







Installation and Operation of Flex-Flo

Model 220, 300, 300P, 350, 500 and HR

Installation and Owner's Manual

PNEG-914 Date: 04-28-14



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Safety Guidelines

This manual contains information that is important for you, the owner/operator, to know and understand. This information relates to protecting *personal safety* and *preventing equipment problems*. It is the responsibility of the owner/operator to inform anyone operating or working in the area of this equipment of these safety guidelines. To help you recognize this information, we use the symbols that are defined below. Please read the manual and pay attention to these sections. Failure to read this manual and its safety instructions is a misuse of the equipment and may lead to serious injury or death.



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.



DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.



WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION, used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.



NOTICE is used to address practices not related to personal injury.

General Safety Statement

Our foremost concern is your safety and the safety of others associated with grain handling equipment. This manual is to help you understand safe operating procedures and some problems that may be encountered by the operator and other personnel.

As owner and/or operator, you are responsible to know what requirements, hazards, and precautions exist and inform all personnel associated with the equipment or in the area. Safety precautions may be required from the personnel. Avoid any alterations to the equipment, which may produce a very dangerous situation, where SERIOUS INJURY or DEATH may occur.

Electrical Safety

An adequate and safe power supply to the Flex-Flo System unit is essential for safety. A competent and qualified electrician must undertake all electrical wiring. All wiring is to be installed in accordance with all local and National Standards and Regulations relevant to your country and region.

Electrical safety devices, emergency stops and main isolators are recommended with the Flex-Flo System and are essential for safety. This should be installed as indicated in the enclosed installation instructions and in accordance with the relevant codes and directives.

User's Manual

This manual contains information and instructions essential to the safe installation and use of the Flex-Flo System. Read this manual thoroughly **before** attempting any installation or use of the Flex-Flo System. Keep this manual with the Flex-Flo System or in a location where it can be readily accessed. Failure to read this manual and its safety instructions is a misuse of the equipment.

Correct Uses of the Flex-Flo System

The Flex-Flo System is designed for the sole purpose of conveying granular or powdered agricultural animal feed. Use of the system in any other way is a misuse of the system and may endanger the health and safety.

Only genuine AP/Cumberland parts are to be used in the installation and use of the Flex-Flo System. Use of other non-genuine parts is a misuse of the system and may lead to dangerous situations imperilling the safety and health of you and others.

This system is not designed for use in atmospheres where there is a risk of explosion. Use in such an environment is prohibited. If in doubt contact your dealer or the GSI Group.

Safety Guards

The Flex-Flo System contains many moving and electrical parts, which will cause serious injury or death if touched. Guards are placed on the machine to protect you. Operating the machine at any time with guards removed or incorrectly fitted is a serious misuse of the machine and endangers safety.

Safety in Handling the Flex-Flo System

The Flex-Flo drive unit weighs 48 lbs. (22 kgs). All precautions should be taken when lifting and or moving the unit. Ideally mechanical lift equipment should be used. If manual handling is necessary assistance should be sought from other people.

1. Safety

CE Compliance

In accordance with European Union Directives, GSI has made every effort to ensure that this product complies with the essential requirements of the machinery directive, the low voltage directive and the electromagnetic compatibility directive. As such, we have declared conformity and affixed the CE mark. Our declaration relates only to genuine GSI Flex-Flo Systems installed as intended by GSI. We cannot and do not declare conformity for any modifications, additions or any systems whatsoever operating on or with GSI products that are not supplied by GSI or are in any way outside the control of GSI.

Safety in Maintenance

The Flex-Flo System is designed to keep maintenance to a minimum, however, some repairs will be necessary in the course of the life of the system. Do not attempt any repairs on the system unless you are competent to do so. Remember that the Flex-Flo operates under automatic control and will start without warning. *Never attempt any work on the Flex-Flo System without first isolating the drive unit from the main power and locking the isolator so that only you can turn the power back ON*. Follow all guidelines given in the maintenance section of this manual.

Before restarting the Flex-Flo System, make sure that all electrical enclosures are locked closed, and all guards and other safety measures are correctly fitted. If in any doubt, contact your dealer or the GSI group for assistance.

Dust

Under normal working conditions little or no dust should be created by the Flex-Flo System. However, some dust may be created, which may be harmful to your health if inhaled. To prevent this, wear a suitable type dust mask.

Noise

Noise is not generally a hazard associated with the Flex-Flo System. Excessive noise may indicate a problem with the machines. Tests on this machine indicate noise levels at a position one meter from the drive unit and 1.6 meters above the ground do not exceed 70 dBa, continuous "A" weighted sound pressure or 63 Pa, instantaneous "C" weighted sound pressure.

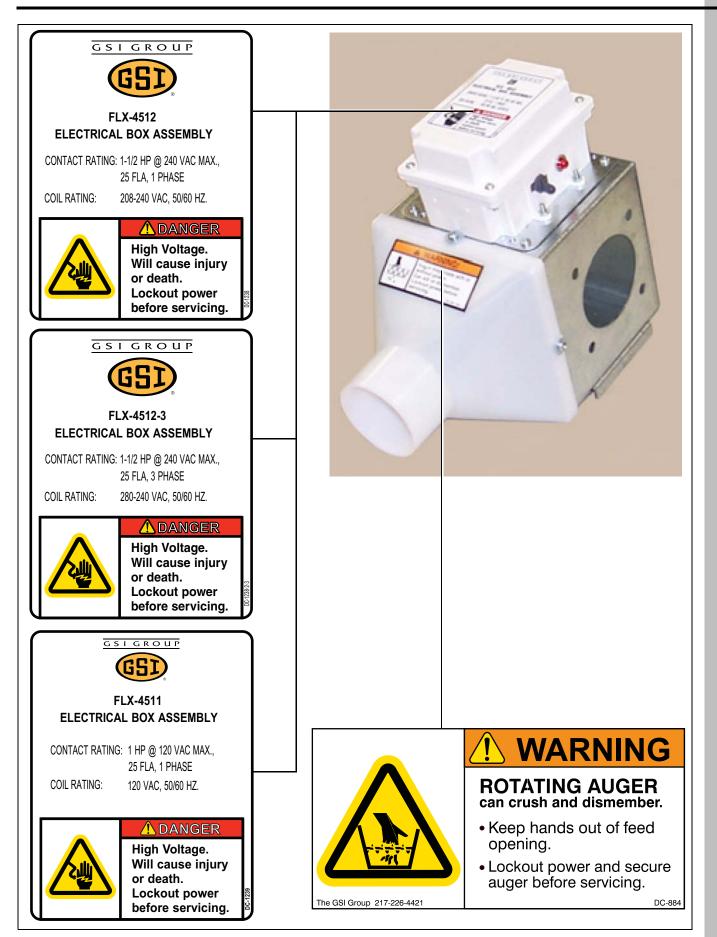
Sound Signs and Warnings

The following pages show you exactly where the safety and warning decals should be placed on the Flex-Flo System. If a decal is missing or unreadable, please contact your dealer or the GSI group, for a free replacement.

For guidance or assistance on any issues relating to the safe use of the Flex-Flo System,

Contact:

GSI Group 1004 E. Illinois St. Assumption, IL. 62510 Phone: 1-217-226-4421 Fax: 1-217-226-4420.







The GSI Group 217-226-4421

WARNING

ROTATING AUGER can crush and dismember.

- Keep hands out of feed opening.
- Lockout power and secure auger before servicing.

DC-884

Applications

In poultry application, Flex-Flo Fill System conveys feed from bulk feed tank to hoppers inside the poultry building as shown in *Figure 3A*. Other feed systems (i.e. cycle plus, chain feeder etc.) take the feed from the hopper to the desired locations in the building. On this layout, hopper level switches may be placed in more than one hopper to assure that no hopper empties before the control unit hopper requires feed. (All switches must be wired in parallel so that any one switch can start the system.)

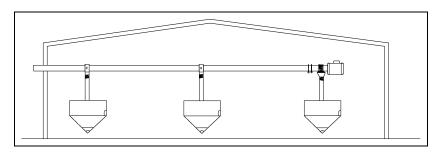


Figure 3A Poultry Application Layout

In swine applications, Flex-Flo Fill System conveys feed from bulk feed tanks to each individual feeder (i.e. S.S. hog feeder, drop feeder etc.) directly as shown in *Figure 3B*. It is at this location that feed is being consumed. A feed level control is installed at the end to shut off the system after all feeders are filled.

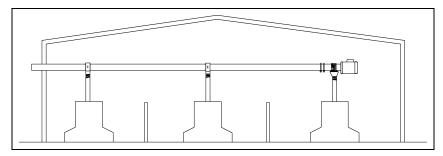


Figure 3B Swine Application Layout

Background

The Flex-Flo Fill System consists of a combination of PVC tubes and preformed PVC elbows. A special PVC cement is used to connect the tubes and elbows. The PVC tubes are available in four (4) different sizes. The PVC tube contains a rotating auger which conveys the feed to the different outlet holes. The auger is driven by a direct drive power unit or a belt drive power unit.

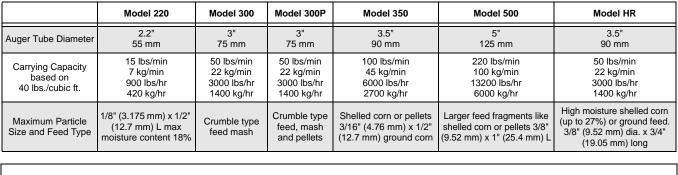
Building Safety

If you are intending to install the Flex-Flo System at high levels and/or suspended from a building structure, it is important that you check the structural integrity of the building to carry the additional load. For information on the imposed loads on the building by the Flex-Flo System, please contact the dealer or the GSI Group.

Installation Sequence

This manual outlines the recommended order for the installation of the Flex-Flo System. Following this guideline will provide the safest and easiest method of installation. Above all, connection of the system to the electrical mains should be the final stage of installation. Failure to observe this could lead to a fatal accident.

4. Flex-Flo Specifications (English/Metric)



Flex-Flo Systems Specifications

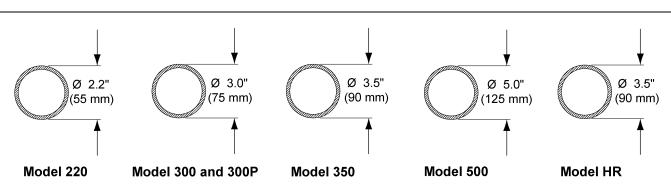


Figure 4A

The Feed Tank Connections

Feed Tank Orientation

Positioning the feed tank in line with the Flex-Flo System will provide the most trouble-free operation possible. Avoid unnecessary elbows and curves to ease system installation. A feed tank with a 30° unloader is generally required to be at least 10-1/2' (3.2 m) away from the building. With a straight unloader, the tank will be approximately 4' (1.22 m) farther away from the building in order to make auger tube connections. The reference points are based upon the height where the system enters the building. Different unloaders with various elbows and curves used provide different entrance opportunities. The distances are achieved by modifying and adjusting the elbows and tubing as needed. See Table on Page 11 (English) or See Table on Page 12 (Metric) for tank placement recommendations.



Figure 4B 30° Unloader

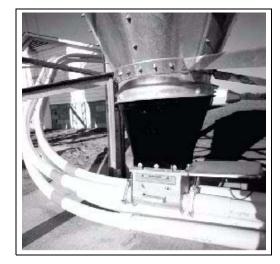


Figure 4C Straight Unloader

Model 220 with 10' Radius Elbows									
	"Х	' for 30° Boot	(ft.)	"X" fo	"X" for Straight Boot (ft.)				
"H" (ft.)	30°	45°	60°	30°	45°	60°			
5.0	10.5	-	-	15.0	-	-			
6.0	12.5	11.0	-	17.0	-	-			
7.0	14.0	12.0	-	18.5	17.0	-			
8.0	16.0	13.0	-	20.0	18.0	-			
9.0	17.5	14.0	-	22.0	19.0	-			
10.0	19.5	15.0	-	23.5	20.0	-			
11.0	21.0	16.0	14.5	25.5	21.0	19.5			
12.0	23.0	17.0	15.0	27.0	22.0	20.0			
13.0	24.5	18.0	16.0	29.0	23.0	21.0			
14.0	26.5	19.0	16.5	30.5	24.0	21.5			
15.0	28.0	20.0	17.0	32.5	25.0	22.0			
16.0	30.0	21.0	17.5	34.0	26.0	22.5			
17.0	31.5	22.0	18.0	36.0	27.0	23.0			
18.0	33.5	23.0	18.5	37.5	28.0	23.5			
19.0	35.0	24.0	19.5	39.5	29.0	24.0			
20.0	37.0	25.0	20.0	41.0	30.0	25.0			

Tank Centerline to Building Entrance Distance "X" from Given Height "H" (English)

Model 500 with 6' Radius Elbow									
"II" (A.)	"X'	' for 30° Boot	(ft.)	"X" for Straight Boot (ft.)					
"H" (ft.)	30°	45°	60°	30°	45°	60°			
5.0	9.0	-	-	12.0	10.0	-			
6.0	10.5	8.0	7.5	13.5	11.0	10.0			
7.0	12.0	9.0	8.0	15.5	12.0	11.0			
8.0	14.0	10.0	8.5	17.0	13.0	11.5			
9.0	15.5	11.0	9.0	19.0	14.0	12.0			
10.0	17.0	12.0	9.5	20.0	15.0	12.5			
11.0	19.0	13.0	10.0	22.5	16.0	13.0			
12.0	20.5	14.0	11.0	23.5	17.0	13.5			
13.0	22.5	15.0	11.5	26.0	18.0	14.0			
14.0	24.0	16.0	12.0	27.0	19.0	15.0			
15.0	26.0	17.0	12.5	29.5	20.0	15.5			
16.0	27.5	18.0	12.5	30.5	21.0	16.0			
17.0	29.5	19.0	13.5	33.0	22.0	16.5			
18.0	31.0	20.0	14.0	34.5	23.0	17.0			
19.0	33.0	21.0	15.0	36.0	24.0	17.5			
20.0	34.5	22.0	15.5	37.5	25.0	18.5			

Model 220, 300, 300P, 350 and HR with 5' Radius Elbow									
<i></i>	"Х'	' for 30° Boot	(ft.)	"X" for Straight Boot (ft.)					
"H" (ft.)	30°	45°	60°	30°	45°	60°			
5.0	9.0	-	-	12.0	10.0	-			
6.0	10.5	8.0	7.5	13.5	11.0	10.0			
7.0	12.0	9.0	8.0	15.5	12.0	11.0			
8.0	14.0	10.0	8.5	17.0	13.0	11.5			
9.0	15.5	11.0	9.0	18.5	14.0	12.0			
10.0	17.0	12.0	9.5	20.5	15.0	12.5			
11.0	19.0	13.0	10.0	22.0	16.0	13.0			
12.0	20.5	14.0	11.0	24.0	17.0	13.5			
13.0	22.5	15.0	11.5	25.5	18.0	14.0			
14.0	24.0	16.0	12.0	27.5	19.0	15.0			
15.0	26.0	17.0	12.5	29.0	20.0	15.5			
16.0	27.5	18.0	12.5	31.0	21.0	16.0			
17.0	29.5	19.0	13.5	32.5	22.0	16.5			
18.0	31.0	20.0	14.0	34.5	23.0	17.0			
19.0	33.0	21.0	15.0	36.0	24.0	17.5			
20.0	34.5	22.0	15.5	38.0	25.0	18.5			

4. Flex-Flo Specifications (English/Metric)

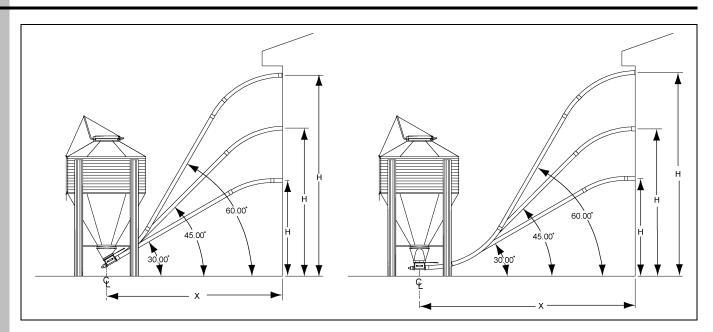


Figure 4D Equipment Orientation Charts

Tank Centerline to Building Entrance Distance "X" from Given Height "H" (Metric)

	Model 220 with 10' Radius Elbows									
(11) (m)	"Х'	' for 30° Boot	(m)	"X" for Straight Boot (m)						
"H" (m)	30°	45°	60°	30°	45°	60°				
1.52	3.20	-	-	4.57	-	-				
1.83	3.81	3.35	-	5.18	-	-				
2.13	4.27	3.66	-	5.64	5.18	-				
2.44	4.88	3.96	-	6.10	5.49	-				
2.74	5.33	4.27	-	6.71	5.79	-				
3.05	5.94	4.57	-	7.16	6.10	-				
3.35	6.40	4.88	4.42	7.77	6.40	5.94				
3.66	7.01	5.18	4.57	8.23	6.71	6.10				
3.96	7.47	5.49	4.88	8.84	7.01	6.40				
4.27	8.08	5.79	5.03	9.30	7.32	6.55				
4.57	8.53	6.10	5.18	9.91	7.62	6.71				
4.88	9.14	6.40	5.33	10.36	7.92	6.86				
5.18	9.60	6.71	5.49	10.97	8.23	7.01				
5.49	10.21	7.01	5.64	11.43	8.53	7.16				
5.79	10.67	7.32	5.94	12.04	8.84	7.32				
6.10	11.28	7.62	6.10	12.50	9.14	7.62				

Model 500 with 6' Radius Elbow									
<i></i>	"Х'	' for 30° Boot	(m)	"X" for Straight Boot (m)					
"H" (m)	30°	45°	60°	30°	45°	60°			
1.52	2.74	-	-	3.66	3.05	-			
1.83	3.20	2.44	2.29	4.11	3.35	3.05			
2.13	3.66	2.74	2.44	4.72	3.66	3.35			
2.44	4.27	3.05	2.59	5.18	3.96	3.51			
2.74	4.72	3.35	2.74	5.79	4.27	3.66			
3.05	5.18	3.66	2.90	6.10	4.57	3.81			
3.35	5.79	3.96	3.05	6.86	4.88	3.96			
3.66	6.25	4.27	3.35	7.16	5.18	4.11			
3.96	6.86	4.57	3.51	7.92	5.49	4.27			
4.27	7.32	4.88	3.66	8.23	5.79	4.57			
4.57	7.92	5.18	3.81	8.99	6.10	4.72			
4.88	8.38	5.49	3.81	9.30	6.40	4.88			
5.18	8.99	5.79	4.11	10.06	6.71	5.03			
5.49	9.45	6.10	4.27	10.52	7.01	5.18			
5.79	10.06	6.40	4.57	10.97	7.32	5.33			
6.10	10.52	6.71	4.72	11.43	7.62	5.64			

4. Flex-Flo Specifications (English/Metric)

Model 220, 300, 300P, 350 and HR with 5' Radius Elbow									
	"X" f	or 30° Boo	ot (m)	"X" for Straight Boot (m)					
"H" (m)	30°	45°	60°	30°	45°	60°			
1.52	2.74	-	-	3.66	3.05	-			
1.83	3.20	2.44	2.29	4.11	3.35	3.05			
2.13	3.66	2.74	2.44	4.72	3.66	3.35			
2.44	4.27	3.05	2.59	5.18	3.96	3.51			
2.74	4.72	3.35	2.74	5.64	4.27	3.66			
3.05	5.18	3.66	2.90	6.25	4.57	3.81			
3.35	5.79	3.96	3.05	6.71	4.88	3.96			
3.66	6.25	4.27	3.35	7.32	5.18	4.11			
3.96	6.86	4.57	3.51	7.77	5.49	4.27			
4.27	7.32	4.88	3.66	8.38	5.79	4.57			
4.57	7.92	5.18	3.81	8.84	6.10	4.72			
4.88	8.38	5.49	3.81	9.45	6.40	4.88			
5.18	8.99	5.79	4.11	9.91	6.71	5.03			
5.49	9.45	6.10	4.27	10.52	7.01	5.18			
5.79	10.06	6.40	4.57	10.97	7.32	5.33			
6.10	10.52	6.71	4.72	11.58	7.62	5.64			

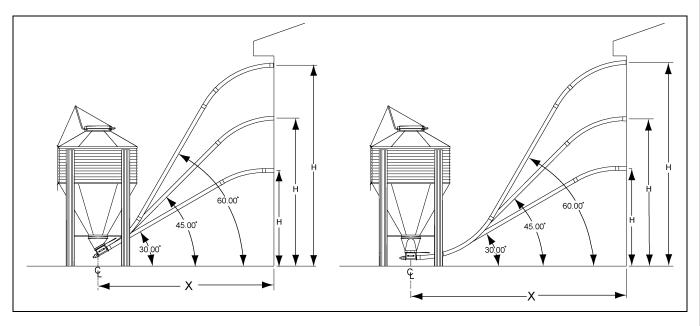


Figure 4E Equipment Orientation Charts



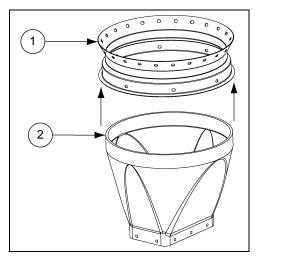
Improper installation methods of the hardware may cause permanent damage and possible breakage of the boot.

Boot and Transfer Plate Installation

NOTE: Installation of the boot is the same whether the tank has the standard collar or the Sure-Flo Feed Flow Control.

Slide the boot as far as possible into the tank collar or the Sure-Flo Feed Flow Control opening. (See Figure 5A.) Align the boot with the Flex-Flo System that will be installed. Using the holes in the collars for guides, drill eight (8) 11/32" holes into the boot rim. (See Figure 5B.)

Mount the boot to the collar with the hardware provided. Bolt the transfer plate and unloader braces to the boot as shown. See Figure 5C for proper usage and assembly direction of hardware for mounting the boot and the transfer plate. All connections should be tightened until they are "snug".



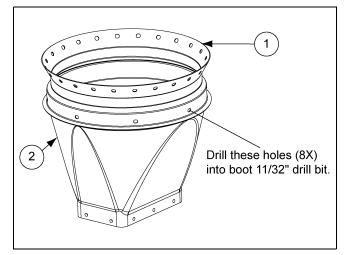


Figure 5A

Figure 5B

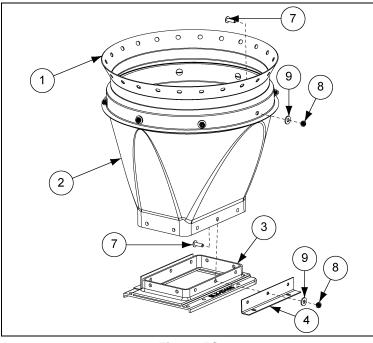
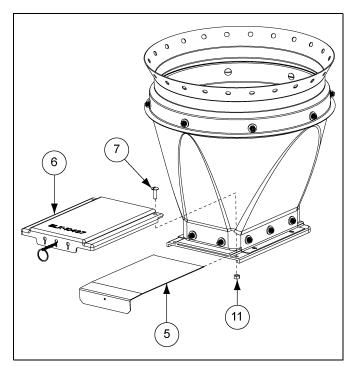


Figure 5C

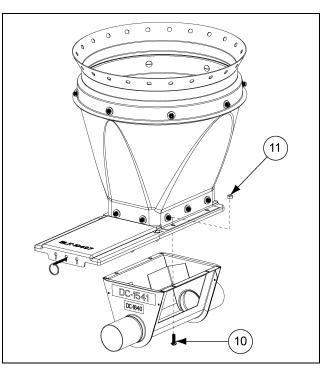
Slide Gate Installation

Insert the slide into the transfer plate. The slide must be in its operating position prior to attaching the slide shield to the transfer plate. Use two (2) 5/16"-18 x 1" truss head tap bolts to mount the slide shield. (See Figure 5D.)

Bolt unloader to transfer plate/unloader brace assembly as shown in *Figure 5E*. Note orientation of these bolts. (See Figure 5E.)









Ref #	Part #	Description
1	BLK-10488	16" 67°, 16" Hopper Collar, (24 Holes)
1	BLK-10489	16" 60° Hopper Collar, (24 Holes)
1	BLK-11463	16" 60° Hopper Collar (27 Holes)
1	BLK-12342	16" 60° Hopper Collar (18 Holes)
2	FLX-2194	16" 30° Black Plastic Boot
2	FLX-2194C	16" 30° Clear Plastic Boot
2	FLX-2195	16" Straight Black Plastic Boot
2	FLX-2195C	16" Straight Clear Plastic Boot
2	FLX-4869	16" Double Straight Black Boot
3	BLK-10496	Transfer Plate
4	FLX-4819	Unloader Brace
5	FLX-4782	Slide Gate
6	BLK-10497	Slide Gate Shield
7	S-4336	5/16" x 1" Truss Head Machine Screw
8	S-4337	5/16"-18 Nylon Insert Nut
9	S-4338	5/16" Nylon Washer
10	S-8328	Screw, MS 5/16"-18 x 1" RHS ZN Grade 2
11	S-396	Hex Nut 5/16"-18 YDP Grade 2

Inspection/Clean-Out Plate Installation

Once the installation of the auger tubes and auger is complete, insert the inspection/clean-out plate or the optional unloader switch.

The inspection/clean-out plate is to be installed per the following instructions: (See Figure 5F.)

- 1. Back off both wing nuts to the stud ends.
- 2. Slide the plate onto the lower side of the unloader opening.
- 3. Move the plate first against the side of the unloader then upward toward the top of the unloader.
- 4. Tighten the wing nuts while holding the plate steady.

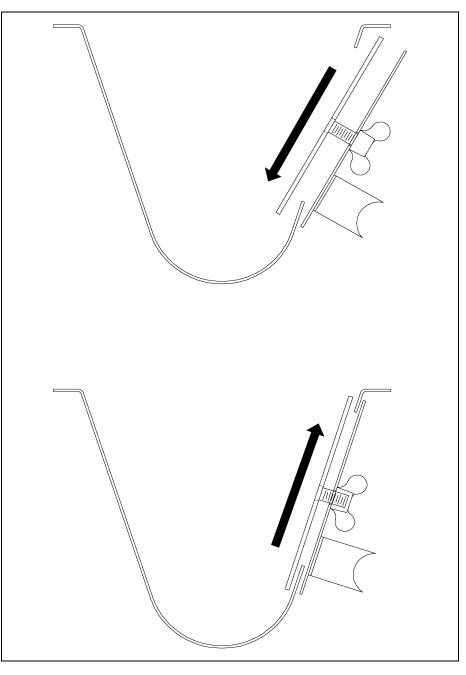


Figure 5F Clean-Out Plate Installation

Feed Tank Collar

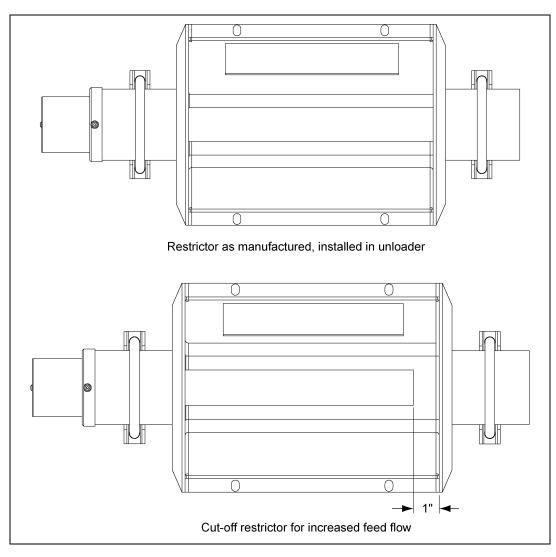
The standard bulk feed tank is supplied with a 16" (40.64 cm) hopper opening. If needed, 22" (55.88 cm) hopper openings are also available. Consult the dealer for specific ordering instructions.

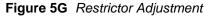
Restrictor Adjustment

The restrictor may be adjusted to allow more feed flow. Do not modify the restrictor until the system is completely operational and the auger has been polished by running feed through the system.

Instructions:

- 1. Remove the restrictor tube from the unloader.
- 2. Cut 1" (2.5 cm) from the restrictor. (See Figure 5G.)
- 3. Install the restrictor and the bearing assembly into the unloader.
- 4. Test the feed flow.
- 5. If the desired feed flow rate is not attained, repeat the above procedure until the desired rate is reached.





Straight-Through Tandem Installation

The straight-through tandem system should be installed the same as a single tank system with the following exceptions:

- 1. Mount the boots on both tanks and the single or twin-out unloader as instructed.
- 2. Install baffle plate (FLX-4750) in the Model 350 single-through unloader as shown in *Figure 5H*. *The twin unloader baffle is factory installed as shown in Figure 5H*.

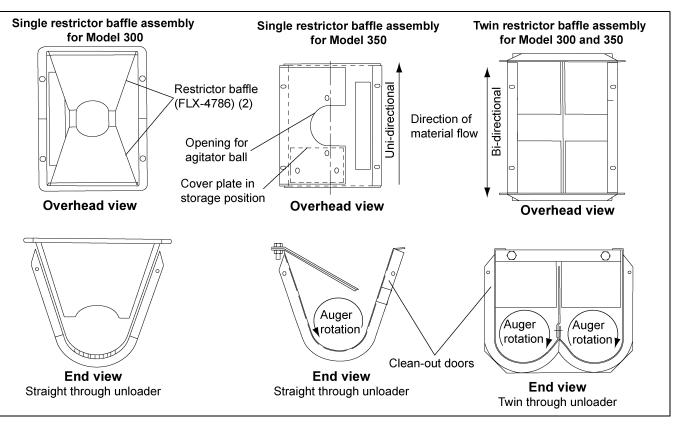
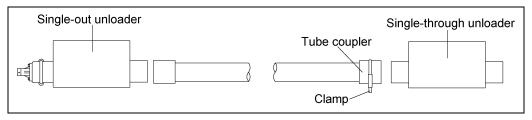
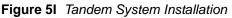


Figure 5H

- 3. Slide the belled end of a straight tube onto the unloader outlet on the first tank. Hold the straight tubing in the desired mounting position. Mark and cut the straight tube at the point where the tube and the inlet of the straight-through unloader inlet intersect.
- 4. Slip the appropriate tube coupler over the cut end of the straight tube. Position the straight tube in its operating location. Slide and clamp the tube coupler over the straight-through unloader inlet. (See Figure 51.)







5. Feed the auger through the single/twin-out unloader to the rest of the system and anchor as instructed.

Auger Tubing Installation

The auger tubing is one of the most important parts of the Flex-Flo Fill System. Proper installation is very important. Dry fit ALL parts before cementing or clamping. Once the complete system is fitting properly, cement or clamp the entire system.

The following steps are to be performed in the exact order shown:

1. Establish the entry point where the auger tube will enter the building. Once the entry point is determined, cut a hole large enough to accommodate the tubing. A seal ring and a neoprene seal are provided to seal the excess area between the tube and the hole in the building. The seal ring and the neoprene seal shall be installed as shown in *Figure 5J*.

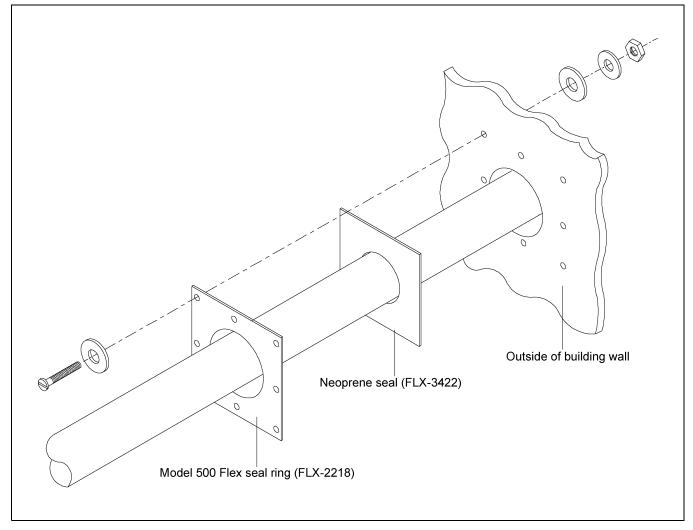


Figure 5J Seal Ring and Neoprene Seal Installation

- 2. Slide the elbow tubing through the hole in the building. Establish and cut (if necessary) the elbow at the desire length to ensure that the auger tubing will be horizontal. See Figure 5K on Page 20 for proper cutting dimensions of the elbows at specific degree angles.
- 3. Fit and clamp a second elbow around the unloader outlet.
- 4. Slide the non-belled end of the straight tubing into the belled end of the "building" elbow. Hold the straight tubing in the desired mounting position. Mark and cut the "unloader" elbow at the point where it and the straight tubing intersect.

Auger Tubing Installation (Continued)

- 5. Remove the non-belled end of the straight tubing from the "building" elbow. Slide the belled end of the straight tubing over the freshly cut end of the "unloader" elbow. Mark and cut the straight tubing (as needed) so that it will fit inside the belled end of the "building" elbow.
- 6. Dry fit all of the outside tubing to ensure correct installation. Once satisfied, glue or clamp the tubing together as per the instructions in the section titled cementing procedure *on Page 21*.
- 7. When the auger tubing between the unloader and the building is 15' (4.57 m) or longer, the tubes should be supported.
- 8. Locate and cut the outlet holes needed in the remaining straight tubes. For the exact size of outlet holes, see section titled outlet holes on Page 21. Once ALL of the outlet holes are made and the tubing is dry fitted, glue or clamp the tubes together per the instructions in the section entitled cementing procedure on Page 21.
- 9. Suspend the auger tubes and elbows from the ceiling at least once every four feet (4'). If horizontal elbows are used, support them in at least two (2) places. Chain and lag screws are provided in each suspension kit. The tubes should be kept as straight and level as possible.

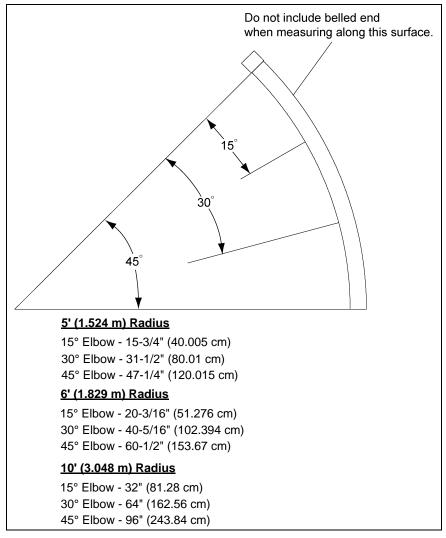


Figure 5K Cutting Chart for 45° Elbow

NOTE: Align all outlet holes in proper functional positions prior to gluing the tube joints together.

Cementing Procedure

Flex-Flo Systems have specially formulated PVC tubing. For strong tube connections, apply the PVC solvent cement per the instructions as follows:

- 1. Square tube ends and remove all burrs and dirt.
- 2. Check dry fit of tubes. The smaller end of the first tube should easily slide one-third of the way into the belled end of the second tube. The first tube end should be snug in the second tube once it is all the way in.
- 3. When the temperature is below 40°F (4°C) or above 85°F (29°C), consult PVC solvent cement container.
- 4. Apply a liberal coat of cement in the belled end. Avoid puddling inside.
- 5. Apply a liberal coat of cement on the smaller end, leaving no voids.
- 6. Assemble parts quickly. CEMENT MUST BE FLUID. If not fluid, re-coat both parts.
- 7. Push the smaller end into the belled end using a quarter turning motion until the small end bottoms.
- 8. Hold tubes together for 30 seconds, wipe off excess cement with cloth. Completed joints should not be disturbed until they have cured enough to withstand handling.

Keep container closed when not in use.

Outlet Holes

Establish where the outlet drops are to be. Once this is done, cut holes for the outlet drops. See Figure 5L for hole size recommendations. If total drop-out is necessary, it is recommended that the holes are cut using a saber saw or hacksaw. When carry-over is desired, it is recommended that the outlet holes are cut with a holesaw.

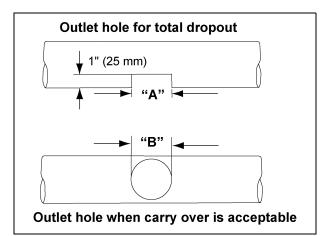


Figure 5L Outlet Hole Cutting Chart

Model	Full Drop	Carry-over
woder	Variable "A"	Variable "B"
220	1-1/2" (38 mm)	1-1/2" (38 mm)
300 and 300P	2-1/2" (63 mm)	2-1/2" (63 mm)
350	3'' (76 mm)	3" (76 mm)
500	4'' (102 mm)	4" (102 mm)
HR	3'' (76 mm)	2-1/2" (63 mm)

Drop Kit Installation

- 1. Wrap the rotary slide over the outlet hole and around the auger tube. Position the slides with cut-out facing in the same direction for all drops so that the slides will operate the same when the ropes are pulled.
- 2. Thread the rope through the ends of the rotary slide as shown in *Figure 5M* and tie the slide ends together so that the ends of the rope are the same length.

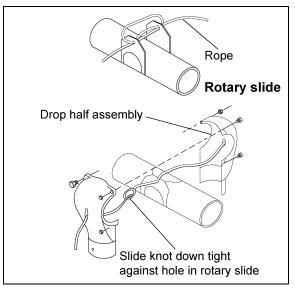


Figure 5M Drop Kit Installation

- 3. Slide rope through molded guide holes in drop halves.
- 4. Position the drop halves around the rotary slide and attach both halves together with the hardware provided as shown in *Figure 5N*.

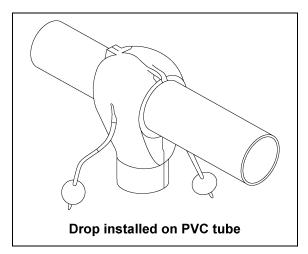


Figure 5N

- 5. Test the rotary slide. Pull on one rope at a time. Check the rotary slide to be sure it is centered over the outlet hole.
- 6. Slide the rotary slide to its open position by pulling the appropriate rope. Mark the short rope end at the point where it enters the guide hole. Tie a knot on the rope at the mark. The location of the knot will show at a glance if the slide is open or closed.

Drop Kit Installation (Continued)

- 7. Thread the short rope end through the red ball and tie a knot in the rope to hold the ball in place. Install the green ball the same way on the other rope end.
- 8. Apply a small amount of PVC cement around the drop to prevent it from moving around on the auger tube.
- 9. Two (2) screws are supplied for attaching an optional drop tube. *(See Figure 5N on Page 22.)* Use both screws to attach the drop tube securely to the drop kit.

Kwik-Attach Drop Kit Installation

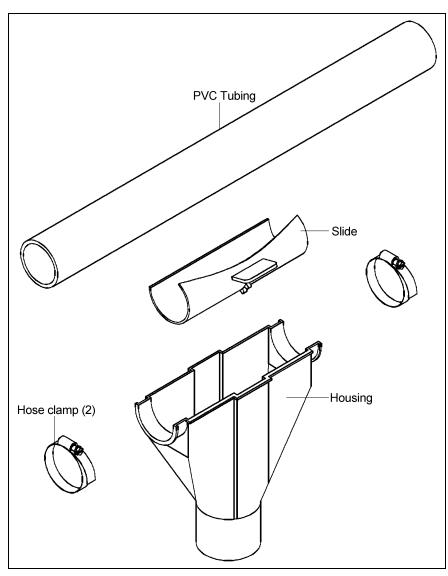


Figure 50 Kwik-Attach Drop Kit Installation

- 1. Snap the slide around the tube over the outlet hole. (See Figure 50.)
- 2. Fasten the housing to the tube using two (2) hose clamps. Make sure the outlet hole is in the middle of the housing.
- 3. Slide can be rotated from side to side to open and close the drop kit.

Power Unit and Control Unit



The safety switch on the control unit is provided as a backup switch in case the hopper level or the drop tube switch does not operate properly. This switch is not intended to be used for controlling the Flex-Flo System, but as a safety backup switch only.

Flex-Flo offers two (2) different types of power units, direct drive unit and belt drive power unit, along with the control unit. Installation instructions are provided with each power unit.

Horsepower requirements are based on length, type of Flex-Flo System installed, number of turns, tandem systems etc. *Table below* shows maximum line lengths for Flex-Flo Systems plus maximum lengths for extensions hopper installing, using various power units.

Reduction of the maximum line lengths in the chart should be allowed for if the system's incline is greater than 45° and/or the rise of the system is higher than 8' (2.44 m). For each additional 90° (2 elbows) used beyond chart, reduce the maximum line length for each drive unit by 30' (9.14 m). For each straight-out to straight-through tandem system, decrease the maximum line length for each drive unit size by 50' (15.24 m).



Figure 5P

		Model 22	0	Model 30	0 and 300P	Мос	del 350	Model 500		Model HR				
Motor Size	Max. Length	Max. Extension	Model 220 Extended Pitch	Max. Length	Max. Extension	Max. Length	Max. Max. Max. Extension Length Extension	Max. Extension	Max. Length	Max. Extension	Max. Length	Max. Extension		
1/3 HP	150'	180'		-	-	-	-	Dry feed stuffs		High-mois	ture systems	-	-	
0.246 kW	46 m	91 m		-	-	-	-	moistu	moisture levels				-	-
1/2 HP	250'	300'	300'	80'	80'	30'	65'	below 18%		ow 18% 18%-27%		30'	50'	
0.373 kW	24 m	38 m	38 m	24 m	38 m	9 m	20 m					7.6 m	12.7 m	
3/4 HP	-	-	400'	150'	150'	90'	90'	50'	50'	25'	25'	90'	90'	
0.559 kW	-	-		46 m	56 m	27 m	38 m					20.3 m	25.4 m	
1 HP	-	-		200'	245'	150'	185'	100'	100'	50'	65'	150'	180'	
0.746 kW	-	-		61 m	75 m	46 m	56 m					38.1 m	457 m	
1-1/2 HP	-	-		-	-	-	-	150'	180'	75'	90'	-	-	
	-	-		-	-	-	-					-	-	

The maximum length is for a system with three (3) elbows.

Direct Drive Power Unit/Control Unit

- 1. Bolt the tube anchor to the control unit body with a flat washer on each of the four (4) 5/16" x 3/4" bolts. (See Figure 5Q for more details.)
- 2. Slide the driver assembly onto the power unit drive shaft. Place the 5/16" hex socket bolt (supplied with the driver assembly) into the untapped hole of the driver through the drive shaft and tighten the bolt into threaded portion of the driver.
- 3. Mount the control unit to the gearbox unit with four (4) 5/16" x 3/4" bolts and four (4) flat washers, which are supplied with the power unit. (See Figure 5R.)

NOTE: Gearbox is shipped without oil. Fill with 15 oz. of 80W 90 gear lube part # FLX-4471.

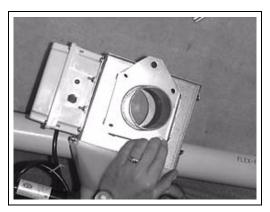


Figure 5Q Assembly of Tube Anchor to the Control Unit

- 4. The control unit and power unit require hard wiring. The supply line wires into L1 and L2/N of the relay in the control unit. The motor leads wire into the M1 and M2 of the relay in the control unit. Auxiliary switch is wired into the male and female spade terminal of the control unit. (See Wiring Diagram on Pages 49-52.)
- 5. Slide and clamp a tube coupler on the tube anchor.
- 6. Attach the power/control unit to the Flex-Flo tubing.
- 7. Suspend power/control unit firmly from the ceiling as shown in *Figure 5S*. Support holes are provided on the power unit and the control unit.



Figure 5R Assembly of the Control Unit to the Drive Unit

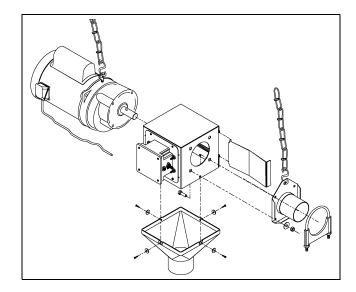


Figure 5S Direct Drive/Power Unit

Belt Drive Power/Control Unit

- 1. Bolt the tube anchor to the control unit body with a flat washer on each of the four (4) 5/16" x 3/4" bolts. (See Figure 5Q on Page 25 for more details.)
- 2. Insert the driver shaft through the bearing assembly. The bearing mounting plate should be mounted in between. Tighten the set screw on the bearing down to the shaft.
- 3. Bolt the two (2) mounting brackets together with the four (4) bolts and washers provided.
- 4. Attach the motor support assembly to the control unit with the four (4) bolts already in the mounting bracket and belt guard. Secure with the four (4) lock washers and hex nuts provided. If necessary, motor orientation can be reversed by rotating the motor mount 180°.
- 5. Slide and clamp a tube coupler on the anchor.

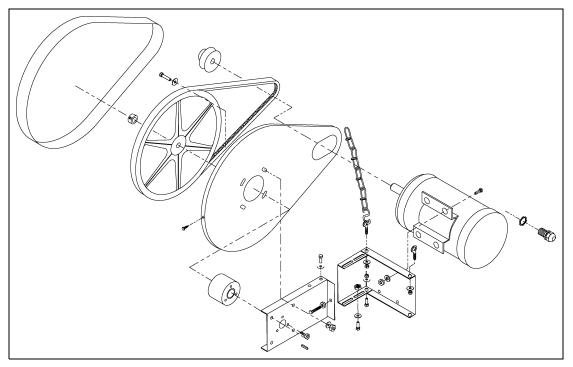


Figure 5T Belt Drive/Power Unit

- 6. Mount the motor onto the motor mount base with four (4) bolts and washers.
- 7. Mount the belt pulleys. The two (2) pulleys must be positioned in line with each other to prevent from binding the belt.
- 8. Install the belt.
- 9. Adjust the belt tension by extending and retracing the two (2) mounting brackets. Resecure the bolts after adjustment.
- 10. Install belt guard cover.
- 11. Attach the power/control unit to the Flex-Flo tubing.
- 12. Suspend the power/control unit firmly from the ceiling using the chains provided.
- 13. The control unit and the power unit must be wired as shown in the Wiring Diagram on Pages 49-52.
- 14. Install the auger.

Auger

The auger should be handled with great care. Do not install the auger until the kinks have been removed. The kink may be removed by straightening the auger. A kink may cause extensive wear on the system and premature part replacement. In the event that the kink cannot be removed by straightening, the kink must be cut-out and the auger welded. (See brazing recommendations in *Figure 5X on Page 28*.)



Figure 5U

Auger Installation

Two (2) persons are required to install the auger. One person feeds the auger into the tubing while the other makes sure the auger is not damaged. Make sure no metal wires or loose ends enter the system.

- 1. The auger must be fed into the Flex-Flo System through the unloader. Remove the anchor from the unloader. Remove the control unit cover plate as well.
- 2. Feed the auger carefully into the Flex-Flo System through the unloader. Remove the anchor from the unloader and remove the control unit cover plate.
- 3. Push the auger in until it reaches the control unit at the other end. Fasten the end of the auger to the clamp pin in the control unit driver assembly. Tighten the 5/16" hex head cap screw holding the auger lock clamp pin to 23 ft-lbs. If the auger end is not in the appropriate orientation for connection, the driver assembly may be rotated by turning the motor drive shaft.
- 4. Pull and release the free end of the auger gently a few times. This action should relax the auger into its natural position.
- 5. A certain mechanical stress must be applied when installing the auger; therefore stretching the auger is very important. This is performed by drawing the auger out of the tubing. An important factor is the total system length. The auger should be drawn out of the tubing 2" (5 cm) for every 50' (15 m) of length for single feed tanks. For tandem systems, stretch the auger 4" (10 cm) for every 50' (15 m) of length. (See Figure 5V.)
- 6. While the auger is in the relaxed state, mark the auger at the unloader inlet.

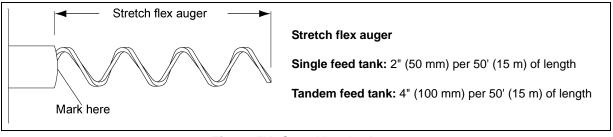


Figure 5V Stretching the Auger

Auger Installation (Continued)

- 7. Draw the auger out of the tubing as far as required. Measure the length between the mark and the unloader inlet. Mark the auger again at the unloader inlet when properly stretched. (See Figure 5V on Page 27.) Stretching the auger too far will cause premature wear at the inside bends of the PVC tubing. Stretching the auger not far enough will cause premature wear at the outside bends of the PVC tubing.
- 8. For ease of trimming the auger, pull the auger out an additional 8" (20 cm) past the mark and clamp it at the unloader. This clamping releases tension at the mark and thus eases cutting. (See Figure 5W.)
- 9. Twist the unloader anchor into the auger and clasp the auger end in the clamp pin.
- 10. Mount the anchor in the unloader.
- 11. Place the cannonball inside the unloader.
- 12. Mount the cover on the control unit.
- 13. Place the inspection/clean-out plate in the unloader.

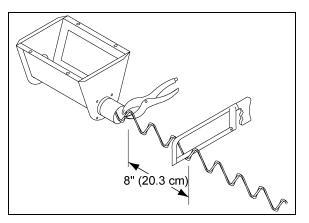
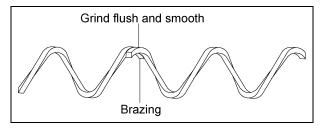
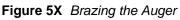


Figure 5W Cutting the Auger

Brazing the Auger

- 1. Make sure both ends are cleaned.
- 2. Position the auger in an angle iron and clasp it securely to align it for brazing. (See Figure 5X.)
- 3. Braze both ends together. Use a bronze flux-coated rod. Make sure the auger does not get too hot which might cause the auger to warp.
- 4. After the brazing is performed, the joint should be allowed to air cool.
- 5. Once the auger has cooled, install the auger with the brazed joint closer to the power unit.





Extension Hopper Installation

1. To ease the installation, mount the extension hopper top section to the Flex-Flo tubing.

NOTE: A. Slide the tube clamp on the hopper tube anchor prior to attaching it to the tubing.

- B. Make certain when mounting the power unit and the tubing that they are attached to the access slide side. When mounted in this orientation, the incoming auger is positioned as far away as possible to allow the upper control switch to operate properly.
- 2. Suspend the top section from the ceiling as shown in *Figure 5Y*. Support holes are provided on the top section for mounting. When mounting, make allowance for future adjustments of the top section after the bottom section has been connected.
 - **NOTE:** Any additional support given to the extension hopper makes for a more solid system and is desirable. Take special care if or when the support is modified that the operation of the system and the ability to do a general maintenance are not hindered.
- 3. Mount the unloader under the control unit. The control unit should be assembled together prior to mounting. This assembly includes the driver assembly. Suspend the control unit firmly from the ceiling. Support holes are provided on the tube anchor.

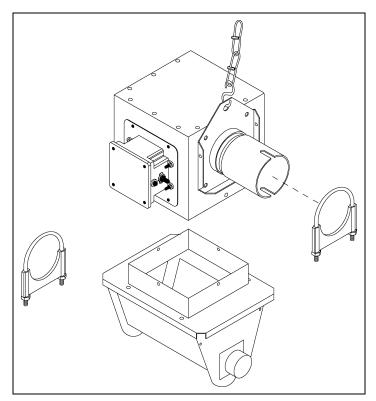


Figure 5Y Extension Hopper

- 4. Fasten the end of the auger to the anchor in the control unit driver assembly. Tighten the 5/16" hex head cap screw holding the auger lock clamp pin to 23 ft-lbs. If the auger end is not in the appropriate orientation for connection, the driver assembly may be rotated by either turning the motor shaft with a wrench or by turning the large pulley to rotate the driver assembly.
- 5. Remove the anchor assembly and the rear access panel from the bottom section of the extension hopper. Mount the bottom section to the top section with 1/4"-20 machine screws provided with the hopper. The bottom section may be mounted in three (3) various directions. (See Figure 5Z on Page 30.)

Extension Hopper Installation (Continued)

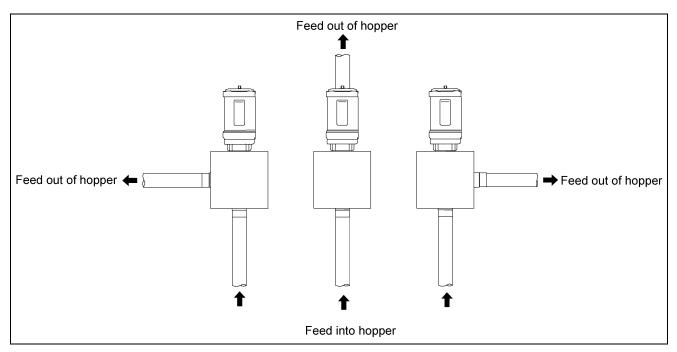


Figure 5Z Extension Mounting Directions

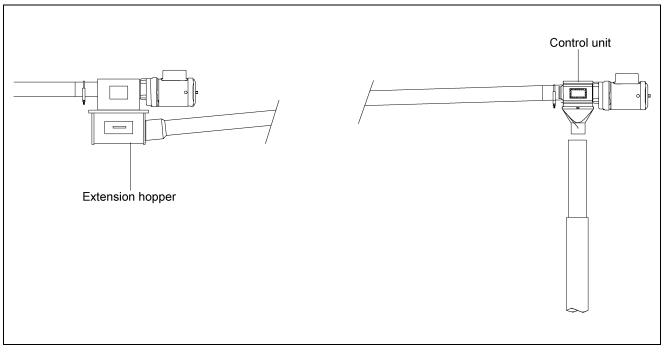


Figure 5AA Extension System

- 6. Install the auger for the system that is connected from the tank(s) to the extension hopper. Install as a standard system. The auger for the second part of the system should connect to the power/control unit at the other end.
- 7. Clamp the auger ends to their applicable anchors and mount the bearing assemblies in place.

8. The extension unit switch should actuate prior to "bottoming out" when pressed in and return back to its original position after it is released.



Figure 5AB

Operation Guidelines

- 1. Open the unloader slide completely for the delivery system operation except on tandem system.
- 2. Do not operate the Flex-Flo System empty. Utilize a time clock with the system whenever possible because:
 - A. It lessens short cycling by operating on a set schedule versus on demand.
 - B. It prohibits the system from running excessively when empty if the tank should go dry. When the optional unloader switch is used, it should be wired so that if the feed tank goes empty the power unit will stop.
- 3. The time clock should be programmed to start the Flex-Flo System often. By running the system often, long running periods are eliminated and the feeders are kept full. When the Flex-Flo System is used for filling poultry feeders, a time clock should be utilized to ensure that all feeders are filled at the same time. The Flex-Flo System will have a better opportunity to keep up. Position the hopper level control low in the last hopper.
- 4. A safety switch is provided on the control unit to trip out the motor in the event that feed is packed inside. If feed does get packed, dislodge the feed from the drop tube and clean-out the inside of the control unit which will allow the switch to close. The hopper level control needs to maintain vertical positioning to keep the paddle swinging freely. Check the adjustment regularly. The control unit safety switch does not replace the hopper level control.
- 5. When the Flex-Flo System is used to convey high-moisture feed, the auger line should be completely emptied after each running to prevent feed from jamming in the tubes.
- 6. Operate the manual outlets several times each week to free them of feed debris.
- 7. The restrictor on the unloader anchor controls the feed that is flowing into the auger. When starting a new system, the restrictor should be installed at full length and flush with the front of the unloader. Permit the system to polish out the inside of the tubing before modifying the feed flow. When the restrictor tube is in the unloader, maximum restriction is reached. When increased feed flow is desired, the length of the restrictor tube should be decreased.

5. Installation

- 8. When a multi-story building is supplied by one auger solely, obtain total drop-out at each outlet. A time clock MUST be utilized to ensure that all of the feeders are filled at the same time. In the last hopper on every level, install a hopper level control.
- 9. With the straight-through tandem system, open only one tank slide at a time when feeding. Operating the system with both unloader slides open is not recommended since horsepower consumption increases considerably.

		Minimum Allowable Wire Size					
Motor HP	Full Load Amps	In Cable, Cor	nduit or Earth	Overhead in Air			
		Type: R, T, W Type: RH, RHW, THW		Bare and Covered Conductors			
1/2	4.9	12	12	10			
3/4	6.9	12	12	10			
1	8.0	12	12	10			
1-1/2	10.0	12	12	10			

Wire Size by Type

Copper conductors, 1 Phase 230V, 3% voltage drop.

In case of conductors supplying several motors on one (1) circuit, the wire size is determined by taking 125% of the full load current of the largest motor and 100% for all others.

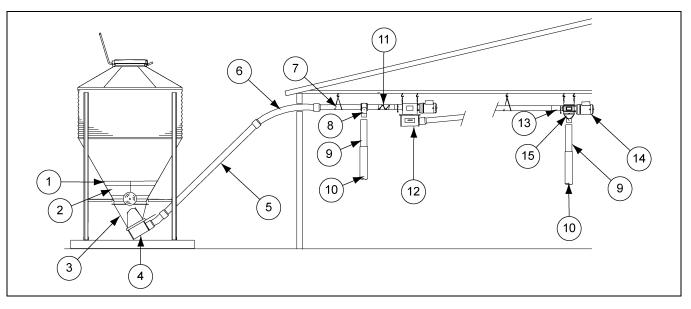
	Length of run - Ft. (m)														
Motor	50	75	100	150	200	250	300	350	400	500	600	700	800	900	1000
Size	(15)	(22.5)	(30)	(45)	(60)	(75)	(90)	(105)	(120)	(150)	(180)	(210)	(240)	(270)	(300)
1/2 HP	12	12	12	12	12	12	12	12	12	10	10	8	8	8	8
3/4 HP	12	12	12	12	12	12	12	10	10	8	8	8	6	6	6
1 HP	12	12	12	12	12	10	10	8	8	8	6	6	6	6	6
1-1/2 HP	12	12	12	10	10	8	8	8	6	6	6	6	4	4	4

Wire Size by Length of Run

NEC Sec. 225-6/: Conductors in overhead spans must be at least #10 for spans up to 50' and #8 for longer.

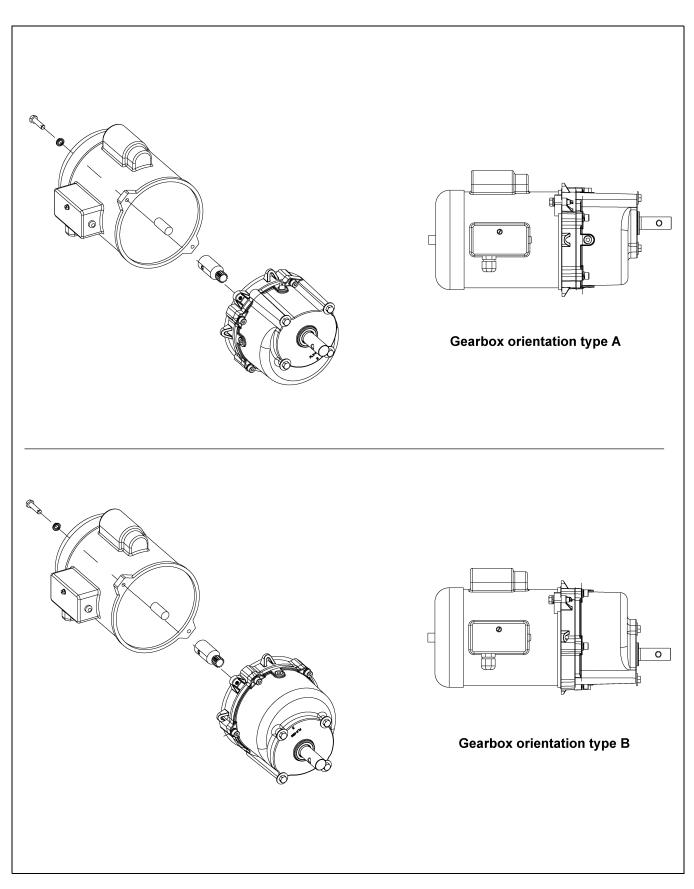
- 1. Flex-Flo Feed Line Components (See Page 34.)
- 2. Direct Drive Power Unit Assemblies (See Pages 35-37.)
- 3. Model 220 Unloader and Anchor Assembly (See Page 38.)
- 4. Model 300, 300P, 350 and HR Unloader and Anchor Assembly (See Page 39.)
- 5. Model 500 Unloader and Anchor Assembly (See Page 40.)
- 6. Direct Drive and Tube Anchor (See Page 41.)
- 7. Belt Drive and Tube Anchor (See Page 42.)
- 8. Control Unit (See Page 43.)
- 9. Belt Drive Power Unit (See Page 44.)
- 10. Direct Drive Power Unit (See Page 45.)
- 11. Drop Kit/Kwik-Attach Drop Kit (See Page 46.)
- 12. Unloader Switch (See Page 47.)
- 13. Micro Drop Tube Switch/Proximity Switch (See Page 48.)

Flex-Flo Feed Line Components



Ref #	Model 220	Model 300	Model 300P	Model 350	Model 500	Model HR	Description
1	BLK-10847	BLK-10847	BLK-10847	BLK-10847	BLK-10847	BLK-10847	16" 45° Hopper Extension Kit w/ Collar
1	BLK-10587	BLK-10587	BLK-10587	BLK-10587	BLK-10587	BLK-10587	22"-16" 60° Hopper Extension Kit w/ Hopper Collar
1	BLK-10591	BLK-10591	BLK-10591	BLK-10591	BLK-10591	BLK-10591	22"-16" 67° Hopper Extension Kit w/ Hopper Collar
3	FLX-2194	FLX-2194	FLX-2194	FLX-2194	FLX-2194	FLX-2194	16" 30° Black Plastic Boot
3	FLX-2194C	FLX-2194C	FLX-2194C	FLX-2194C	FLX-2194C	FLX-2194C	16" 30° Clear Plastic Boot
N/S	FLX-2195	FLX-2195	FLX-2195	FLX-2195	FLX-2195	FLX-2195	16" Straight Black Plastic Boot
N/S	FLX-2195C	FLX-2195C	FLX-2195C	FLX-2195C	FLX-2195C	FLX-2195C	16" Straight Clear Plastic Boot
4	FLX-4408	FLX-2243	FLX-2243	FLX-2178	FLX-2943	FLX-4773	Single-Out Unloader (No Anchor)
N/S	FLX-3937	FLX-2586	FLX-2586	FLX-2181	FLX-4743	FLX-4772	Twin-Out Unloader (No Anchor)
5	PVC-1004	PVC-1005	PVC-1005	PVC-1006	PVC-1007	PVC-1006	10' PVC Straight Tube
6	PVC-1101	PVC-1001	PVC-1001	PVC-1002	PVC-1003	PVC-1002	45° Elbow, 5' Radius (PVC-1003 is 6' Radius)
6	PVC-1000						45° Elbow, 10' Radius
7	S-4694	S-4694	S-4694	S-4694	S-4694	S-4694	#2 Weldless Chain
7	S-7313	S-7313	S-7313	S-7313	S-7313	S-7313	Screw, Eye 1/4"-20 x 3-1/2" ZN (Open Eye Screw)
8	FLX-2432	FLX-2433	FLX-2433	FLX-2434	FLX-2435	FLX-2434	Drop Kit
9	FLX-2425	FLX-2425	FLX-2425	FLX-2427	FLX-2429	FLX-2427	12' Drop Tube
10	FLX-2426	FLX-2426	FLX-2426	FLX-2428	FLX-2430	FLX-2428	6' Telescoping Drop Tube
11	FLXA-1520	FLXA-2390	FLXA-2206	FLXA-2710	FLXA-3800	FLXA-2390	Flex-Flo Auger
12	FLX-4682E	FLX-4684E	FLX-4684E	FLX-4686E	FLX-2542	FLX-4687E	Extension Unit
13	FLX-2537	FLX-2538	FLX-2538	FLX-2539	FLX-2540	FLX-2539	PVC Tube Coupler
14			Se	e Direct Drive	Power Unit As	sembly Part N	umbers on Pages 36-38.
N/S	012-1	012-1	012-1	012-1		012-1	1/2 HP Belt Drive Motor, 110/220V, 1 PH, 60 Hz, Farm Duty (5/8" Shaft)
N/S		034-1	034-1	034-1	034-1	034-1	3/4 HP Belt Drive Motor, 110/220V, 1 PH, 60 Hz, Farm Duty (5/8" Shaft)
N/S		100-1	100-1	100-1	100-1	100-1	1 HP Belt Drive Motor, 110/220V, 1 PH, 60 Hz, 1750 RPM (5/8" Shaft)
15	FLX-4496	FLX-4496	FLX-4496	FLX-4496	FLX-4497	FLX-4496	Direct Drive Control Unit, 220V
N/S	FLX-4179	FLX-4179	FLX-4179	FLX-4179	FLX-4179		Belt Drive Control Unit (No Motor)
16	FLX-2427	FLX-2427	FLX-2427	FLX-2427	FLX-2429	FLX-2427	12' Drop Tube
17	FLX-2428	FLX-2428	FLX-2428	FLX-2428	FLX-2430	FLX-2428	6' Telescoping Drop Tube

Direct Drive Power Unit Assemblies



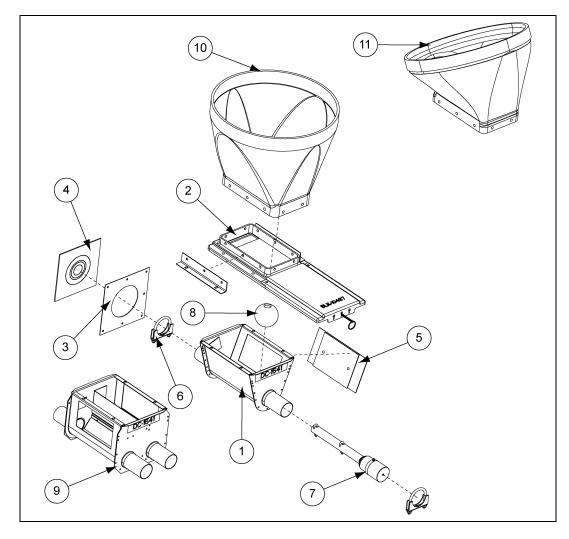
6. Parts List

Direct Drive Power Unit Gearbox Orientation Part # Description FLX-4873 FLX-4873R DDPU, 250 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-4867 FLX-4867R DDPU, 280 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-4867 FLX-4754A DDPU, 280 RPM, 1 HP, 3 PH, 50 Hz, 190/380V FLX-4645 FLX-4645R DDPU, 280 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-4645 FLX-4643R DDPU, 280 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-4643 FLX-4643R DDPU, 388 RPM, 1-172 HP, 1 PH, 60 Hz, 208-230/460V (E.P.) FLX-4043 FLX-40411PHR DDPU, 388 RPM, 1-172 HP, 1 PH, 60 Hz, 208-230/460V (E.P.) FLX-36911 FLX-3671R DDPU, 388 RPM, 1-172 HP, 1 PH, 50 Hz, 100/380V FLX-36617 FLX-3661R DDPU, 388 RPM, 1-172 HP, 1 PH, 50 Hz, 100/380V FLX-36618 DDPU, 388 RPM, 1-172 HP, 1 PH, 50 Hz, 100/380V FLX-3661R FLX-36617 DDPU, 358 RPM, 1-172 HP, 1 PH, 50 Hz, 100/380V FLX-3661R FLX-36618 DDPU, 358 RPM, 1-172 HP, 1 PH, 50 Hz, 100/280V FLX-3664 FLX-36641 FLX-36647R DDPU, 358 RPM, 1-12 HP, 1 PH, 50 Hz, 100/280V FLX-36446 FLX-36447R DDPU, 358 RPM, 1-172	Direct Drive Power Unit Assemblies Parts List							
Type A Type B Description FLX-4873 FLX-4873R DDPU, 250 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-4867 FLX-4867R DDPU, 441 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-4754 DDPU, 250 RPM, 1 HP, 3 PH, 50 Hz, 190/380V FLX-4645 FLX-4645R DDPU, 250 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-4632 FLX-4632R DDPU, 250 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-4034 FLX-4043R DDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 208-230/460V (E.P.) FLX-4034 FLX-4043R DDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 208-230/460V (E.P.) FLX-3031 FLX-3047R DDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 208-230/460V FLX-3671 FLX-3671R DDPU, 368 RPM, 1/12 HP, 3 PH, 50 Hz, 100/380V FLX-3661 FLX-3661R DDPU, 368 RPM, 1/12 HP, 3 PH, 50 Hz, 100/380V FLX-3640 FLX-3644R DDPU, 159 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-3641 FLX-3644R DDPU, 414 RPM, 1 HP, 1 PH, 60 Hz, 105/230V FLX-3644 FLX-3644R DDPU, 368 RPM, 1 HP, 1 PH, 60 Hz, 108/230V FLX-3640-600 FLX-3640-60R DDPU, 368 RPM, 1 HP, 1 PH, 60 Hz, 108/230V FLX-3640-60R DDPU, 368	Direct Drive Power Unit Gearbox Orientation							
Type A Type B FLX-4873 FLX-4873R DDPU, 250 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-4877 FLX-4867R DDPU, 441 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-4754 FLX-465R DDPU, 250 RPM, 1 HP, 3 PH, 50 Hz, 190/380V FLX-4645 FLX-4632R DDPU, 250 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-455 FLX-4355R DDPU, 358 RPM, 11/2 HP, 3 PH, 60 Hz, 208-230/460V (E.P.) FLX-4041-1PH FLX-4043R DDPU, 358 RPM, 11/2 HP, 3 PH, 60 Hz, 208-230/460V (E.P.) FLX-3617 DDPU, 358 RPM, 11/2 HP, 3 PH, 60 Hz, 208-230/460V (E.P.) FLX-3617 FLX-3671R DDPU, 358 RPM, 11/2 HP, 1 PH, 50 Hz, 110/220V FLX-3661 FLX-3670R DDPU, 358 RPM, 11/2 HP, 1 PH, 50 Hz, 110/220V FLX-3661 FLX-3641R DDPU, 358 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-3641 FLX-3641R DDPU, 358 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-3641 FLX-3641R DDPU, 358 RPM, 1 HP, 3 PH, 60 Hz, 105/20V FLX-3641 FLX-3641R DDPU, 368 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-3641 FLX-3644R DDPU, 368 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-36420 FLX-3644R DD		Part #						
FLX-4867 FLX-467R DDPU, 441 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-4754 FLX-4754R DDPU, 288 RPM, 1 HP, 3 PH, 50 Hz, 190/380V FLX-464S FLX-464SR DDPU, 250 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-4632 FLX-4632R DDPU, 358 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-4043 FLX-4043R DDPU, 358 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V (E.P.) FLX-4043 FLX-40471-PHR DDPU, 358 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V (E.P.) FLX-3011 FLX-30471R DDPU, 358 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V (E.P.) FLX-3670 FLX-3671R DDPU, 368 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-3661 FLX-3661R DDPU, 368 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-3661 FLX-3644R DDPU, 368 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-3644 FLX-3644R DDPU, 368 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-3640-50 FLX-3644R DDPU, 368 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-3641 FLX-3644R DDPU, 368 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-3642 FLX-3644R DDPU, 368 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-36445 DDPU, 368 RPM, 1 HP, 1 PH, 50 Hz, 110/220V	Туре А	Туре В	Description					
FLX-4754 FLX-4754R DDPU, 298 RPM, 1 HP, 3 PH, 50 Hz, 190/380V FLX-4646 FLX-4645R DDPU, 250 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-4632 FLX-4632R DDPU, 250 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-4355 FLX-4632R DDPU, 358 RPM, 11-12 HP, 3 PH, 60 Hz, 208-230/460V (E.P.) FLX-4043 FLX-4043R DDPU, 358 RPM, 11-12 HP, 3 PH, 60 Hz, 208-230/460V (E.P.) FLX-3011 FLX-3671R DDPU, 358 RPM, 11-12 HP, 3 PH, 50 Hz, 190/380V FLX-3670 FLX-3661R DDPU, 368 RPM, 11-12 HP, 1 PH, 50 Hz, 190/380V FLX-3661 FLX-3661R DDPU, 368 RPM, 11-12 HP, 1 PH, 50 Hz, 100/220V FLX-3644 FLX-3661R DDPU, 368 RPM, 11-12 HP, 1 PH, 50 Hz, 100/220V FLX-3644 FLX-3647R DDPU, 156 RPM, 11-19, 3 PH, 60 Hz, 208-230/460V FLX-3644 FLX-3647R DDPU, 150 RPM, 11-19, 3 PH, 60 Hz, 208-230/460V FLX-3640-50R DDPU, 411 RPM, 11-1, 21 PH, 1 PH, 60 Hz, 115/230V FLX-3640-50R DDPU, 368 RPM, 11-12 HP, 3 PH, 60 Hz, 208-230/460V FLX-3640-50R DDPU, 368 RPM, 11-12 HP, 3 PH, 60 Hz, 208-230/460V FLX-3640-50R DDPU, 368 RPM, 11-12 HP, 3 PH, 60 Hz, 109/230V FLX-3640-50R DDPU, 368 RPM,	FLX-4873	FLX-4873R	DDPU, 250 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V					
FLX-4645 FLX-4645R DDPU, 250 RPM, 1 HP, 3 PH, 50 Hz, 190/380V FLX-4632 FLX-4632R DDPU, 250 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-4355 FLX-4355R DDPU, 358 RPM, 11/2 HP, 3 PH, 60 Hz, 208-230/460V (E.P.) FLX-4043 FLX-4043R DDPU, 358 RPM, 11/P, 3 PH, 60 Hz, 208-230/460V (E.P.) FLX-4041-1PH FLX-4041-1PHR DDPU, 358 RPM, 12 HP, 1 PH, 60 Hz, 208-230/240V (E.P.) FLX-3671 FLX-3011R DDPU, 358 RPM, 11/P, 3 PH, 60 Hz, 208-230/240V (E.P.) FLX-3671 FLX-3671R DDPU, 358 RPM, 11/P, 3 PH, 50 Hz, 190/380V FLX-3661 FLX-3661R DDPU, 368 RPM, 11/P, 3 PH, 50 Hz, 190/380V FLX-3664 FLX-3641R DDPU, 158 RPM, 11/P, 3 PH, 60 Hz, 208-230/460V FLX-3644 FLX-3644R DDPU, 368 RPM, 11/P, 1 PH, 50 Hz, 110/220V FLX-3640-60 FLX-3644R DDPU, 368 RPM, 11/P, 1 PH, 60 Hz, 208-230/460V FLX-3640-60 FLX-3640-80R DDPU, 368 RPM, 11/P, 1 PH, 50 Hz, 110/220V FLX-3640-50 FLX-3645R DDPU, 368 RPM, 11/P, 1 PH, 50 Hz, 100/380V FLX-3546 FLX-3645R DDPU, 358 RPM, 172 HP, 3 PH, 60 Hz, 208-230/460V FLX-3552 FLX-3555R DDPU, 358 RPM, 172 HP, 3 PH, 60 Hz,	FLX-4867	FLX-4867R	DDPU, 441 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V					
FLX-4632 FLX-4632R DDPU, 250 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-4355 FLX-4355R DDPU, 358 RPM, 1-1/2 HP, 3 PH, 60 Hz, 208-230/460V (E.P.) FLX-4043 FLX-4043R DDPU, 358 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V (E.P.) FLX-4041-1PH FLX-4041-1PHR DDPU, 358 RPM, 1 HP, 3 PH, 60 Hz, 208-230/240V (E.P.) FLX-36717 FLX-3671R DDPU, 368 RPM, 1 HP, 3 PH, 60 Hz, 208-230/240V (E.P.) FLX-3661 FLX-3670R DDPU, 368 RPM, 1 HP, 3 PH, 50 Hz, 190-380/440V FLX-3661 FLX-3661R DDPU, 368 RPM, 1 HP, 3 PH, 50 Hz, 110/220V FLX-3661 FLX-3640R DDPU, 388 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-3644 FLX-3644R DDPU, 431 RPM, 11/2 HP, 1 PH, 50 Hz, 110/220V FLX-3640-60 FLX-3640-60R DDPU, 441 RPM, 1 HP, 1 PH, 60 Hz, 115/230V FLX-3640-60 FLX-3640-60R DDPU, 368 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3555 FLX-3562R DDPU, 368 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3540-50 FLX-3543R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3544 FLX-3543R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-35458 FLX-35458R DDPU, 358	FLX-4754	FLX-4754R	DDPU, 298 RPM, 1 HP, 3 PH, 50 Hz, 190/380V					
FLX-4355 FLX-4355R DDPU, 358 RPM, 1-1/2 HP, 3 PH, 60 Hz, 600V FLX-4043 FLX-4043R DDPU, 358 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V (E.P.) FLX-4041-1PH FLX-4041-1PHR DDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 208-230/240V (E.P.) FLX-3911 FLX-3671R DDPU, 358 RPM, 1 HP, 3 PH, 60 Hz, 600V FLX-3670R DDFU, 368 RPM, 1 HP, 3 PH, 50 Hz, 190-380/440V FLX-3661 FLX-36670R DDPU, 368 RPM, 1 HP, 3 PH, 50 Hz, 190-380/460V FLX-3661 FLX-36670R DDPU, 368 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-3644 FLX-3644R DDPU, 156 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-3644 FLX-3644R DDPU, 458 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-3644 FLX-3644R DDPU, 441 RPM, 1 HP, 1 PH, 60 Hz, 115/230V FLX-3644 FLX-3644R DDPU, 441 RPM, 1 HP, 1 PH, 60 Hz, 115/230V FLX-3640-60 FLX-3640-50R DDPU, 368 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3642 FLX-36448 DDPU, 368 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3555 FLX-36478 DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3548 DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3549	FLX-4645	FLX-4645R	DDPU, 250 RPM, 1 HP, 3 PH, 50 Hz, 190/380V					
FLX-4043 FLX-4043R DDPU, 358 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V (E.P.) FLX-4041-1PH FLX-3911R DDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 208-230/240V (E.P.) FLX-3911 FLX-3911R DDPU, 358 RPM, 1 HP, 3 PH, 60 Hz, 600V FLX-3671 FLX-3670R DDPU, 368 RPM, 1-1/2 HP, 3 PH, 50 Hz, 190-380/440V FLX-3670 FLX-3661R DDPU, 368 RPM, 1-1/2 HP, 3 PH, 50 Hz, 190/380V FLX-3652 FLX-3661R DDPU, 358 RPM, 1-1/2 HP, 1 PH, 50 Hz, 110/220V FLX-3644 FLX-3644R DDPU, 368 RPM, 1-1/2 HP, 1 PH, 60 Hz, 208-230/460V FLX-3641 FLX-3644R DDPU, 456 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-3644 FLX-3644R DDPU, 441 RPM, 1-1/2 HP, 1 PH, 60 Hz, 115/230V FLX-3640-60 FLX-3640-70R DDPU, 441 RPM, 1-1/2 HP, 1 PH, 60 Hz, 105/230V FLX-3640-60 FLX-3640-70R DDPU, 368 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3552 FLX-3652R DDPU, 368 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3552 FLX-3543R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-35438 FLX-35438R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-35438 FLX-35438R DDPU, 358 RPM, 1/2 HP,	FLX-4632	FLX-4632R	DDPU, 250 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V					
FLX-4041-1PH FLX-4041-1PHR DDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 208-230/240V (E.P.) FLX-3911 FLX-3911R DDPU, 358 RPM, 1 HP, 3 PH, 60 Hz, 208-230/240V (E.P.) FLX-3670 FLX-3671R DDPU, 368 RPM, 1 HP, 3 PH, 50 Hz, 190/380V FLX-3670 FLX-3670R DDPU, 368 RPM, 1 HP, 3 PH, 50 Hz, 190/380V FLX-36611 FLX-3661R DDPU, 368 RPM, 1 HP, 3 PH, 50 Hz, 100/280V FLX-36641 FLX-3661R DDPU, 368 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-3644 FLX-3644R DDPU, 156 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-3641 FLX-3641R DDPU, 441 RPM, 1 HP, 1 PH, 60 Hz, 115/230V FLX-3640-60 FLX-3640-60R DDPU, 441 RPM, 1 HP, 1 PH, 60 Hz, 208-230/460V FLX-3652 FLX-3652R DDPU, 368 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3655 FLX-3555R DDPU, 368 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3552 FLX-3552R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3549BA FLX-3543R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3543 FLX-3543R DDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460V FLX-3543 FLX-3543R DDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 20	FLX-4355	FLX-4355R	DDPU, 358 RPM, 1-1/2 HP, 3 PH, 60 Hz, 600V					
FLX:3911 FLX:3911R DDPU, 358 RPM, 1 HP, 3 PH, 60 Hz, 600V FLX:3671 FLX:3671R DDPU, 368 RPM, 1-1/2 HP, 3 PH, 50 Hz, 190:380/440V FLX:3670 FLX:3670R DDPU, 368 RPM, 1 HP, 3 PH, 50 Hz, 190:380/V FLX:3661 FLX:3661R DDPU, 368 RPM, 1 HP, 3 PH, 50 Hz, 110/220V FLX:3652 FLX:3652R DDPU, 539 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX:3644 FLX:3644R DDPU, 156 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX:3644 FLX:3644R DDPU, 414 RPM, 1 HP, 1 PH, 60 Hz, 115/230V FLX:3640-60 FLX:3640-60R DDPU, 414 RPM, 1 HP, 1 PH, 60 Hz, 115/230V FLX:3640-60 FLX:3640-50R DDPU, 368 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX:3640 FLX:3642R DDPU, 368 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX:3552 FLX:3552R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX:3549 FLX:3549R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX:3549 FLX:3549R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX:3543 FLX:3543R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX:3543 FLX:3543R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V <td>FLX-4043</td> <td>FLX-4043R</td> <td>DDPU, 358 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V (E.P.)</td>	FLX-4043	FLX-4043R	DDPU, 358 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V (E.P.)					
FLX-3671 FLX-3671R DDPU, 368 RPM, 1-1/2 HP, 3 PH, 50 Hz, 190-380/440V FLX-3670 FLX-3670R DDPU, 368 RPM, 1 HP, 3 PH, 50 Hz, 190/380V FLX-3661 FLX-3661R DDPU, 368 RPM, 1-1/2 HP, 1 PH, 50 Hz, 110/220V FLX-3662 FLX-3652R DDPU, 539 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-3644 FLX-3644R DDPU, 156 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-3644 FLX-3640-60R DDPU, 441 RPM, 1-1/2 HP, 1 PH, 60 Hz, 115/230V FLX-3640-50 FLX-3640-60R DDPU, 368 RPM, 1 HP, 1 PH, 60 Hz, 115/230V FLX-3640-50 FLX-3640-50R DDPU, 368 RPM, 1 HP, 1 PH, 60 Hz, 115/230V FLX-3640-50 FLX-3640-50R DDPU, 368 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3552 FLX-3552R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3549BA FLX-3549R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3549 FLX-3543R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3543 FLX-3543R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3543 FLX-3543R DDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460V FLX-3543 FLX-3543R DDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 110	FLX-4041-1PH	FLX-4041-1PHR	DDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 208-230/240V (E.P.)					
FLX:3670 FLX:3670R DDPU, 368 RPM, 1 HP, 3 PH, 50 Hz, 190/380V FLX:3661 FLX:3661R DDPU, 368 RPM, 1-1/2 HP, 1 PH, 50 Hz, 110/220V FLX:3652 FLX:3652R DDPU, 153 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX:3644 FLX:3644R DDPU, 156 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX:3640 FLX:3640-60R DDPU, 441 RPM, 1-1/2 HP, 1 PH, 60 Hz, 115/230V FLX:3640-60 FLX:3640-60R DDPU, 441 RPM, 1 HP, 1 PH, 50 Hz, 115/230V FLX:3640-50 FLX:3640-60R DDPU, 368 RPM, 1 HP, 1 PH, 50 Hz, 110/220V FLX:362 FLX:3652R DDPU, 368 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX:3555 FLX:3552R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX:3552 FLX:35548 DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX:3549BA FLX:3549R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX:3543BA FLX:3543R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX:3543BA FLX:3543R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX:3543BA FLX:3543R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX:3543BA FLX:3543R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 10/200	FLX-3911	FLX-3911R	DDPU, 358 RPM, 1 HP, 3 PH, 60 Hz, 600V					
FLX-3661 FLX-3661R DDPU, 368 RPM, 1-1/2 HP, 1 PH, 50 Hz, 110/220V FLX-3652 FLX-3652R DDPU, 539 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-3644 FLX-3644R DDPU, 156 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-3640 FLX-3641R DDPU, 441 RPM, 1-1/2 HP, 1 PH, 60 Hz, 115/230V FLX-3640-60 FLX-3640-60R DDPU, 441 RPM, 1 HP, 1 PH, 60 Hz, 115/230V FLX-3640-50 FLX-3640-50R DDPU, 368 RPM, 1/2 HP, 3 PH, 60 Hz, 10/220V FLX-3652 FLX-3632R DDPU, 368 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3555 FLX-3555R DDPU, 358 RPM, 1-1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3549A FLX-3549R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3549BA FLX-3549R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3549BA FLX-3543R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3543BA FLX-3543R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3543BA FLX-3543R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3543BA FLX-3543R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3543BA FLX-3543R DDPU, 358 RPM, 1/2 HP, 3 PH, 6	FLX-3671	FLX-3671R	DDPU, 368 RPM, 1-1/2 HP, 3 PH, 50 Hz, 190-380/440V					
FLX-3652 FLX-3652R DDPU, 539 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-3644 FLX-3644R DDPU, 156 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-3641 FLX-3641R DDPU, 441 RPM, 1-1/2 HP, 1 PH, 60 Hz, 115/230V FLX-3640-60 FLX-3640-60R DDPU, 441 RPM, 1 HP, 1 PH, 60 Hz, 115/230V FLX-3640-50 FLX-3640-50R DDPU, 368 RPM, 1 HP, 1 PH, 50 Hz, 110/220V FLX-3632 FLX-3632R DDPU, 368 RPM, 1/2 HP, 3 PH, 50 Hz, 100/380V FLX-3555 FLX-3555R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3552 FLX-3552R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3549BA FLX-3549R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3543BA FLX-3543R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3543BA FLX-3543R DDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460V FLX-3543BA FLX-3543R DDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460V FLX-3543BA FLX-3543R DDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460V FLX-3543BA FLX-3543R DDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460V FLX-3543BA FLX-3543R DDPU, 368 RPM, 1/2 HP, 3 PH, 60 Hz	FLX-3670	FLX-3670R	DDPU, 368 RPM, 1 HP, 3 PH, 50 Hz, 190/380V					
FLX-3644 FLX-3644R DDPU, 156 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-3641 FLX-3641R DDPU, 441 RPM, 1-1/2 HP, 1 PH, 60 Hz, 115/230V FLX-3640-60 FLX-3640-60R DDPU, 441 RPM, 1 HP, 1 PH, 60 Hz, 115/230V FLX-3640-50 FLX-3640-50R DDPU, 368 RPM, 1 HP, 1 PH, 50 Hz, 110/220V FLX-3632 FLX-3632R DDPU, 368 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3555 FLX-3555R DDPU, 358 RPM, 1-1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3549BA FLX-3549BAR DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3549 FLX-3549R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3549 FLX-3549R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3548 FLX-3549R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3543 FLX-3548R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3543 FLX-3548R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3543 FLX-3543R DDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460V FLX-3543 FLX-3537 DDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 10/200V FLX-3533 FLX-3537R DDPU, 296 RPM, 1/2 HP, 3 PH, 60 Hz, 10/200	FLX-3661	FLX-3661R	DDPU, 368 RPM, 1-1/2 HP, 1 PH, 50 Hz, 110/220V					
FLX-3641 FLX-3641 R DDPU, 441 RPM, 1-1/2 HP, 1 PH, 60 Hz, 115/230V FLX-3640-60 FLX-3640-60R DDPU, 441 RPM, 1 HP, 1 PH, 60 Hz, 115/230V FLX-3640-50 FLX-3640-50R DDPU, 368 RPM, 1 HP, 1 PH, 50 Hz, 110/220V FLX-3632 FLX-3632R DDPU, 368 RPM, 1/2 HP, 3 PH, 50 Hz, 190/380V FLX-3555 FLX-3555R DDPU, 358 RPM, 1-1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3552 FLX-3552R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3549BA FLX-3549BAR DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3549 FLX-3549BA DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3549 FLX-3549R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3548 FLX-3548R DDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460V FLX-3543 FLX-3543BA DDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460V FLX-3543 FLX-3543R DDPU, 296 RPM, 1/2 HP, 3 PH, 60 Hz, 109-380/460V FLX-3535 FLX-3535R DDPU, 296 RPM, 1/2 HP, 3 PH, 50 Hz, 190/380V FLX-2933-600 FLX-2933-60R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 115/230V FLX-2461-60R DDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V	FLX-3652	FLX-3652R	DDPU, 539 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V					
FLX-3640-60 FLX-3640-60R DDPU, 441 RPM, 1 HP, 1 PH, 60 Hz, 115/230V FLX-3640-50 FLX-3640-50R DDPU, 368 RPM, 1 HP, 1 PH, 50 Hz, 110/220V FLX-3632 FLX-3632R DDPU, 368 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3555 FLX-3555R DDPU, 358 RPM, 1-1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3552 FLX-3552R DDPU, 358 RPM, 1-1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3549BA FLX-3549BAR DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3549 FLX-3549R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3548 FLX-3549R DDPU, 358 RPM, 1/3 HP, 3 PH, 60 Hz, 208-230/460V FLX-3543 FLX-3543BA DDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460V FLX-3543 FLX-3543R DDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 109-380/460V FLX-3543 FLX-3535R DDPU, 296 RPM, 1-1/2 HP, 3 PH, 50 Hz, 190-380/440V FLX-3534 FLX-3534R DDPU, 296 RPM, 1-1/2 HP, 3 PH, 50 Hz, 190/380V FLX-2462 FLX-2462R DDPU, 358 RPM, 1-1/2 HP, 1 PH, 60 Hz, 115/230V FLX-2462 FLX-2462R DDPU, 358 RPM, 1-1/2 HP, 1 PH, 60 Hz, 115/230V FLX-2460-600 FLX-2460-60R DDPU, 358 RPM, 3/4 HP, 1 P	FLX-3644	FLX-3644R	DDPU, 156 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V					
FLX-3640-50 FLX-3640-50R DDPU, 368 RPM, 1 HP, 1 PH, 50 Hz, 110/220V FLX-3632 FLX-3632R DDPU, 368 RPM, 1/2 HP, 3 PH, 50 Hz, 190/380V FLX-3555 FLX-3555R DDPU, 358 RPM, 1-1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3552 FLX-3552R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3549BA FLX-3549BAR DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3549 FLX-3549R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3544 FLX-3548R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3543 FLX-3546R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3543 FLX-3543BAR DDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460V FLX-3543 FLX-3543R DDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460V FLX-3543 FLX-3535R DDPU, 296 RPM, 1-1/2 HP, 3 PH, 60 Hz, 190/380V FLX-3534 FLX-2463R DDPU, 296 RPM, 1/3 HP, 3 PH, 60 Hz, 115/230V FLX-2462 FLX-2461-60R DDPU, 358 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230V FLX-2460-60 FLX-2460-60R DDPU, 358 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230V FLX-2460-50 FLX-2459-60R DDPU, 296 RPM, 3/4 HP, 1 PH, 60 H	FLX-3641	FLX-3641R	DDPU, 441 RPM, 1-1/2 HP, 1 PH, 60 Hz, 115/230V					
FLX-3632 FLX-3632R DDPU, 368 RPM, 1/2 HP, 3 PH, 50 Hz, 190/380V FLX-3555 FLX-3555R DDPU, 358 RPM, 1-1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3552 FLX-3552R DDPU, 358 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V FLX-3549BA FLX-3549BAR DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3549BA FLX-3549R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3546 FLX-3546R DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V FLX-3543 FLX-3546R DDPU, 358 RPM, 1/3 HP, 3 PH, 60 Hz, 208-230/460V FLX-3543 FLX-3543BAR DDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460V FLX-3543 FLX-3543BAR DDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460V FLX-3543 FLX-3543R DDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460V FLX-3535 FLX-3536R DDPU, 296 RPM, 1-1/2 HP, 3 PH, 60 Hz, 190/380V FLX-3534 FLX-2463R DDPU, 358 RPM, 1/3 HP, 1 PH, 60 Hz, 115/230V FLX-2462 FLX-2462R DDPU, 358 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230V FLX-2460-60 FLX-2460-60R DDPU, 358 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230V FLX-2460-50 FLX-2460-50R DDPU, 296 RPM, 3/4 HP, 1 PH, 60 Hz	FLX-3640-60	FLX-3640-60R	DDPU, 441 RPM, 1 HP, 1 PH, 60 Hz, 115/230V					
FLX-3555FLX-3555RDDPU, 358 RPM, 1-1/2 HP, 3 PH, 60 Hz, 208-230/460VFLX-3552FLX-3552RDDPU, 358 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460VFLX-3549BAFLX-3549BARDDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460VFLX-3549FLX-3549RDDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460VFLX-3546FLX-3546RDDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460VFLX-3543BAFLX-3543BADDPU, 358 RPM, 1/3 HP, 3 PH, 60 Hz, 208-230/460VFLX-3543BAFLX-3543RDDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460VFLX-3543FLX-3543RDDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460VFLX-3543FLX-3535RDDPU, 296 RPM, 1/4 HP, 3 PH, 50 Hz, 190-380/440VFLX-3534FLX-3534RDDPU, 296 RPM, 1-1/2 HP, 3 PH, 50 Hz, 190-380/440VFLX-2933-60FLX-2933-60RDDPU, 368 RPM, 1/3 HP, 1 PH, 60 Hz, 115/230VFLX-2462FLX-2462RDDPU, 358 RPM, 1-1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2460-60FLX-2460-60RDDPU, 358 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230VFLX-2460-60FLX-2460-60RDDPU, 358 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230VFLX-2460-50FLX-2460-50RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2459-60FLX-2459-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2459-50FLX-2459-50RDDPU, 296 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2459-50FLX-2459-50RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2458-60FLX-2458-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VC2000203C2000203RDDPU, 84 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230V <td>FLX-3640-50</td> <td>FLX-3640-50R</td> <td>DDPU, 368 RPM, 1 HP, 1 PH, 50 Hz, 110/220V</td>	FLX-3640-50	FLX-3640-50R	DDPU, 368 RPM, 1 HP, 1 PH, 50 Hz, 110/220V					
FLX-3552FLX-3552RDDPU, 358 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460VFLX-3549BAFLX-3549BARDDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460VFLX-3549FLX-3549RDDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460VFLX-3546FLX-3546RDDPU, 358 RPM, 1/3 HP, 3 PH, 60 Hz, 208-230/460VFLX-3543BAFLX-3543BARDDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460VFLX-3543FLX-3543RDDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460VFLX-3543FLX-3543RDDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460VFLX-3535FLX-3535RDDPU, 296 RPM, 1-1/2 HP, 3 PH, 50 Hz, 190-380/440VFLX-3534FLX-3534RDDPU, 296 RPM, 1-1/2 HP, 3 PH, 50 Hz, 190/380VFLX-2933-60FLX-2933-60RDDPU, 296 RPM, 1/3 HP, 1 PH, 60 Hz, 115/230VFLX-2462FLX-2462RDDPU, 358 RPM, 1-1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2461-60FLX-2461-60RDDPU, 358 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230VFLX-2460-60FLX-2460-60RDDPU, 358 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230VFLX-2459-60FLX-2460-50RDDPU, 296 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230VFLX-2459-60FLX-2459-60RDDPU, 296 RPM, 3/4 HP, 1 PH, 50 Hz, 110/220VFLX-2459-50FLX-2459-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2458-60FLX-2459-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2458-60FLX-2458-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230VG200203C200203RDDPU, 358 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230VG7101557-6007101557-60RDDPU, 250 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V </td <td>FLX-3632</td> <td>FLX-3632R</td> <td>DDPU, 368 RPM, 1/2 HP, 3 PH, 50 Hz, 190/380V</td>	FLX-3632	FLX-3632R	DDPU, 368 RPM, 1/2 HP, 3 PH, 50 Hz, 190/380V					
FLX-3549BAFLX-3549BARDDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460VFLX-3549FLX-3549RDDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460VFLX-3546FLX-3546RDDPU, 358 RPM, 1/3 HP, 3 PH, 60 Hz, 208-230/460VFLX-3543BAFLX-3543BADDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460VFLX-3543FLX-3543RDDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460VFLX-3543FLX-3543RDDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460VFLX-3535FLX-3535RDDPU, 296 RPM, 1-1/2 HP, 3 PH, 60 Hz, 109-380/440VFLX-3534FLX-3534RDDPU, 296 RPM, 1-1/2 HP, 3 PH, 50 Hz, 190/380VFLX-2933-60FLX-2933-60RDDPU, 64 RPM, 1/3 HP, 1 PH, 60 Hz, 115/230VFLX-2462FLX-2462RDDPU, 358 RPM, 1-1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2461-60FLX-2461-60RDDPU, 358 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230VFLX-2460-60FLX-2460-60RDDPU, 358 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230VFLX-2460-50FLX-2460-60RDDPU, 358 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230VFLX-2459-60FLX-2459-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2459-60FLX-2459-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2459-50FLX-2459-50RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2458-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2458-60FLX-2458-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VC2000203C2000203RDDPU, 84 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230V (CU)07101557-60RDDPU, 250 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V (CU)	FLX-3555	FLX-3555R	DDPU, 358 RPM, 1-1/2 HP, 3 PH, 60 Hz, 208-230/460V					
FLX-3549FLX-3549RDDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460VFLX-3546FLX-3546RDDPU, 358 RPM, 1/3 HP, 3 PH, 60 Hz, 208-230/460VFLX-3543BAFLX-3543BADDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460VFLX-3543FLX-3543RDDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460VFLX-3543FLX-3543RDDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460VFLX-3535FLX-3535RDDPU, 296 RPM, 1-1/2 HP, 3 PH, 50 Hz, 190-380/440VFLX-3534FLX-3534RDDPU, 296 RPM, 1-1/2 HP, 3 PH, 50 Hz, 190/380VFLX-2933-60FLX-2933-60RDDPU, 64 RPM, 1/3 HP, 1 PH, 60 Hz, 115/230VFLX-2462FLX-2462RDDPU, 358 RPM, 1-1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2461-60FLX-2461-60RDDPU, 358 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230VFLX-2460-60FLX-2460-60RDDPU, 358 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230VFLX-2459-60FLX-2459-60RDDPU, 358 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230VFLX-2459-60FLX-2459-50RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2459-50FLX-2459-50RDDPU, 358 RPM, 1/2 HP, 1 PH, 50 Hz, 110/220VFLX-2458-60FLX-2458-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230VFLX-2458-60FLX-2458-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230VG2000203C2000203RDDPU, 84 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230V (CU)07101557-60007101557-60RDDPU, 250 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V (CU)	FLX-3552	FLX-3552R	DDPU, 358 RPM, 1 HP, 3 PH, 60 Hz, 208-230/460V					
FLX-3546FLX-3546RDDPU, 358 RPM, 1/3 HP, 3 PH, 60 Hz, 230/460VFLX-3543BAFLX-3543BARDDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460VFLX-3543FLX-3543RDDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460VFLX-3533FLX-3535RDDPU, 296 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460VFLX-3534FLX-3535RDDPU, 296 RPM, 1-1/2 HP, 3 PH, 50 Hz, 190-380/440VFLX-3534FLX-2534RDDPU, 296 RPM, 1 HP, 3 PH, 50 Hz, 190/380VFLX-2933-60FLX-2933-60RDDPU, 64 RPM, 1/3 HP, 1 PH, 60 Hz, 115/230VFLX-2462FLX-2462RDDPU, 358 RPM, 1-1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2461-60FLX-2461-60RDDPU, 358 RPM, 1 HP, 1 PH, 60 Hz, 115/230VFLX-2460-60FLX-2460-60RDDPU, 358 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230VFLX-2460-50FLX-2460-50RDDPU, 296 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230VFLX-2459-60FLX-2459-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2459-60FLX-2459-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2459-50FLX-2459-50RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2458-60FLX-2458-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230VFLX-2458-60FLX-2458-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2458-60FLX-2458-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VC2000203C2000203RDDPU, 84 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V (CU)07101557-60RDDPU, 250 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V (CU)	FLX-3549BA	FLX-3549BAR	DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V					
FLX-3543BAFLX-3543BARDDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460VFLX-3543FLX-3543RDDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460VFLX-3535FLX-3535RDDPU, 296 RPM, 1-1/2 HP, 3 PH, 50 Hz, 190-380/440VFLX-3534FLX-3534RDDPU, 296 RPM, 1 HP, 3 PH, 50 Hz, 190/380VFLX-2933-60FLX-2933-60RDDPU, 64 RPM, 1/3 HP, 1 PH, 60 Hz, 115/230VFLX-2462FLX-2462RDDPU, 358 RPM, 1-1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2461-60FLX-2461-60RDDPU, 358 RPM, 1 HP, 1 PH, 60 Hz, 115/230VFLX-2460-60FLX-2460-60RDDPU, 358 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230VFLX-2460-50FLX-2460-50RDDPU, 296 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230VFLX-2459-60FLX-2459-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2459-60FLX-2459-60RDDPU, 296 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230VFLX-2459-60FLX-2459-60RDDPU, 296 RPM, 3/4 HP, 1 PH, 50 Hz, 110/220VFLX-2459-60FLX-2459-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2458-60FLX-2458-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2458-60FLX-2458-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 110/220VC2000203C2000203RDDPU, 84 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230V07101557-6007101557-60RDDPU, 250 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V (CU)	FLX-3549	FLX-3549R	DDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V					
FLX-3543FLX-3543RDDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460VFLX-3535FLX-3535RDDPU, 296 RPM, 1-1/2 HP, 3 PH, 50 Hz, 190-380/440VFLX-3534FLX-3534RDDPU, 296 RPM, 1 HP, 3 PH, 50 Hz, 190/380VFLX-2933-60FLX-2933-60RDDPU, 64 RPM, 1/3 HP, 1 PH, 60 Hz, 115/230VFLX-2462FLX-2462RDDPU, 358 RPM, 1-1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2461-60FLX-2461-60RDDPU, 358 RPM, 1-1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2460-60FLX-2460-60RDDPU, 358 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230VFLX-2460-50FLX-2460-50RDDPU, 296 RPM, 3/4 HP, 1 PH, 50 Hz, 110/220VFLX-2459-60FLX-2459-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2459-50FLX-2459-50RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2459-50FLX-2459-50RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2458-60FLX-2459-50RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2458-60FLX-2459-50RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2458-60FLX-2459-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 110/220VC2000203C2000203RDDPU, 84 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230V (CU)07101557-60RDDPU, 250 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V (CU)	FLX-3546	FLX-3546R	DDPU, 358 RPM, 1/3 HP, 3 PH, 60 Hz, 230/460V					
FLX-3535FLX-3535RDDPU, 296 RPM, 1-1/2 HP, 3 PH, 50 Hz, 190-380/440VFLX-3534FLX-3534RDDPU, 296 RPM, 1 HP, 3 PH, 50 Hz, 190/380VFLX-2933-60FLX-2933-60RDDPU, 64 RPM, 1/3 HP, 1 PH, 60 Hz, 115/230VFLX-2462FLX-2462RDDPU, 358 RPM, 1-1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2461-60FLX-2461-60RDDPU, 358 RPM, 1 HP, 1 PH, 60 Hz, 115/230VFLX-2460-60FLX-2460-60RDDPU, 358 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230VFLX-2460-50FLX-2460-50RDDPU, 296 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230VFLX-2459-60FLX-2459-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2459-50FLX-2459-50RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2458-60FLX-2458-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2458-60FLX-2458-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VC2000203C2000203RDDPU, 84 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V (CU)07101557-60DDPU, 250 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V (CU)	FLX-3543BA	FLX-3543BAR	DDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460V					
FLX-3534FLX-3534RDDPU, 296 RPM, 1 HP, 3 PH, 50 Hz, 190/380VFLX-2933-60FLX-2933-60RDDPU, 64 RPM, 1/3 HP, 1 PH, 60 Hz, 115/230VFLX-2462FLX-2462RDDPU, 358 RPM, 1-1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2461-60FLX-2461-60RDDPU, 358 RPM, 1 HP, 1 PH, 60 Hz, 115/230VFLX-2460-60FLX-2460-60RDDPU, 358 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230VFLX-2460-50FLX-2460-50RDDPU, 296 RPM, 3/4 HP, 1 PH, 50 Hz, 110/220VFLX-2459-60FLX-2459-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2459-50FLX-2459-50RDDPU, 296 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2458-60FLX-2458-60RDDPU, 296 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230VFLX-2458-60FLX-2458-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230VC2000203C2000203RDDPU, 84 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V (CU)07101557-6007101557-60RDDPU, 250 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V (CU)	FLX-3543	FLX-3543R	DDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460V					
FLX-2933-60FLX-2933-60RDDPU, 64 RPM, 1/3 HP, 1 PH, 60 Hz, 115/230VFLX-2462FLX-2462RDDPU, 358 RPM, 1-1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2461-60FLX-2461-60RDDPU, 358 RPM, 1 HP, 1 PH, 60 Hz, 115/230VFLX-2460-60FLX-2460-60RDDPU, 358 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230VFLX-2460-50FLX-2460-50RDDPU, 296 RPM, 3/4 HP, 1 PH, 50 Hz, 110/220VFLX-2459-60FLX-2459-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2459-50FLX-2459-50RDDPU, 296 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230VFLX-2458-60FLX-2458-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 50 Hz, 110/220VC2000203C2000203RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V07101557-6007101557-60RDDPU, 250 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V (CU)	FLX-3535	FLX-3535R	DDPU, 296 RPM, 1-1/2 HP, 3 PH, 50 Hz, 190-380/440V					
FLX-2462FLX-2462RDDPU, 358 RPM, 1-1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2461-60FLX-2461-60RDDPU, 358 RPM, 1 HP, 1 PH, 60 Hz, 115/230VFLX-2460-60FLX-2460-60RDDPU, 358 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230VFLX-2460-50FLX-2460-50RDDPU, 296 RPM, 3/4 HP, 1 PH, 50 Hz, 110/220VFLX-2459-60FLX-2459-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2459-50FLX-2459-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2459-50FLX-2459-50RDDPU, 296 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230VFLX-2458-60FLX-2458-60RDDPU, 358 RPM, 1/3 HP, 1 PH, 60 Hz, 110/220VC2000203C2000203RDDPU, 84 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230V (CU)07101557-6007101557-60RDDPU, 250 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V (CU)	FLX-3534	FLX-3534R	DDPU, 296 RPM, 1 HP, 3 PH, 50 Hz, 190/380V					
FLX-2461-60FLX-2461-60RDDPU, 358 RPM, 1 HP, 1 PH, 60 Hz, 115/230VFLX-2460-60FLX-2460-60RDDPU, 358 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230VFLX-2460-50FLX-2460-50RDDPU, 296 RPM, 3/4 HP, 1 PH, 50 Hz, 110/220VFLX-2459-60FLX-2459-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2459-50FLX-2459-50RDDPU, 296 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230VFLX-2458-60FLX-2458-60RDDPU, 358 RPM, 1/3 HP, 1 PH, 60 Hz, 110/220VC2000203C2000203RDDPU, 84 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230V07101557-60DDPU, 250 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V (CU)	FLX-2933-60	FLX-2933-60R	DDPU, 64 RPM, 1/3 HP, 1 PH, 60 Hz, 115/230V					
FLX-2460-60FLX-2460-60RDDPU, 358 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230VFLX-2460-50FLX-2460-50RDDPU, 296 RPM, 3/4 HP, 1 PH, 50 Hz, 110/220VFLX-2459-60FLX-2459-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2459-50FLX-2459-50RDDPU, 296 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230VFLX-2458-60FLX-2458-60RDDPU, 358 RPM, 1/3 HP, 1 PH, 60 Hz, 110/220VC2000203C2000203RDDPU, 84 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230V07101557-6007101557-60RDDPU, 250 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V (CU)	FLX-2462	FLX-2462R	DDPU, 358 RPM, 1-1/2 HP, 1 PH, 60 Hz, 115/230V					
FLX-2460-50FLX-2460-50RDDPU, 296 RPM, 3/4 HP, 1 PH, 50 Hz, 110/220VFLX-2459-60FLX-2459-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2459-50FLX-2459-50RDDPU, 296 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230VFLX-2458-60FLX-2458-60RDDPU, 358 RPM, 1/3 HP, 1 PH, 60 Hz, 110/220VC2000203C2000203RDDPU, 84 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230V07101557-6007101557-60RDDPU, 250 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V (CU)	FLX-2461-60	FLX-2461-60R	DDPU, 358 RPM, 1 HP, 1 PH, 60 Hz, 115/230V					
FLX-2459-60FLX-2459-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230VFLX-2459-50FLX-2459-50RDDPU, 296 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230VFLX-2458-60FLX-2458-60RDDPU, 358 RPM, 1/3 HP, 1 PH, 60 Hz, 110/220VC2000203C2000203RDDPU, 84 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230V07101557-6007101557-60RDDPU, 250 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V (CU)	FLX-2460-60	FLX-2460-60R	DDPU, 358 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230V					
FLX-2459-50 FLX-2459-50R DDPU, 296 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230V FLX-2458-60 FLX-2458-60R DDPU, 358 RPM, 1/3 HP, 1 PH, 60 Hz, 110/220V C2000203 C2000203R DDPU, 84 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230V 07101557-60 07101557-60R DDPU, 250 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V (CU)	FLX-2460-50	FLX-2460-50R	DDPU, 296 RPM, 3/4 HP, 1 PH, 50 Hz, 110/220V					
FLX-2458-60 FLX-2458-60R DDPU, 358 RPM, 1/3 HP, 1 PH, 60 Hz, 110/220V C2000203 C2000203R DDPU, 84 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230V 07101557-60 07101557-60R DDPU, 250 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V (CU)	FLX-2459-60	FLX-2459-60R	DDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V					
C2000203 C2000203R DDPU, 84 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230V 07101557-60 07101557-60R DDPU, 250 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V (CU)	FLX-2459-50	FLX-2459-50R	DDPU, 296 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230V					
07101557-60 07101557-60R DDPU, 250 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V (CU)	FLX-2458-60	FLX-2458-60R	DDPU, 358 RPM, 1/3 HP, 1 PH, 60 Hz, 110/220V					
	C2000203	C2000203R	DDPU, 84 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230V					
07101481-60 07101481-60R DDPU, 250 RPM, 1/3 HP, 1 PH, 60 Hz, 115/230V (CU)	07101557-60	07101557-60R	DDPU, 250 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V (CU)					
	07101481-60	07101481-60R	DDPU, 250 RPM, 1/3 HP, 1 PH, 60 Hz, 115/230V (CU)					

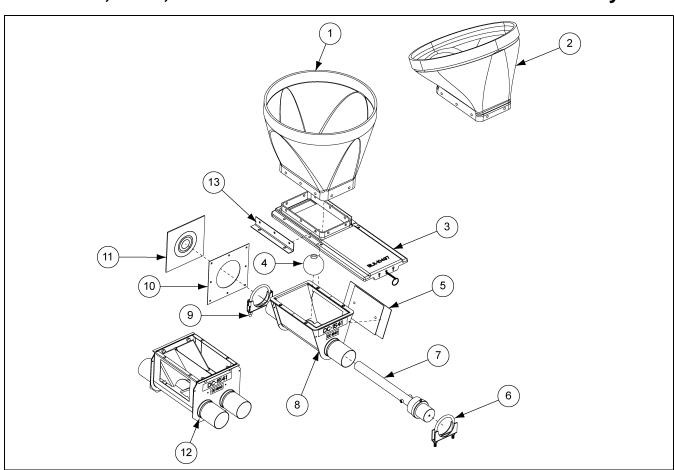
Part # Description Type A Type B 07100643-60 07100643-60R DDPU, 64 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V 07099366-60 07099366-60R DDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V (CU) 07099366-60 07099366-60R DDPU, 368 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V (CU) 07097965-60 07097965-60R DDPU, 358 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230V (CU) 07097744-60 07097744-60R DDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V (CU) 07097374-60 07097374-60R DDPU, 358 RPM, 1/3 HP, 1 PH, 60 Hz, 115/230V (CU) 07099342 709968R DDPU, 358 RPM, 1/3 HP, 3 PH, 60 Hz, 208-230/460V 7099968 7099968R DDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460V 7099341 7099341R DDPU, 358 RPM, 1/3 HP, 3 PH, 60 Hz, 208-230/460V (CU) 7099298 7099298R DDPU, 368 RPM, 1/3 HP, 3 PH, 60 Hz, 230/460V (CU) 7099263 7099263R DDPU, 368 RPM, 1/2 HP, 3 PH, 50 Hz, 190/380V (CU) 7098423 7098423R DDPU, 735 RPM, 3/4 HP, 3 PH, 50 Hz, 190/380V (CU) 7098423 7098423R DDPU, 716 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230V (CU) 7098422 7098422R DDPU, 36	
Type AType B07100643-6007100643-60RDDPU, 64 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V07099366-6007099366-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V (CU)07098924-5007098924-50RDDPU, 368 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V (CU)07097965-6007097965-60RDDPU, 358 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230V (CU)07097744-6007097744-60RDDPU, 358 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V (CU)07097374-6007097374-60RDDPU, 358 RPM, 1/3 HP, 1 PH, 60 Hz, 115/230V (CU)07099687099968RDDPU, 735 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460V70993427099342RDDPU, 358 RPM, 1/3 HP, 3 PH, 60 Hz, 208-230/460V70993417099340RDDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V (CU)7099263709928RDDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V (CU)70992477099247RDDPU, 368 RPM, 1/2 HP, 3 PH, 60 Hz, 203/380/440V70988947099247RDDPU, 368 RPM, 3/4 HP, 3 PH, 60 Hz, 230/380/440V70984237098423RDDPU, 716 RPM, 3/4 HP, 3 PH, 50 Hz, 190/380V (CU)70984227098423RDDPU, 368 RPM, 1/3 HP, 1 PH, 50 Hz, 115/230V (CU)70984227098422RDDPU, 368 RPM, 1/3 HP, 1 PH, 50 Hz, 115/230V (CU)70984227098422RDDPU, 368 RPM, 1/3 HP, 1 PH, 50 Hz, 115/230V (CU)FLX-3582-50FLX-3582-50RDDPU, 129 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230V	
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70999687099968RDDPU, 84 RPM, 1/3 HP, 3 PH, 50 Hz, 190/380V70993427099342RDDPU, 358 RPM, 3/4 HP, 3 PH, 60 Hz, 208-230/460V70993417099341RDDPU, 358 RPM, 1/2 HP, 3 PH, 60 Hz, 208-230/460V70993407099340RDDPU, 358 RPM, 1/3 HP, 3 PH, 60 Hz, 230/460V (CU)70992987099298RDDPU, 368 RPM, 3/4 HP, 3 PH, 50 Hz, 190/380V (CU)70992637099263RDDPU, 368 RPM, 3/4 HP, 3 PH, 50 Hz, 190/380V (CU)70992477099247RDDPU, 735 RPM, 3/4 HP, 3 PH, 50 Hz, 230/380/440V70984237098423RDDPU, 716 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230V (CU)70984227098422RDDPU, 368 RPM, 1/3 HP, 1 PH, 50 Hz, 190/380V (CU)FLX-3582-50FLX-3582-50RDDPU, 129 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230VFLX-3582-60FLX-3582-60RDDPU, 156 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V)
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7099247 7099247R DDPU, 735 RPM, 3/4 HP, 3 PH, 50 Hz, 230/380/440V 7098894 7098894R DDPU, 716 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230V (CU) 7098423 7098423R DDPU, 441 RPM, 1/3 HP, 1 PH, 50 Hz, 115/230V (CU) 7098422 7098422R DDPU, 368 RPM, 1/3 HP, 3 PH, 50 Hz, 190/380V (CU) FLX-3582-50 FLX-3582-50R DDPU, 129 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230V FLX-3582-60 FLX-3582-60R DDPU, 156 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V)
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FLX-3582-50 FLX-3582-50R DDPU, 129 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230V FLX-3582-60 FLX-3582-60R DDPU, 156 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V)
FLX-3582-60 FLX-3582-60R DDPU, 156 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V)
FLX-3593 FLX-3593R DDPU, 156 RPM, 1/2 HP, 3 PH, 60 Hz, 230/460V	
FLX-3928-50 FLX-3928-50R DDPU, 129 RPM, 3/4 HP, 1 PH, 50 Hz, 110/220V	
FLX-3928-60 FLX-3928-60R DDPU, 156 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230V	
FLX-3634-50 FLX-3634-50R DDPU, 129 RPM, 1 HP, 1 PH, 50 Hz, 110/220V	
FLX-3634-60 FLX-3634-60R DDPU, 156 RPM, 1 HP, 1 PH, 60 Hz, 115/230V	
FLX-3635 FLX-3635R DDPU, 156 RPM, 1-1/2 HP, 1 PH, 60 Hz, 115/230V	
FLX-2672-60 FLX-2672-60R DDPU, 250 RPM, 1/3 HP, 1 PH, 60 Hz, 115/230V	
FLX-2673-60 FLX-2673-60R DDPU, 250 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V	
FLX-2674-50 FLX-2674-50R DDPU, 209 RPM, 3/4 HP, 1 PH, 50 Hz, 110/220V	
FLX-2674-60 FLX-2674-60R DDPU, 250 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230V	
FLX-3589-50 FLX-3589-50R DDPU, 368 RPM, 1/3 HP, 1 PH, 50 Hz, 115/230V	
FLX-3589-60 FLX-3589-60R DDPU, 441 RPM, 1/3 HP, 1 PH, 60 Hz, 115/230V	
FLX-3590-50 FLX-3590-50R DDPU, 368 RPM, 1/2 HP, 1 PH, 50 Hz, 115/230V	
FLX-3590-60 FLX-3590-60R DDPU, 441 RPM, 1/2 HP, 1 PH, 60 Hz, 115/230V	
FLX-3591-50 FLX-3591-50R DDPU, 368 RPM, 3/4 HP, 1 PH, 50 Hz, 110/220V	
FLX-3591-60 FLX-3591-60R DDPU, 441 RPM, 3/4 HP, 1 PH, 60 Hz, 115/230V	
FLX-3603 FLX-3603R DDPU, 441/364 RPM, 3/4 HP, 3 PH, 50/60 Hz, 190/380	0V
FLX-3631 FLX-3631R DDPU, 368 RPM, 1/3 HP, 3 PH, 50 Hz, 190/380V	
FLX-3633 FLX-3633R DDPU, 368 RPM, 3/4 HP, 3 PH, 50 Hz, 190/380V	
FLX-3653 FLX-3653R DDPU, 539 RPM, 1-1/2 HP, 3 PH, 60 Hz, 208-230/460	

Direct Drive Power Unit Assemblies Parts List (Continued)

Model 220 Unloader and Anchor Assembly



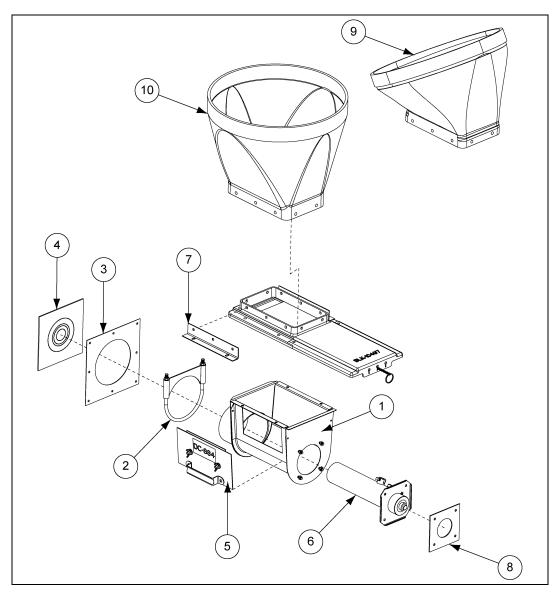
Ref #	Part #	Description	Qty
1	FLX-4331	Model 220 Flex-Flo Single through Unloader Body Assembly	1
2	BLK-11137A	Transfer and Slide Gate Kit	1
3	FLX-2217	Model 220, 300, 350 Flex Seal Ring	1
4	FLX-3422	Neoprene Seal	1
5	FLX-4239	Clean-Out Plate Assembly	1
6	S-4490	2-1/4" Tube Clamp Model 220	2
7	FLX-4646	M-220/EP Anchor and Bearing Assembly	1
8	00404238	Iron Ball 3" Hollow - 1-1/2 #	1
9	FLX-3938	Model 220 Flex-Flo Twin Unloader Body Assembly	1
10	FLX-2195	16" Straight Black Plastic Boot	1
10	FLX-2195C	16" Straight Clear Plastic Boot	1
11	FLX-2194	16" 30º Black Plastic Boot	1
11	FLX-2194C	16" 30º Clear Plastic Boot	1



Model 300, 300P, 350 and HR Unloader and Anchor Assembly

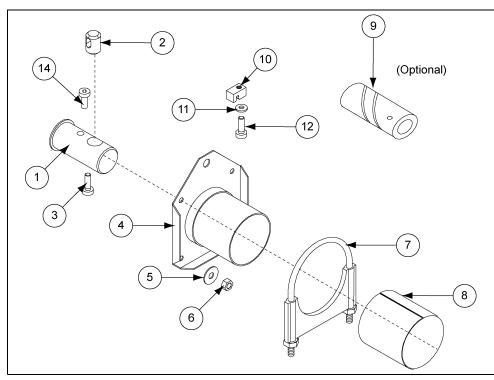
Ref #	Model 300		Model 300P			Model 350	
Rei #	Part #	Description	Part #	Description	Part #	Description	
1	FLX-2195	16" Straight Black Plastic Boot	FLX-2195	16" Straight Black Plastic Boot	FLX-2195	16" Straight Black Plastic Boot	
1	FLX-2195C	16" Straight Clear Plastic Boot	FLX-2195C	16" Straight Clear Plastic Boot	FLX-2195C	16" Straight Clear Plastic Boot	
2	FLX-2194	16" 30° Black Plastic Boot	FLX-2194	16" 30° Black Plastic Boot	FLX-2194	16" 30° Black Plastic Boot	
2	FLX-2194C	16" 30° Clear Plastic Boot	FLX-2194C	16" 30° Clear Plastic Boot	FLX-2194C	16" 30° Clear Plastic Boot	
N/S	FLX-4869	16" Double Straight Black Boot	FLX-4869	16" Double Straight Black Boot	FLX-4869	16" Double Straight Black Boot	
3	BLK-11137A	Transfer and Slide Gate Kit	BLK-11137A	Transfer and Slide Gate Kit	BLK-11137A	Transfer and Slide Gate Kit	
4	00404238	4238 Iron Ball 3" Hollow - 1-1/2 #		Iron Ball 3" Hollow - 1-1/2 #	00404238	Iron Ball 3" Hollow - 1-1/2 #	
5	FLX-4239	Clean-Out Plate Assembly	FLX-4239	Clean-out Plate Assembly	FLX-4239	Clean-Out Plate Assembly	
6	S-4320	3" Tube Clamp	S-4320	3" Tube Clamp	S-4319	3-1/2" Tube Clamp	
7	FLX-4648	M-300 Anchor and Bearing Assembly	FLX-5211	M-300P Anchor and Bearing Assembly	FLX-4650	M-350 Anchor and Bearing Assembly	
8	FLX-4669	Model 300 Flex-Flo Single through Unloader Body Assembly	FLX-4669	Model 300 Flex-Flo Single through Unloader Body Assembly	FLX-2053	Model 350 Flex-Flo Single through Unloader Body Assembly	
9	S-9186	3-1/4" Tube Clamp Model 300	S-9186	3-1/4" Tube Clamp Model 300	S-4443	4" Tube Clamp Model 350	
10	FLX-2217	Model 220, 300, 350 Flex Seal Ring	FLX-2217	Model 220, 300, 350 Flex Seal Ring	FLX-2217	Model 220, 300, 350 Flex Seal Ring	
11	FLX-3422	Neoprene Seal	FLX-3422	Neoprene Seal	FLX-3422	Neoprene Seal	
12	FLX-4671B	Model 300 Flex-Flo Twin through Unloader Body Assembly	FLX-4671B	Model 300 Flex-Flo Twin through Unlosader Body Assembly	FLX-2116B	Model 350 Flex-Flo Twin through Unloader Body Assembly	
13	FLX-4819	Unloader Brace	FLX-4819	Unloader Brace	FLX-4819	Unloader Brace	

Model 500 Unloader and Anchor Assembly



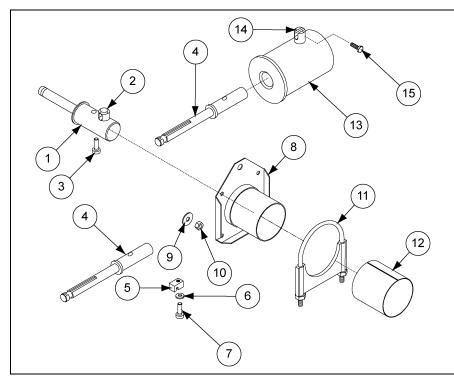
Ref #	Part #	Description	Qty
1	FLX-2065	Model 500 Flex-Flo Single through Unloader Body Assembly	1
2	S-4494	5-1/2" Tube Clamp Model 500	1
3	FLX-2218	Model 500 Flex Seal Ring	1
4	FLX-3422	Neoprene Seal	1
5	FLX-4239	Clean-Out Plate Assembly	1
6	FLX-2192	M-500 Anchor and Bearing Assembly	1
7	BLK-11137A	Transfer and Slide Gate Kit	1
8	FLX-2095	4-5" Control Unit Seal	1
9	FLX-2194	16" 30º Black Plastic Boot	1
9	FLX-2194C	16" 30º Clear Plastic Boot	1
10	FLX-2195	16" Straight Black Plastic Boot	1
10	FLX-2195C	16" Straight Clear Plastic Boot	1

Direct Drive and Tube Anchor



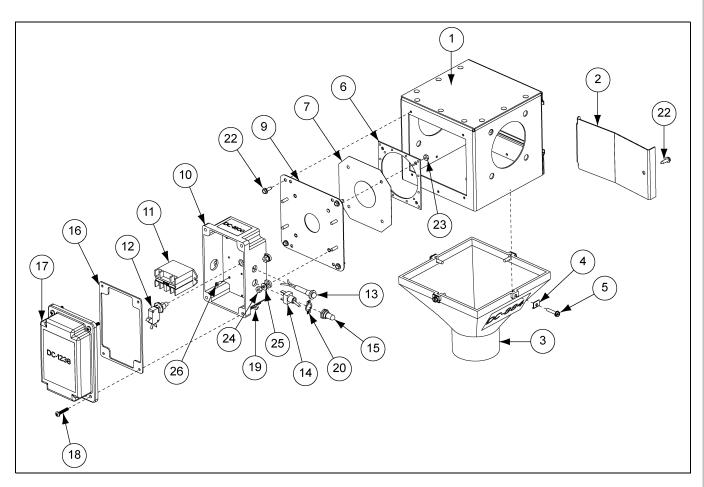
Ref #	Part #	Description
	FLX-2699	220 D.D. Driver and Tube Anchor
	FLX-2696	300 D.D. Driver and Tube Anchor
	FLX-5210	300P D.D. Driver and Tube Anchor
	FLX-2697	350 D.D. Driver and Tube Anchor
	FLX-2698	500 D.D. Driver and Tube Anchor
1	FLX-4572	Model 300 Direct Drive Spindle
1	FLX-4572A	Model 300P Direct Drive Spindle
1	FLX-4575	Model 350 Direct Drive Spindle
1	FLX-2975	Model 500 Belt and Direct Drive Spindle
2	FLX-4571	Model 300/350 Auger Lock Clamp Pin
2A	FLX-2974	Model 500 Auger Lock Clamp Pin
2B	S-4312	Set Screw 5/16"-18 x 1/2" SQ HD BK Cup Point
3	S-6481	5/16"-18 x 1-1/2" Hex Socket Cap Screw Model 300 and 350
3	S-6483	5/16"-18 x 2-1/2" Hex Socket Cap Screw Model 500
4	FLX-2316	Model 220 Tube Anchor Plate
4	FLX-2317	Model 300 Tube Anchor Plate
4	FLX-2318	Model 350 Tube Anchor Plate
4	FLX-2319	Model 500 Tube Anchor Plate
5	S-845	Flat Washer 5/16" USS SAE YDP Grade 2
6	S-396	1/4"-20 Hex Nut
7	S-4490	2-1/4" Tube Clamp Model 220
7	S-9186	3-1/4" Tube Clamp Model 300
7	S-4443	4" Tube Clamp Model 350
7	S-4494	5-1/2" Tube Clamp Model 500
8	FLX-2634	Model 300 Tube Spacer
9	FLXDF-1183	Drop Feed Control Anchor Package
10	FLX-4543	Auger Lock 220 Direct Drive
11	FLX-2685	Model 220 Direct Drive Anchor Washer
12	S-8039	Bolt, 1/4"-20 x 1-1/4" Socket Head

Belt Drive and Tube Anchor



Ref #	Part #	Description
	FLX-2695	220 B.D. Driver and Tube Anchor
	FLX-2692	300 B.D. Driver and Tube Anchor
	FLX-2693	350 B.D. Driver and Tube Anchor
	FLX-2694	500 B.D. Driver and Tube Anchor
1	FLX-4578	Model 300 Belt Driver
1	FLX-4579	Model 350 Belt Driver
2	FLX-4571	Model 300/350 Auger Lock Clamp Pin
3	S-6481	Bolt, SHCS 5/16"-18 x 1-1/2" Model 300
3	S-6482	Bolt, SHCS 5/16"-18 x 1-3/4" Type B Cup Point Model 350
4	FLX-2979	Model 220 and 500 Belt Driver
5	FLX-4543	Auger Lock 220 Belt Drive
6	S-845	Flat Washer 5/16" USS SAE YDP Grade 2
7	S-8039	Bolt, 1/4"-20 x 1-1/4" Socket Head
8	FLX-2316	Model 220 Tube Anchor Plate
8	FLX-2317	Model 300 Tube Anchor Plate
8	FLX-2318	Model 350 Tube Anchor Plate
8	FLX-2319	Model 500 Tube Anchor Plate
9	S-845	Flat Washer 5/16" USS SAE YDP Grade 2
10	S-396	Hex Nut 5/16"-18 YDP Grade 2
11	S-4490	2-1/4" Tube Clamp Model 220
11	S-9186	3-1/4" Tube Clamp Model 300
11	S-4443	4" Tube Clamp Model 350
11	S-4494	5-1/2" Tube Clamp Model 500
12	FLX-2634	Model 300 Tube Spacer
13	FLX-2975	Model 500 Belt and Direct Drive Spindle
14	FLX-2974	Model 500 Auger Lock Clamp Pin
15	S-4312	Set Screw 5/16"-18 x 1/2" SQ HD BK Cup Point

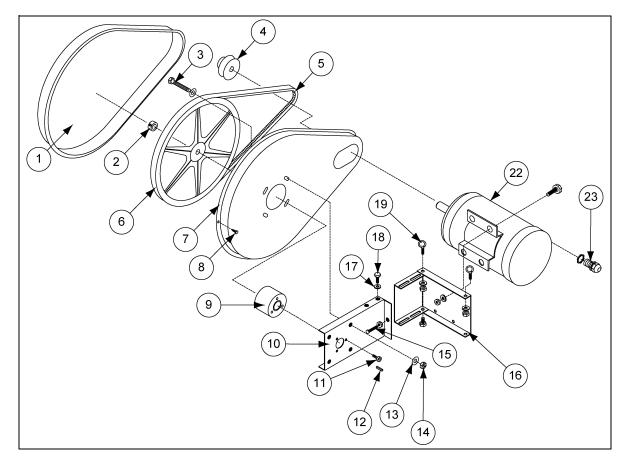
Control Unit



Ref #	Part #	Description	Qty
1-21	FLX-4496	220, 300, 350 Control Unit - 220V	1
1-21	FLX-4497	500 Control Unit - 220V	1
6-21	FLX-4512	Control Unit Electrical Box - 220V	1
1	FLX-4260	220, 300, 350 Control Unit Body Assembly	1
1	FLX-3819	500 Control Unit Body Assembly	1
2	FLX-4261A	Access Door w/ DC-884 Decal	1
3	FLX-2017	220, 300, 350 Power Head Drop (No Hardware)	1
3	FLX-2309	500 Power Head Drop (No Hardware)	1
4	AP-2213	Power Head Drop Retaining Clip	4
5	S-7621	Screw, SDS #10-16 x 1" HWH ZN Grade 2	4
6	FLX-2380	Small Diaphragm Retainer	1
7	FLX-4410	Diaphragm Assembly	4
9	FLX-4510	Base Plate	8
10	FLX-4516	Control Box Electrical Box (Bottom) Drill	1
11	E260-1021	Relay, 0.2 PST 25 Amp, 220V	1
12	S-7707	Limit Switch	1
12	S-9395	Nut, Ring for S-7707, 12 mm x 0.75 Thread	1

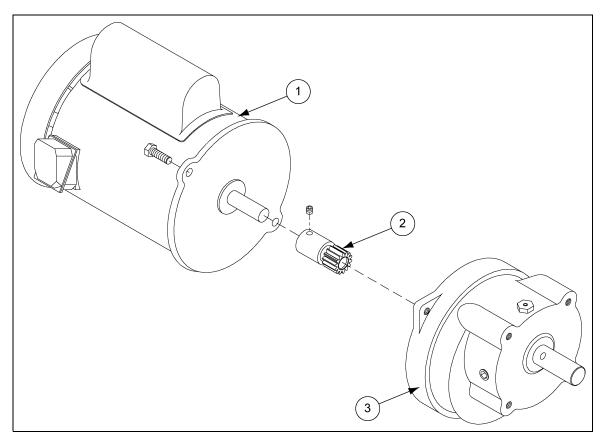
Ref #	Part #	Description	Qty
13	S-7604	Red Light - 250V	1
14	20-5060	Toggle Switch - SPST 15A w/ ON/OFF	1
15	70-0129	Boot for Toggle Switch	1
16	FLX-4561	Gasket	1
17	FLX-4517	Lid for Control Box with DC-1238 Decal	1
18	S-995	Screw, #10-32 x 1/2"	4
19	S-7931	Hex Nut #10-32	4
20	S-6622	ON/OFF Plate for Toggle Switch	1
N/S	S-4694	#2 Weldless Chain	6'
22	S-280	Screw, SDS #10-16 x 5/8" HWH ZN	7
23	S-849	Hex Nut 10-24 Grade 2	4
24	S-2010	Nylock Nut #10-24 ZN Grade 2	4
25	S-3674	Flat Washer #10 x 7/32 I.D. x 1/2 O.D. x 18 Gauge TSAE ZN Grade 2	4
N/S	S-3383	S-Hook, S-8, 1-1/2", #41	3
N/S	S-8183	Screw, SMSA #6 x 3/8" PHP ZN	4
N/S	S-8823	Ground Screw	1

Belt Drive Power Unit



Ref #	Part #	Description
	FLX-4179	14" Belt Drive Power Unit (Less Motor)
1	FLX-2986	Belt Guard Cover
2	S-4307	5/8" I.D. Locking Collar
3	S-7149	Bolt, HHTB 5/16"-18 x 1-3/4" ZN Grade 5
4	S-6242	2.7" A-Belt Single Groove Pulley (5/8" Bore)
5	BLK-11086	AX51 Gripnotch Belt
6	S-6240	14" A-Belt Single Groove Pulley
7	FLX-2987	Belt Guard Back
8	S-280	Screw, SDS #10-16 x 5/8" HWH ZN
9	FLX-2734S	Flex-Flo Anchor Bearing Assembly with Set Screw
10	FLX-5043	Inner Belt Drive Motor Bracket
11	S-4309	1/4"-20 x 5/8" Allen Head Bolt
12	S-8426	Key, SQ 3/16" x 1" Long
13	S-845	Flat Washer 5/16" USS SAE YDP Grade 2
14	S-396	Hex Nut 5/16"-18 YDP Grade 2
15	S-7299	Bolt, HHTB 5/16"-18 x 2-1/2" ZN Grade 2
16	FLX-5042	Outer Belt Drive Motor Bracket
17	S-1147	Lock Washer Split 5/16" ZN
18	S-4275	Bolt, HHTB 5/16"-18 x 3/4" ZN Grade 5
19	S-6236	Eye Bolt 5/16"-18 x 2-1/8" (w/ Nut)
22	013-1	Motor, 1/3 HP, 1 PH, 110/220V, 60 Hz, Farm Duty (5/8" Shaft)
22	012-1	Motor, 1/2 HP, 1 PH, 110/220V, 60 Hz, Farm Duty (5/8" Shaft)
22	034-1	Motor, 3/4 HP, 1 PH, 110/220V, 60 Hz, Farm Duty (5/8" Shaft)
22	100-1	Motor, 1 HP, 1 PH, 60 Hz, 110/220V, 1750 RPM (5/8" Shaft)
22	112-1	Motor, 1-1/2 HP, 1 PH, 60 Hz, 110/220V, 1750 RPM (5/8" Shaft)
23	S-6381	Black Strain Relief

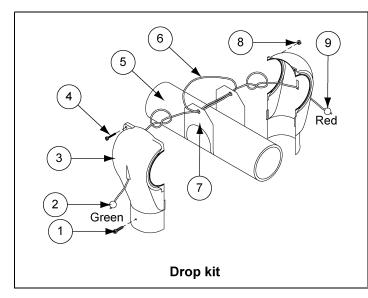
Direct Drive Power Unit

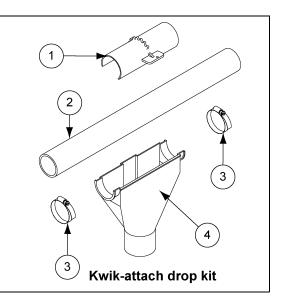


Ref #	Part #	Description
1	FLX-4763	Motor, 1/3 HP, 1 PH, 60 Hz, 115/230V, 1725 RPM
1	FLX-4764	Motor, 1/2 HP, 1 PH, 60 Hz, 115/230V, 1725 RPM
1	FLX-4765	Motor, 3/4 HP, 1 PH, 60 Hz, 115/230V, 1725 RPM
1	FLX-4766	Motor, 1 HP, 1 PH, 60 Hz, 115/230V, 1725 RPM
1	FLX-2473	Motor, 1-1/2 HP, 1 PH, 60 Hz, 115/230V, 1725 RPM
2	FLX-4275	Pinion Gear for Gear Reducer, 1/3, 1/2, and 3/4 HP
2	FLX-4276	Pinion Gear for Gear Reducer, 1 and 1-1/2 HP
2	FLX-4542	Pinion Gear for Gear Reducer 1 or 1-1/2 HP
2	FLX-2983	Pinion Gear for Gear Reducer, 1/3 HP
2	FLX-2973	Gear Reducer Pinion Gear 1 HP
3	FLX-4277(R) *	Gearbox, 358 RPM w/o Pinion Gear
3	FLX-4400(R) *	Gearbox, 156 RPM w/o Pinion Gear
3	FLX-4403(R) *	Gearbox, 250 RPM w/o Pinion Gear
3	FLX-4405(R) *	Gearbox, 441 RPM w/o Pinion Gear
3	FLX-4406(R) *	Gearbox, 539 RPM w/o Pinion Gear
N/S	FLX-4358	Adapter Plate Aluminum C-Face
N/S	FLX-4407	1 Phase P.U. Oil and Hardware

* NOTE: To order a gearbox with the opposite orientation (rotated 180°), add an "R" to the end of these part numbers.

Drop Kit/Kwik-Attach Drop Kit





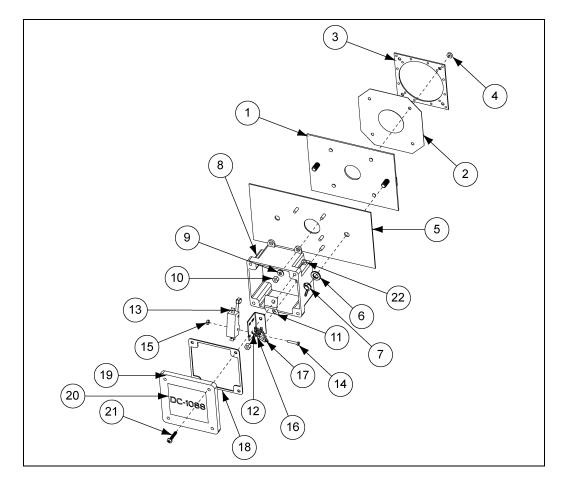
Drop Kit

Ref #	Part #	Description
	FLX-2432	Model 220 Drop Kit (Nylon)
	FLX-2433	Model 300 and 300P Drop Kit (Nylon)
	FLX-2434	Model 350 Drop Kit (Nylon
	FLX-2435	Model 500 Drop Kit (Nylon)
1	S-280	Screw, SDS #10-16 x 5/8" HWH ZN
2	FLX-2441	Green Indicator Ball
3	FLX-220	Model 220 Drop Half
3	FLX-300	Model 300 and 300P Drop Half
3	FLX-350	Model 350 Drop Half
3	FLX-500	Model 500 Drop Half
4	S-8174	Screw, MS #10-24 x 5/8" HWHS SS
5		Model 220, 300, 300P, 350, 500 10' Straight Tube
6	CW-2008	#4 Solid Braided Utility Cord
7	FLX-2437	Model 220 Nylon Slide
7	FLX-2438	Model 300 and 300P Nylon Slide
7	FLX-2439	Model 350 Nylon Slide
7	FLX-2440	Model 500 Nylon Slide
8	S-7931	Hex Nut #10-24 SS
9	FLX-2442	Red Indicator Ball

Kwik-Attach Drop Kit

Ref #	Part #	Description
	APCD-109	Kwik-Attach Drop Kit for Model 220/236 (Single)
	AP-2276	Kwik-Attach Drop Kit for Model 300 and 300P (Single)
	APCD-110	Kwik-Attach Drop Kit for Model 220/236 (Box of 10)
	AP-2277	Kwik-Attach Drop Kit for Model 300 and 300P (Box of 10)
1	APCD-058	Shut Off Slide for Kwik-Attach Model 220
1	AP-1764	Kwik-Attach M300 and M300P Drop Kit Slide
2	PVC-1004	Model 220 PVC Flex-Flo Tube, 10' (3 Meters) w/ Belled End
2	PVC-1005	Model 300 and 300P PVC Flex-Flo Tube, 10' (3 Meters) w/ Belled End
3	AP-0583	Hose Clamp, Stainless Steel 1-3/4" - 2-3/4"
3	AP-0584	Hose Clamp, Stainless Steel 3"-4"
4	APCD-059	Main Housing for Kwik-Attach M220 Drop Kit
4	AP-1763	Main Housing for Kwik-Attach M300 and M300P Drop Kit

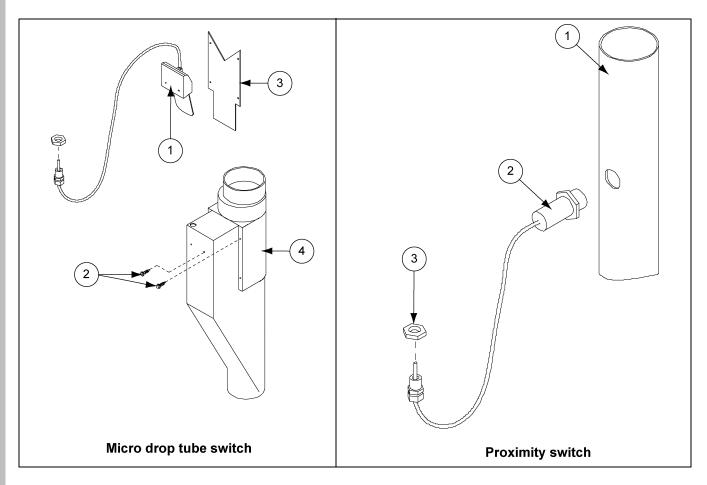
Unloader Switch



Ref #	Part #	Description	
1	FLX-4157A	Back Plate, Unloader Switch Assembly	
2	FLX-4410	Diaphragm Assembly	
3	FLX-2380	Small Diaphragm Retainer	
4	S-849	Hex Nut 10-24 Grade 2	
5	FLX-4158A	Cover Plate Assembly for Switch	
6	S-3558	3/8" Washer EPDM Steel Backed	
7	S-4301	Wing Nut 5/16"-18 ZN Grade 2	
8	FLX-4159	Unloader Switch Housing	
9	S-3674	Flat Washer #10 x 7/32 I.D. x 1/2 O.D. x 18 Gauge TSAE ZN Grade 2	
10	S-2010	Nylock Nut #10-24 ZN Grade 2	
11	07097327	Micro Switch Spring Bracket	
12	FLX-3493	Control Unit Switch Bracket	
13	FLX-2128	Boot Switch	
14	S-7319	Screw, MS #6-32 x 7/8" R.H. Side ZN Grade 2	
15	S-6144	Hex Nut 6-32 Grade 2	
16	E160-1074	Ring Terminal #10 Insulated	
17	WR-16GRN-YLW	Wire 16 Gauge Green/Yellow Stranded 1'	
18	FLX-2690	Electrical Box Gasket 4 x 4	1
19	FLX-2689	Electrical Box Lid	1
20	DC-1088	Decal, Flex-Flo Control Unit	1
21	S-995	Screw, MS #10-24 x 1" PHP SS	
22	S-7931	Hex Nut #10-24 SS	
23	BX-302	Box, 13-3/4" x 5-1/2" x 5-1/2" 200C FPF (Not Shown)	

6. Parts List

Micro Drop Tube Switch/Proximity Switch



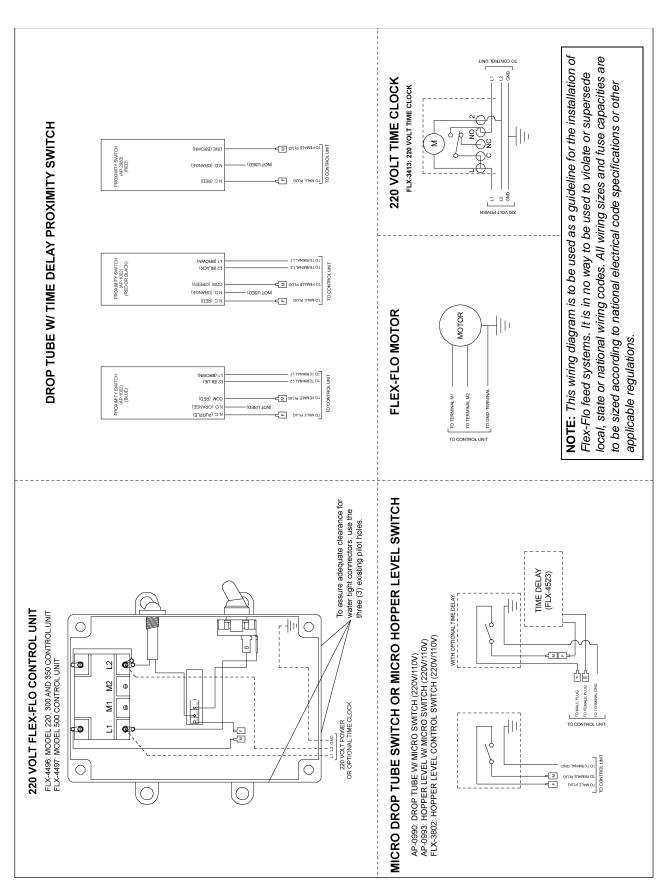
Micro Drop Tube Switch

Ref #	Part #	Description	
	AP-0990	Plastic Drop Tube Switch, 110/220V	
1	FLX-3489	Micro Switch Box Assembly Wired NC	
2	S-7621	Screw, SDS #10-16 x 1" HWH ZN Grade 2	
3	FLX-3448	Drop Tube Switch Baffle Plate	
4	FLX-3451	Drilled Drop Tube Housing	

Proximity Switch

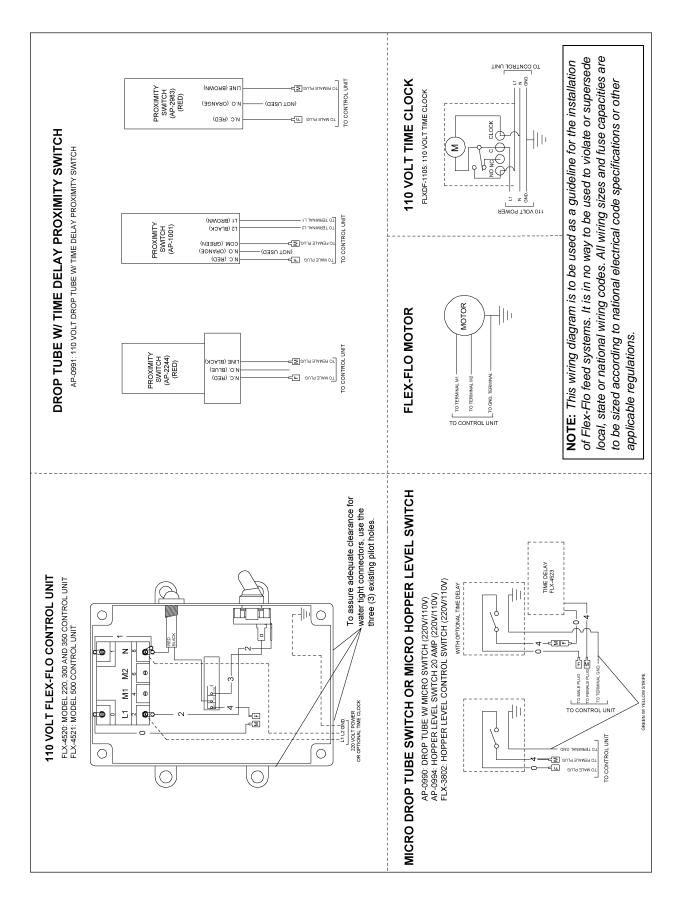
Ref #	Part #	Description	Qty
1	FLX-2425	Drop Tube, 3" I.D. x 12' (3.65 Meters)	
2	FLXDF-1172	Capacitive Proximity Switch NC 20-250 VAC	
3	S-7906	1/2" Cord Connector	1

220V Control Unit

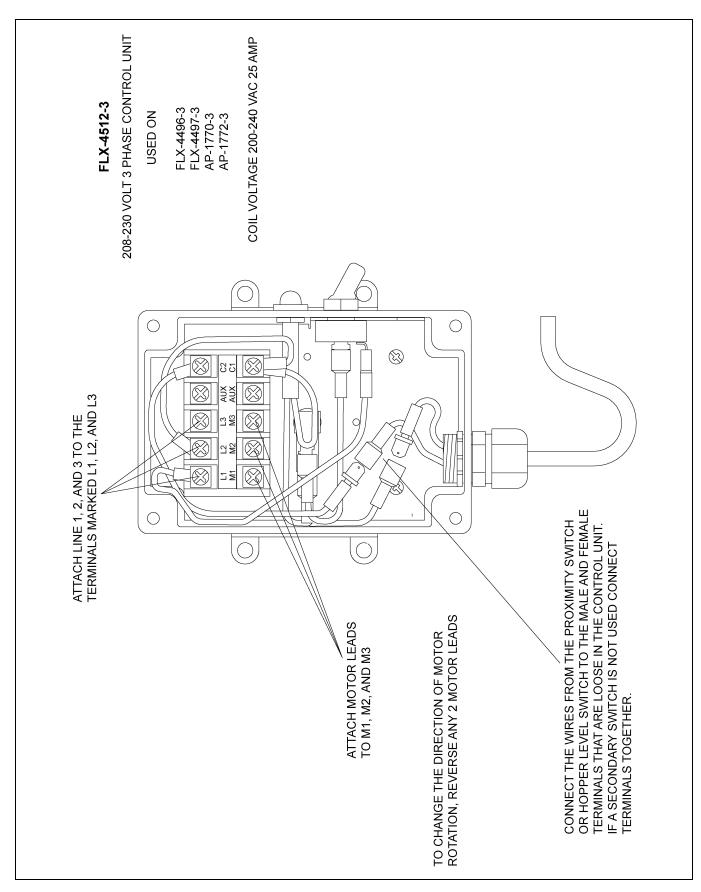


7. Wiring Diagrams

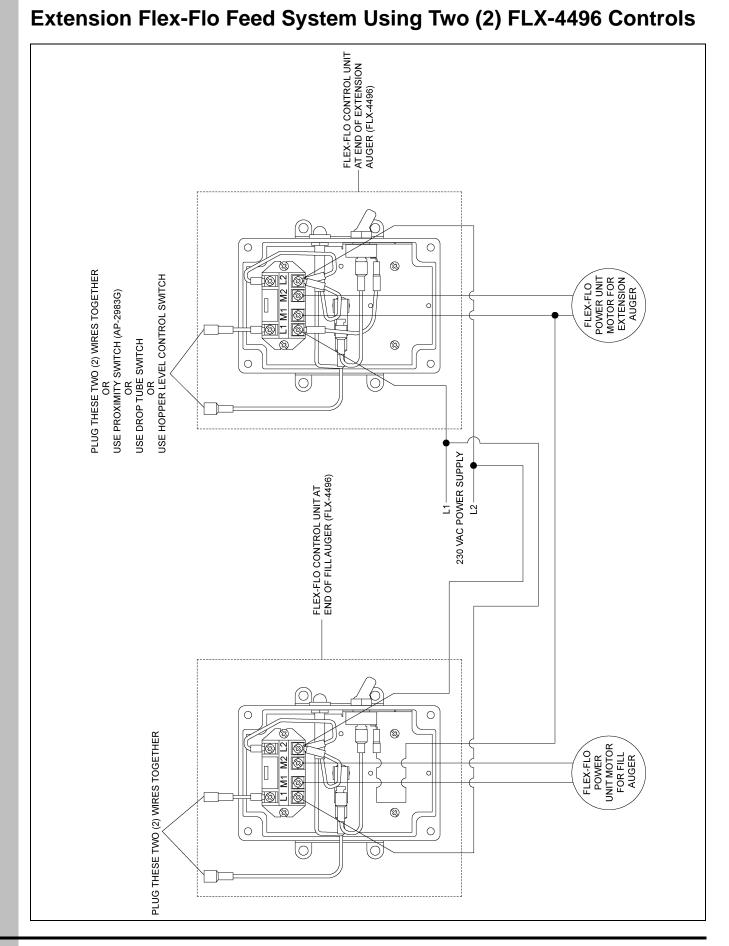
110V Control Unit



208-230V, 3 Phase Control Unit



7. Wiring Diagrams



GSI Group, LLC Limited Warranty

The GSI Group, LLC ("GSI") warrants products which it manufactures to be free of defects in materials and workmanship under normal usage and conditions for a period of 12 months after sale to the original end-user or if a foreign sale, 14 months from arrival at port of discharge, whichever is earlier. The end-user's sole remedy (and GSI's only obligation) is to repair or replace, at GSI's option and expense, products that in GSI's judgment, contain a material defect in materials or workmanship. Expenses incurred by or on behalf of the end-user without prior written authorization from the GSI Warranty Group shall be the sole responsibility of the end-user.

Warranty Extensions:

	Product	Warranty Period		
	Performer Series Direct Drive Fan Motor	3 Years	* Warranty prorated from list price:	
AP Fans and Flooring	All Fiberglass Housings	Lifetime	0 to 3 years - no cost to end-user	
	All Fiberglass Propellers	Lifetime	3 to 5 years - end-user pays 25%	
AP and Cumberland	Flex-Flo/Pan Feeding System Motors	2 Years	5 to 7 years - end-user pays 50% 7 to 10 years - end-user pays 75%	
	Feeder System Pan Assemblies	5 Years **		
Cumberland Feeding/Watering	Feed Tubes (1-3/4" and 2.00")	10 Years *	 ** Warranty prorated from list price: 0 to 3 years - no cost to end-user 3 to 5 years - end-user pays 50% 	
Systems	Centerless Augers	10 Years *		
	Watering Nipples	10 Years *		
Grain Systems	Grain Bin Structural Design	5 Years	† Motors, burner components and moving parts not included.	
Grain Systems	Portable and Tower Dryers	2 Years		
Farm Fans Zimmerman	Portable and Tower Dryer Frames and Internal Infrastructure †	5 Years	Portable dryer screens included. Tower dryer screens not included.	

The Limited Warranty period is extended for the following products:

GSI further warrants that the portable and tower dryer frame and basket, excluding all auger and auger drive components, shall be free from defects in materials for a period of time beginning on the twelfth (12th) month from the date of purchase and continuing until the sixtieth (60th) month from the date of purchase (extended warranty period). During the extended warranty period, GSI will replace the frame or basket components that prove to be defective under normal conditions of use without charge, excluding the labor, transportation, and/or shipping costs incurred in the performance of this extended warranty.

Conditions and Limitations:

THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE LIMITED WARRANTY DESCRIPTION SET FORTH ABOVE. SPECIFICALLY, GSI MAKES NO FURTHER WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE IN CONNECTION WITH: (I) PRODUCT MANUFACTURED OR SOLD BY GSI OR (II) ANY ADVICE, INSTRUCTION, RECOMMENDATION OR SUGGESTION PROVIDED BY AN AGENT, REPRESENTATIVE OR EMPLOYEE OF GSI REGARDING OR RELATED TO THE CONFIGURATION, INSTALLATION, LAYOUT, SUITABILITY FOR A PARTICULAR PURPOSE, OR DESIGN OF SUCH PRODUCTS.

GSI shall not be liable for any direct, indirect, incidental or consequential damages, including, without limitation, loss of anticipated profits or benefits. The sole and exclusive remedy is set forth in the Limited Warranty, which shall not exceed the amount paid for the product purchased. This warranty is not transferable and applies only to the original end-user. GSI shall have no obligation or responsibility for any representations or warranties made by or on behalf of any dealer, agent or distributor.

GSI assumes no responsibility for claims resulting from construction defects or unauthorized modifications to products which it manufactured. Modifications to products not specifically delineated in the manual accompanying the equipment at initial sale will void the Limited Warranty.

This Limited Warranty shall not extend to products or parts which have been damaged by negligent use, misuse, alteration, accident or which have been improperly/inadequately maintained. This Limited Warranty extends solely to products manufactured by GSI.

Prior to installation, the end-user has the responsibility to comply with federal, state and local codes which apply to the location and installation of products manufactured or sold by GSI.

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(revised January 2014)

This equipment shall be installed in accordance with the current installation codes and applicable regulations, which should be carefully followed in all cases. Authorities having jurisdiction should be consulted before installations are made.

This product covered by U.S. Patent # 8,056,506.





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