



## Replace every three piece circulator in Michigan, Ohio and Indiana

*WILO Stratos Pumps use ½ the electricity as AC pumps matching flows.*

They save the owner even more by:

Replacement pump for less than a motor and bearing assembly.

Smart Technology variable speed ECM



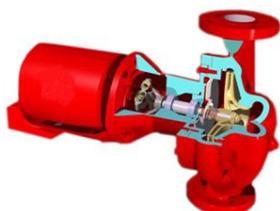
Reduced maintenance cost on system components with proper velocities

Improved SYSTEM efficiency ie proper delta T's

**Replace a Three Piece Circulator with a WILO STRATOS part**

**Save ENERGY and Maintenance Budget**

*Just install and adjust to the proper delta T, let the VFD work.*



Need to know Flange to Flange, Horsepower, voltage and flange size.

**Stratos 1.25 x 3-20** 2085589 Variable speed, cast iron, single phase 1~230V 1/12 9.3

Top S 1.25 x 25 10" F/F

**Stratos 1.25 x 3-25** 2085590 Variable speed, cast iron, single phase 1~230V 1/8 9.3

Top S 1.25 x 35 6.5" F/F

**Stratos 1.25 x 3-30** 2085591 Variable speed, cast iron, single phase 1~230V 1/4 19.8

Top S 1.50 x 30 10" F/F

**Stratos 1.25 x 3-35** 2085592 Variable speed, cast iron, single phase 1~230V 1/4 19.8

Top S 1.50 x 40 10" F/F

**Stratos 1.5 x 3-40** 2085593 Variable speed, cast iron, single phase 1~230V 1/2 30.9

Top S 1.50 x 50 10" F/F

**Stratos 2 x 3-35** 2085594 Variable speed, cast iron, single phase 1~230V 3/4 37.2

Top S 2.0 x 40 11" F/F

Top S 2.0 x 50 11" F/F

**Stratos 3 x 3-30** 2085595 Variable speed, cast iron, single phase 1~230V 1 41.9

Top S 3.0 x 25 14" F/F

**Stratos 3 x 3-40** 2085595 Variable speed, cast iron, single phase 1~230V 1 41.9

Top S 3.0 x 50 14" F/F

**Stratos ECO 16FX 6.38" F/F to replace typical B&G #100 or equal**

Stratos 1.25 2705104 1-1/4" Cast Iron Flange Set 3.0

Stratos 1.5 2705026 1-1/2" Cast Iron Flange Set 3.0

Stratos 2 2705027 2" Cast Iron Flange Set 7.0

Flange sets include: 2-flanges, 2-gaskets, 4-bolts & nuts

Nipple needed to make up additional distance in replacement

**NOTE - 3" Pumps take standard 3" ANSI Flanges and are supplied by other if needed.**

Many existing boilers that utilize conventional AC pumps with 3/4hp motors, using the Blauer Engel Profile at 0.10/kWh for energy consumption and set to the proper flow (which every unit we've reviewed in the field has not) the approximate energy cost is approx \$435.44/ year.

Utilizing the WILO Stratos of equal capacity and the same formula the cost is approx \$127.77/year. The Stratos style pump in addition to the Variable Speed controller, utilizes DC ECM with internal control so that external building management is not required. Each pump offers three methods of energy savings VFD, ECM and system control allowing 50 – 80% energy savings.

In addition to the pump energy savings proper flow to meet design delta T or temperature rise as designed by the boiler manufacturer the owner can realize additional gas savings by operating at peak boiler efficiency. A 98% efficient boiler operating at less than optional delta T is really operating at a very reduced efficiency as shown in their literature and the owners gas usage.

Not all systems can utilize energy savings advantage of the Stratos pump, but can realize the savings of the Top S pump vs. the cost of a motor or bearing assembly as shown above. Remember if the motor failed the bearing assembly will also fail shortly and if the bearing assembly failed you guessed it the motor is probably not far behind. You can utilize a cost effective replacement complete Top S or Stratos for less than parts for a 3 piece circulator. Now you have a complete new pump with a warranty.

WILO Stratos	Length	Flange	B&G Series 60	HP	Length	Taco Series 1600	HP	Length	Armstrong Series H	HP	Length
1.25x3-2	8.5	1.25	1.25x1.25x5.25	0.25	11						
1.25x3-2	8.5	1.25	604	0.25	11"	1600	0.25	10.25	H-52	0.33	11.5
1.25x3-2	8.5	1.25	605	0.33	11			10.25			
1.25x3-2	8.5	1.25	606	0.50	11			10.25			
1.25x3-3	8.5	1.25	606	0.75	11			10.25			
1.5x3-40	10	1.5	1.5x1.5x5.25	0.50	11.5			13.5			
1.5x3-40	10	1.5	607	0.50	11.5	1612	0.50	13.5	H-53	0.50	11.5
1.5x3-40	10	1.5	608	0.75	11.5			13.5			
1.5x3-40	10	1.5	609	1.00	11.5			13.5			
2x3-35	10	2	2x2x5.25-610	0.50	11.5			13.5			
2x3-35	10	2	611	0.75	11.5	1632	0.75	13.5	H-54	0.75	11.5
2x3-35	10	2	612	1.00	11.5			13.5			
2x3-35	10	2		1.50	11.5			13.5			
3x3-30	14	3	3x3x5.25	0.33	12						
3x3-30	14	3		0.50	12						
3x3-30	14	3		0.75	12						
3x3-30	14	3		1.00	12						
3x3-30	14	3		1.50	12						
1.5x3-40	10	1.5	1.5x1.5x6.25	0.50	13.5			13.5			
1.5x3-40	10	1.5	621	0.50	13.5	1612	0.50	13.5	H-63	0.50	13.5
1.5x3-40	10	1.5	613	0.75	13.5	1614	0.75	13.5	H-64	0.75	13.5
1.5x3-40	10	1.5	614	1.00	13.5	1616	1.50	14.5	H-65	1.00	13.5
1.5x3-40	10	1.5		1.50	13.5						
WILO Stratos	Length	Flange	B&G Series 60	HP	Length	Taco Series 1600	HP	Length	Armstrong Series H	HP	Length
2x3-35	11	2	2x2x6.25	0.50	11.5			13.5			
2x3-35	11	2	615	0.75	11.5	1632	0.75	13.5	H-54	0.75	11.5
2x3-35	11	2	616	1.00	11.5			13.5			
2x3-35	11	2		1.50	11.5			13.5			
1.5x3-40	10	1.5	1.5x1.5x7-622	0.75	13.5						
1.5x3-40	10	1.5	623	1.00	13.5						
call	10	1.5	617	1.50	13.5						
call	10	1.5	618	2.00	13.5						
2x3-35	11	2	2x2x7-625	1.00	14	1634	1.00	13.5	H-67	1.00	14
TopS2x50	11	2	619	1.50	14	1634	1.00	13.5	H-68	1.50	14
TopS2x60	11	2	620	2.00	14			13.5	10603D	3.00	18
call	11	2		3.00	14			13.5			