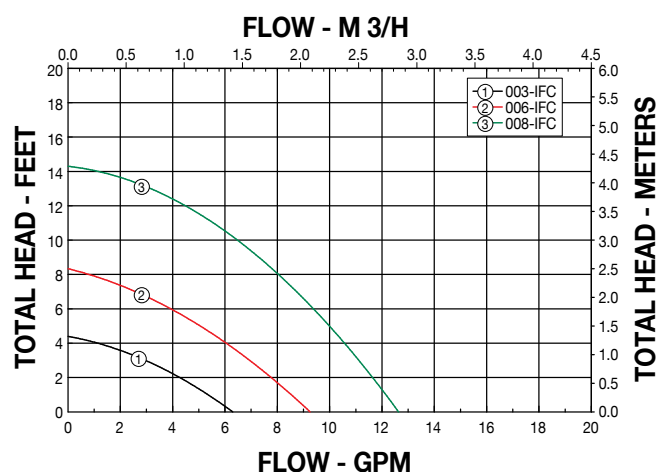
ANALOG TIMER		DIGITAL TIMER		ANALOG TIMER		DIGITAL TIMER		ELECTRICAL DATA	
Model #	Connection	Model #	Connection	With Integral Flow Check (IFC)™				HP	Voltage
003-BC4-PNP	1/2" Sweat	003-BC4-8PNP	1/2" Sweat	Model #	Connection	Model #	Connection	1/40	115/60/1
003-B4-PNP	3/4" Sweat	003-B4-2PNP	3/4" Sweat	003-BC4-3PNP	1/2" Sweat	003-BC4-11PNP	1/2" Sweat	1/40	115/60/1
003-ST4-PNP	3/4" FNPT	003-ST4-2PNP	3/4" FNPT	003-BC4-2PNP	3/4" Sweat	003-BC4-10PNP	3/4" Sweat	1/40	115/60/1
003-SC4-1PNP	Union	003-SC4-3PNP	Union	005-SF2-1PNP	SS Flanged	006-BC7-SPNP	1/2" Sweat	1/40	115/60/1
005-SF2-PNP	SS Flanged	006-BC4-4PNP	1/2" Sweat	006-BC7-1PNP	1/2" Sweat	006-BC7-4PNP	3/4" Sweat	1/40	115/60/1
006-BC4-PNP	1/2" Sweat	006-B4-2PNP	3/4" Sweat	006-BC7-PNP	3/4" Sweat	----	----	1/40	115/60/1
006-B4-PNP	3/4" Sweat	006-ST4-2PNP	3/4" FNPT	----	----	----	----	1/40	115/60/1
006-ST4-PNP	3/4" FNPT	006-SC4-3PNP	Union	----	----	----	----	1/40	115/60/1
006-SC4-1PNP	Union	----	----	----	----	----	----	1/40	115/60/1

Performance Field Information (60-Hz)

(STD) Models



(IFC) Models



3-Speed, 00®-Series Circulators: Stainless Steel

Taco's 3-Speed Circulators deliver the highest starting torque in their class. They include a removable unibody Integral Flow Check (IFC®) that prevents gravity flow, reduces installation cost and improves pump performance. The stainless steel versions should be used on open, fresh water systems.

The 0015 IFC, 3-Speed Radiant Pump is specifically designed for the flow and head requirements of today's domestic hot water systems.

The 0013 IFC, 3-Speed Pump is specifically designed for a wide range of high flow/high head requirements. Its 3-Speed switching capability provides fine tuning control to meet system design conditions.

The 0012 IFC, 3-Speed Pump is designed for high flow/low head applications, it's ideal for large BTU boilers, primary boiler loops and large recirculation systems.

More power to you.

Pump Models		
Model #	Type	Flange
0015-MSSF3-IFC	SS	S
0015-MSSF3-1IFC	SS	R
0012-MSSF1-IFC	SS	S
0013-MSSF1-IFC	SS	R

Features

- 3-speed switch
- Fine tune to system requirements
- Highest performance & starting torque in class
- Heavy duty construction for longer life
- Removable high-flow Integral Flow Check (IFC®)
 - Prevents gravity flow
 - Reduces installation costs
 - Improves pump performance
- Replaceable cartridge design
- Quiet, efficient operation
- Self lubricating, no mechanical seal
- Wide range of applications
- Stainless Steel, flanged construction
- Connection Sizes: 3/4", 1", 1-1/4" and 1-1/2"

Models
0012 & 0013



Model
0015



"00" Series, Cartridge Circulators: Stainless Steel And Bronze

Every Taco "00"® cartridge circulator is designed to make the job easier. With no mechanical seal, the self-lubricating design provides unmatched reliability. **Every "00"® features a field-replaceable cartridge** that contains all the moving parts. Replacing the cartridge rebuilds the circulator! Our IFC® Cartridge Circulators feature an Integral Flow Check, eliminating additional installation costs associated with separate in-line flow checks.



007-SF5 (Stainless Steel)



Features

- Standard high capacity output-compact design
- Quiet, efficient operation
- Direct drive-low power consumption
- Unique replaceable cartridge design-field serviceable
- Self-lubricating
- No mechanical seal
- Unmatched reliability-maintenance free
- Universal flange-to-flange dimension
- Integral Flow Check (IFC)™ (optional)
- Most available in 230 volt
- Connection Sizes: 3/4", 1", 1-1/4" and 1-1/2"



Low Lead
Compliant



00-Series Stainless Steel Circulators (Models and Applications)#

Stainless Steel or Bronze	Connection	Stainless Steel or Bronze	Connection
003-BC4	1/2" Sweat	007-SF5	Flanged-Standard
003-B4	3/4" Sweat	008-SF6	Flanged-Standard
003-ST4	3/4" NPT	008-SF6-2	Flanged-Rotated
003-SC4-1	Union	009-SF5	Flanged-Rotated
005-SF2	Flanged-Standard	0010-SF3	Flanged-Standard
006-BC4	1/2" Sweat	0011-SF4	Flanged-Rotated
006-B4	3/4" Sweat	0012-SF4	Flanged-Standard
006-ST4	3/4" NPT	0012-SF4-1	2" Flanged-Standard
006-BS4-1	Union	0013-SF3	Flanged-Rotated
008-BC6	3/4" NPT	0014-SF1	Flanged-Rotated

2400 Stainless Steel Series, High Capacity Circulators

The enhanced 2400 Series High Capacity Circulators include a new 3 piece rotating mechanical seal (carbon/silicon-carbide) configuration and a pressure-balanced impeller. Typical applications include hydronic heating, in-floor radiant, snow melt, high pressure drop boilers, outdoor wood boilers, chilled water cooling, geothermal heat pumps, primary / secondary loops and hydro air fan coils. The Stainless Steel 2400 Series should be used for open, domestic water recirculation systems.

Features

- Compact, space saving design
- Powerful close-coupled, maintenance free motor
- Superior efficiency, high starting torque
- Permanently lubricated, sealed for life bearings
- Rugged 1/2" Stainless Steel Shaft
- Carbon/Silicon-Carbide mechanical seal for long life
- Universal flange to flange dimensions — Ideal for retrofits
- Anti-Condensate design for chilled water
- Dual electrical knock-outs
- Dual pressure taps, suction / discharge

Models and Electrical Data

Stainless Steel	Hz	Ph	115V Amps	230V Amps	RPM	HP
2400-10S-3P	60	1	1.4	.54	3450	1/10
2400-20S-3P	60	1	1.9	1.0	3450	1/6
2400-30S-3P	60	1	1.9	1.0	3450	1/6
2400-40S-3P	60	1	1.9	1.0	3450	1/6
2400-45S-3P	60	1	3.6	1.7	3450	1/3
2400-50S-3P	60	1	4.9	2.4	3450	1/2
2400-50S/2-3P	60	1	4.9	2.4	3450	1/2
2400-60S-3P	60	1	1.9	1.0	3450	1/6
2400-65S-3P	60	1	3.6	1.7	3450	1/3
2400-70S-3P	60	1	4.9	2.4	3450	1/2
2400-70S/3-3P	60	1	4.9	2.4	3450	1/2
Motor Type	Open Drip Proof, Permanent Split Capacitor, Thermally Protected					



Stainless Steel Models Only



Model Nomenclature

S: Stainless Steel, Flanged, NSF372
Y: 230V / 60 / 1 Motor

Performance Data

Maximum Flow: 90 GPM
Maximum Head: 46 Feet
Minimum Fluid Temp: 40°F (4°C)
Maximum Fluid Temp: 225°F (107°C)
Maximum Working Pressure: 150 psi

Noryl® is a registered trademark of General Electric Co.
For Indoor Use Only

Companion Flange Sets (Some flanges shown here are low lead.)

Models	Connection	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"
2400-10S 2400-20S 2400-45S 2400-50S	S. Steel NPT	110-251SF	110-252SF	110-253SF	110-254SF	----	----	----
	Bronze SWT	110-523BSF	110-524BSF	110-525BSF	110-526BSF	----	----	----
	Shut-off NPT	SF-075T	SF-100T	SF-125T	SF-150T	----	----	----
	Shut-off SWT	SF-075S	SF-100S	SF-125S	SF-150S	----	----	----
2400-50S/2 2", 2 bolt	S. Steel NPT	----	----	----	----	194-2124SF	----	----
2400-30S 2400-40S	S. Steel NPT	----	----	194-1540SF	194-1542SF	----	----	----
	Shut-off NPT	----	----	SF-125T-0012	SF-150T-0012	----	----	----
	Shut-off SWT	----	----	SF-125S-0012	SF-150S-0012	----	----	----
2400-60S 2400-65S 2400-70S	Bronze NPT	----	----	----	----	185-086S	----	----
2400-70S/3 3", 4 bolt	Bronze NTP	----	----	----	----	----	185-112B	185-113B

Freedom Flanges

The Taco freedom FLANGE® fits 00®, 110 Series, 2400 Series and all small 00e™ ECM high-efficiency circulators. Be free from scraped knuckles and jury-rigged tools of yesteryear! Their Easy-On / Easy-Off and sweat designs make quick work of pump installation and maintenance. Available in Cast Iron, Stainless Steel or Bronze.



**Cast Iron
Freedom Flange®**

US Patent # 6, 742, 816



**Stainless Steel
Freedom Flange®**



**Bronze
Freedom Flange®**



**Shut-off Swivel
Freedom Flange®**

freedom **FLANGE®**

Size	# of Bolts	Standard or High Velocity	Bronze NPT	Bronze SWT	Stainless NPT	SWT Isolation Flange	NPT Isolation Flange	Pumps Covered
1/2"	2	Standard	----	110-522BSFL	----	SF-050S	SF-050T	005,007-0011,0013-0015,110-113,2400-10,20,45,50
3/4"	2	Standard	----	110-523BSFL	110-251SF	SFL-075S	SFL-075T	005,007-0011,0013-0015,110-113,2400-10,20,45,50
1"	2	Standard	----	110-524BSFL	110-252SF	SFL-100S	SFL-100T	005,007-0011,0013-0015,110-113,2400-10,20,45,50
1-1/4"	2	Standard	----	110-525BSFL	110-253SF	SFL-125S	SF-125T	005,007-0011,0013-0015,110-113,2400-10,20,45,50
1-1/4"	2	HV	----		194-1540SF	SFL-125S-0012	SF-125T-0012	2400-30,40
1-1/2"	2	Standard	----	110-526BSFL	110-254SF	SF-150S	SF-150T	005,007-0011,0013-0015,110-113,2400-10,20,45,50
1-1/2"	2	HV	----	----	194-1542SF	SF-150S	SF-150T	0012,2400-30,40
2"	2	HV	----	----	----	SF-150S-0012	SF-150T-0012	0012,2400-30,40
2"	4	HV	185-086S	----	----	----	----	2400-60,65,70
2 1/2"	4	HV	185-112S	----	----	----	----	2400-70/3
3"	4	HV	185-113S	----	----	----	----	2400-70/3

PLEASE NOTE: Not all flanges are low lead compliant.

5000 Series Mixing Valve

Control hot water temperatures to your domestic system with mixing valves available for point of use (ASSE1017) and point of distribution (ASSE1070) installations. The expanded line up of 5000 and 5120 series is the ultimate performer for increasing domestic hot water availability and safety. **Additional versions and sizes also available!**



5000 Lead-Free Series



5120 Lead-Free High Flow Series



5120 Lead-Free Low Flow Series



**5123-WH-N Series
(Direct Mount)**



Certified to
NSF/ANSI 61-G



All union models are available with a stainless steel temperature gauge as shown here.

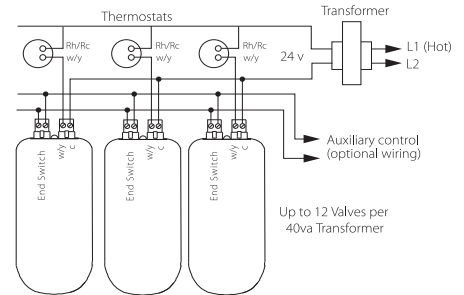
Thermostatic Mixing Valves		
Model #	Description	Cv
MIXING VALVES (ASSE 1017) Adjustment 85-176F – All Union Valves Include Built-In Check Valves		
5003-H3	Thermostatic Mixing / Tempering Valve, 3/4" Press Union	2.3
5004-H3	Thermostatic Mixing / Tempering Valve, 1" Press Union	2.3
5002-C3	Thermostatic Mixing / Tempering Valve, 1/2" Union Sweat	2.3
5003-C3	Thermostatic Mixing / Tempering Valve, 3/4" Union Sweat	2.3
5004-C3	Thermostatic Mixing / Tempering Valve, 1" Union Sweat	2.3
5002-002RP	Gasket Set (3) for 5000 Mixing Valves	—
5003-C3-G	Thermostatic Mixing / Tempering Valve, 3/4" Union Sweat w/Temp Gauge	2.3
5004-C3-G	Thermostatic Mixing / Tempering Valve, 1" Union Sweat w/Temp Gauge	2.3
MIXING VALVES Heating Only (Dual ASSE 1070 and ASSE 1017) Adjustment 85-120F – All Union Valves Include Built-In Check Valves		
5122-C2	Thermostatic Mixing / Tempering Valve, 1/2" Union Sweat	2.12
5123-C2	Thermostatic Mixing / Tempering Valve, 3/4" Union Sweat	1.63
5124-C2	Thermostatic Mixing / Tempering Valve, 1" Union Sweat	1.37
5123-C2-G	Thermostatic Mixing / Tempering Valve, 3/4" Union Sweat w/Temp Gauge	1.63
5124-C2-G	Thermostatic Mixing / Tempering Valve, 1" Union Sweat w/Temp Gauge	1.37
MIXING VALVES Heating Only (No ASSE) Adjustment 85-176F – All Union Valves Include Built-In Check Valves		
5002-HX-C3	Thermostatic Mixing / Tempering Valve, 1/2" Union Sweat	2.3
5003-HX-C3	Thermostatic Mixing / Tempering Valve, 3/4" Union Sweat	2.3
5004-HX-C3	Thermostatic Mixing / Tempering Valve, 1" Union Sweat	2.3
5003-HX-C3-G	Thermostatic Mixing / Tempering Valve, 3/4" Union Sweat w/Temp Gauge	2.3
5004-HX-C3-G	Thermostatic Mixing / Tempering Valve, 1" Union Sweat w/Temp Gauge	2.3
MIXING VALVES High Flow (ASSE 1017) Adjustment 85-176F – Includes Built-In Check Valves		
5124-HF-C1	Thermostatic Mixing / Tempering Valve, 1" Union Sweat, High Flow	4.1
5125-HF-C1	Thermostatic Mixing / Tempering Valve, 1-1/4" Union Sweat, High Flow	4.1
MIXING VALVES DIRECT MOUNT (ASSE 1070 & 1017) Adjustment 90-130F – Includes Built-In Check Valves and Recirc Connections		
5123-WH-N3	Direct Mount Thermostatic Mixing / Tempering Valve, 3/4" NPT x 3/4" NPT x 3/4" NPSH	1.2
5120G-1	Outlet Adapter, Union and Temperature Gauge	

Potable Water Zone Sentry® Zone Valve

The Taco Potable Water Zone Sentry® Valve is available in a 2-way sweat configuration with either a normally open or normally closed actuator. Some typical installations would include a combination domestic water and hydronic heating system, culinary installation or water shut off to a potable system.



Typical Potable Water Zone Sentry® Zone Valve



Available Zone Valve Sizes

Model #	Description	CV	Size
V050C2DZA024AQ4A1	Potable Zone Valve / 2-Way (Closed)	4.9	1/2" Sweat
V075C2DZA024AQ4A1	Potable Zone Valve / 2-Way (Closed)	10.3	3/4" Sweat
V050C2DZB024AQ4A1	Potable Zone Valve / 2-Way (Open)	4.9	1/2" Sweat
V075C2DZB024AQ4A1	Potable Zone Valve / 2-Way (Open)	10.3	3/4" Sweat

FloodBreaker™ Whole House Water Shut-Off

FloodBreaker™ is a whole house adjustable leak detection system that monitors several aspects of water usage. It shuts off the water supply once any of the monitored settings are reached. Use FloodBreaker™ to protect homes from water damage, eliminate waste and protect unoccupied or vacation properties. #



Features

- Programmable leak detection settings
- Programmable vacation mode leak settings
- Audible alarm
- Floor sensor
- Output / Input contact
- Operates on batteries and 9V DC power supply
- Protection from property damage
- Push button reset
- Mounts in horizontal or vertical pipe

FloodBreaker™ Models

Model #	Description
FB075-1	FloodBreaker™, 3/4" Union NPT
FB100-1	FloodBreaker™, 1" Union NPT
FB125-1	FloodBreaker™, 1-1/4" Union NPT

Accessories

The timers and aquastat can be installed on any standard Taco 00® circulator. Adding a timer and aquastat to a Taco domestic hot water recirculation circulator will increase system efficiency and eliminate hot water cycling during "off" hours. **Great for retrofits!**

00® Series Aquastat Timers



**Analog Timer
(265-1)**



**Digital Timer
(265-3)**

**Aquastat
(563-2)**

LeakBreaker™ Water Heater Shut-Off

The Taco LeakBreaker™ is a water heater leak protection device that protects against flood damage from the containment failure of a water heater. It consists of a control unit, valve with actuator and sensor. The plumb and plug design is specifically engineered for use on a new or retrofit installation. The two color LED light and audible alarm lets you know the status of LeakBreaker at all times.

Features

- Re-Settable
- Testable
- Quick Connect Wiring
- Operates on Batteries or Power Supply
- 2-Color LED Status Light
- Audible Alarm
- Alarm Mute
- 2 N/O; N/C Dry Contacts
- Full Port Valve
- Easy Removable Actuator

Materials of Construction

Control Panel
High Performance
Engineered Polymer

Actuator

Body.....High Performance
Engineered Polymer

Gears.....High Performance
Internally Lubricated
Engineered Polymer

Valve

Body.....Forged Brass

Stem.....Brass

Press Ring.....Brass

Ball.....Brass (Chrome Plated)

Seats...Modified Teflon®

O-Rings....Viton®



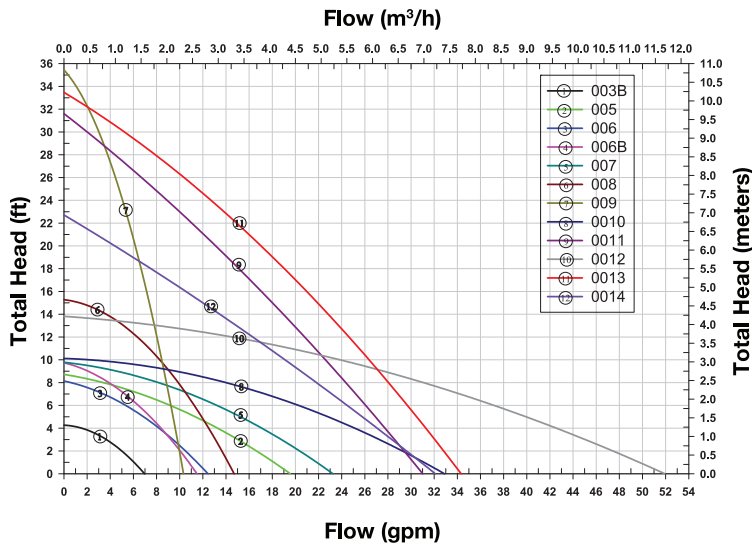
**Part #:
LB-075-H-1LF**

**Installation of the
control unit, valve and
sensor is a snap.**

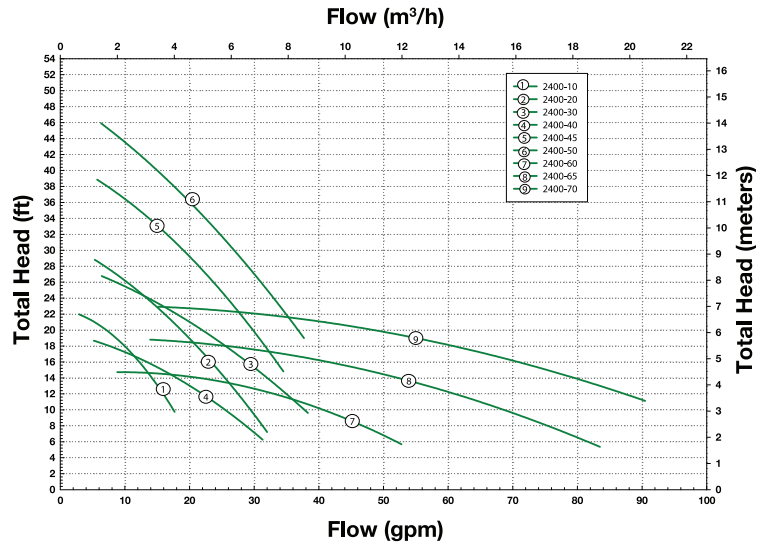


Pump Curves

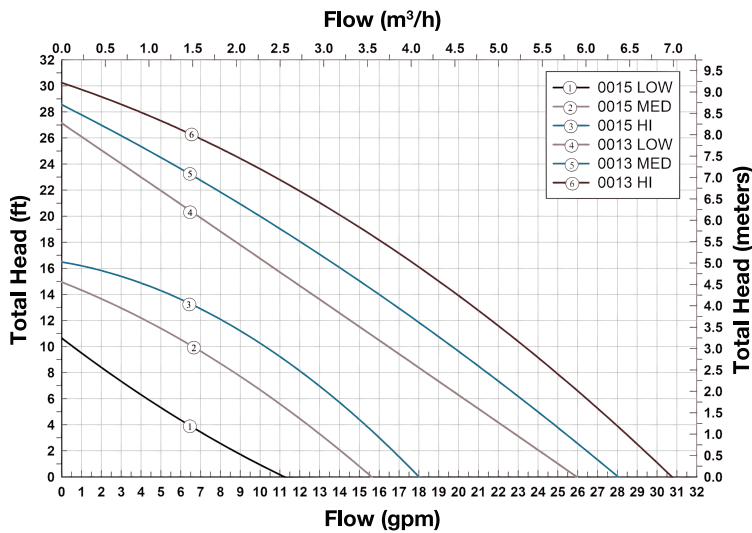
00[®] Series Family (60Hz) (003B – 0014)



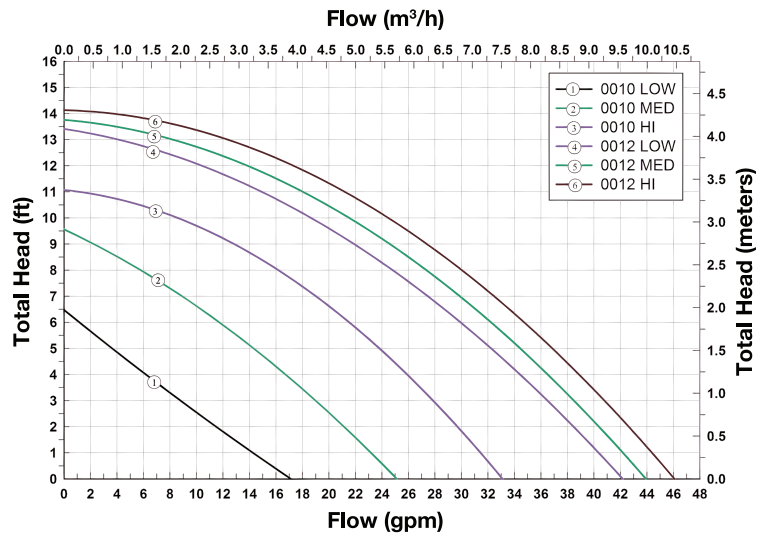
2400 Series (60Hz) (10 – 70)



3-Speed, 00[®]-Series (60Hz) (0013 & 0015)



3-Speed, 00[®]-Series (60Hz) (0010 & 0012)





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