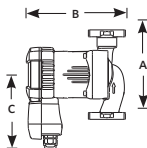
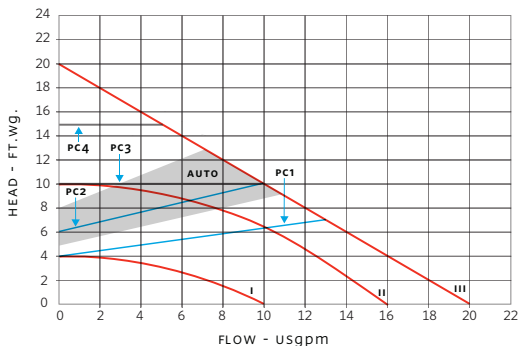


DEMAND-BASED ENERGY SAVINGS

Compass is perfect for any installation
under 20 GPM × 20 FT head.

COMPASS PERFORMANCE CURVES



A = 6.375"
B = 7.08"
C = 5.31"

MODE	CURVE	TYPICAL APPLICATION
Auto	Automatic proportional pressure curve	Designed for heating applications with continuous circulation and zone valves in multi zone applications. Can be used as a default setting in most applications.
PC1	Lowest proportional pressure curve	Proportional pressure curves are ideal for saving energy in systems with varying loads such as a multi-zone valve application. Use the gpm reading to ensure you have sufficient flow for the application.
PC2	Highest proportional pressure curve	
PC3	Lowest constant pressure curve	Constant pressure curves are ideal for fixed resistance circuits, such as a floor loop in zone pumping applications. Select the curve that provides the desired gpm range.
PC4	Highest constant pressure curve	
III	Speed 3 (highest)	Constant speeds can be selected to match a wide range of installed circulators (while saving energy). Note that most boiler loops call for fixed speed pumping. Check boiler installation manual.
II	Speed 2 (medium)	
I	Speed 1 (lowest)	

ARMSTRONG FLUID TECHNOLOGY
ESTABLISHED 1934

ARMSTRONGFLUIDTECHNOLOGY.COM

ARMSTRONG



DESIGN
ENVELOPE



COMPASS
high-efficiency
wet-rotor circulators

STAINLESS STEEL
180203-607

CAST IRON
180203-606

NSF-372* | COMPLIES WITH
EEL ≤ 0.23

BENEFITS

Energy savings of up to 70% vs traditional
fixed speed circulators

Versatility to replace a wide range of fixed
speed and variable speed circulators

Easy to install; convenient front-facing
wiring compartment

5
YEAR
WARRANTY

EASY TO INSTALL

REPLACE ANYTHING WITHIN 20x20

A perfect fit for 6½" port-to-port dimension circulators. Includes removable check valve.

One-screw access to the large front-facing wiring box.

Display shows flow rate and power in watts so you can tune it fast and showcase the energy savings.

Replaces a broad range of fixed speed models – reducing the need for excess inventory on your shelf or truck.

Available in cast iron (for heating) and stainless steel (potable water). Stainless model is NSF 372 listed.



ENERGY SAVINGS UP TO 70%

COMPARED TO TRADITIONAL FIXED SPEED CIRCULATORS

High efficiency ECM motor.

Intelligent Variable Speed: In "Auto" mode, the circulator responds to changes in pressure (such as valves opening and closing), to operate at the lowest energy rating while maintaining comfort in the home wiring box.

Eligible for utility company rebates.

In some areas, utilities offer rebates to encourage the use of energy saving technology such as Compass.

Check with your local utility.

COMPASS CAST IRON (MODEL NO. 180203-606) REPLACES

BELL & GOSSETT

Ecocirc Auto/Vario	NRF-25 S1	NRF-9F/LW	NRF-22	NRF-25 S2
--------------------	-----------	-----------	--------	-----------

GRUNDFOS

Alpha 15-55F/F-LC	Alpha 15-55FR/FR-LC	UPS 15-42F S1	UPS 15-58FC S1	UP 15-10F	UPS 15-42F S2	UPS 15-58FC S2
UPS 15-58FC S2	UPS 15-42F	UPS 15-42F S3	UPS 15-58F S3			

WILO

Stratos Eco 16F/RFC	Stratos Eco 16FX	Star s 16F S2	Star s 21F S1	Star s 16F S3	Star s 16F	Star s 21F S2	Star s 21F S3
---------------------	------------------	---------------	---------------	---------------	------------	---------------	---------------

TACO

Bumble Bee (HEC-2)	005-F2-3-IFC	006-F4-IFC	006-F5-IFC	006-F6-IFC	006-F7-IFC	007-F5-5-IFC	007-F5-6-IFC
007-F5-7-IFC	007-F5-8-IFC	00R/0015 F61 IFC	MSF2-1 IFC S1	008-FC-1-IFC	00R-FC-1-IFC	00R/0015-MSF2-1 IFC S2	00R/0015-MSF2-1 IFC S3

COMPASS STAINLESS STEEL (MODEL NO. 180203-607) REPLACES

BELL & GOSSETT

NBF/SSF-9U/LW	NBF/SSF-12U/L	NBF/SSF-12F/LW	NBF-25 S1	NBF/SSF-22	NBF-25 S2
---------------	---------------	----------------	-----------	------------	-----------

GRUNDFOS

Alpha 15-55SF/SF-LC	UP 15-18BUC 5/7	UP 15-29SU	UP 15-35SUC	UP 15-35SUC S2	UP 15-35SFC S1	UP 15-35SFC S2	UP 15-18SF
UP 15-55SFC S1	UPS 15-35SFC S3	UPS 15-55SFC S2	UPS 15-55SFC S3	UP 15-42SF	UP 25-64SF		

WILO

Stratos Eco 16BFX	Stratos 5BU	Star B	Star 16BF	Star 11BU	Star BF21BFX S1	Star 21BFX S2	Star s 21BFX S3
-------------------	-------------	--------	-----------	-----------	-----------------	---------------	-----------------

TACO

003-SC4-1-FC	005-BF2/-1-IFC	005-SF2-1-IFC	006-BC4-1	006-B7-IFC	006-SC4-1	006-SC7-IFC	007-BF5/-1-IFC
007-SF5-1-IFC	008-BC6	008-BC6-IFC	008-SF6-IFC	00R/0015-SF6-IFC	00R/0015-SF6-1-IFC		