

Chain Disk

August - 2024



PRODUCT MANUALS RELATED TO THIS SECTION:

- PNEG-602 CHAIN DISK MODEL 236 INSTALLATION & OPERATION MANUAL
- PNEG-1416 HORIZONTAL CHAIN DISK CORNER ASSEMBLY INSTRUCTIONS MANUAL
- PNEG-1814 VERTICAL CHAIN DISK CORNER ASSEMBLY INSTRUCTIONS MANUAL

Chain Disk System Guidelines:

Chain Disk Tube	Chain Disk System must not exceed any of these four design criteria.				Flex-Flo Fill System	Effective Length	Effective Capacity *** (lbs./min. based on 40 lbs./Ft. ³)
	Max. Corners	Max. Chain	Max. Effective Length *	Max. Daily Run Time **			
2.36" O.D. PVC Tube	24 Corners	1,150'	1,750'	100 Minutes per day	Model 300 or M-300P @ 250 RPM (35 pounds per min)	Up to 1,000'	35
						1,000' - 1,250'	30
						1,250' - 1,500'	25
						1,500' - 1,750'	20
2.36" O.D. Welded Steel Tube	24 Corners	1,900'	2,000'	240 Minutes per day	Model 300 or M-300P @ 250 RPM (35 pounds per min)	Up to 1,500'	35
						1,500' - 1,750'	30
						1,750' - 2,000'	25

Chain Disk Systems are designed to convey mashed, crumbled or pelleted feeds not to exceed 18% moisture content.

* Effective Length of a Chain Disk System = (Total feet of Chain Disk chain) + (number of Chain Disk corners x 25)

Example - (700' of Chain Disk chain) + (16 Chain Disk corners x 25) = 1,100' Effective Length

** Daily Run Time of a Chain Disk System = (Maximum daily feed requirement) / (Effective Capacity)

Example - (800 gestating sows) x (5 lbs./sow/day) = (4,000 lbs./day) / (20 lbs./minute) = Effective Capacity of 200 minutes per day

*** Effective Capacity of a Chain Disk System is the estimated actual fill rate of the system when adjusted for the cycling of the Flex-Flo fill system by the Chain Disk controller's current sensor to prevent system over-load.

Chain Disk System Ordering Instructions:

- Order a complete M-300 or M-300P Flex-Flo fill system with a 250 RPM gearbox to deliver feed to the Chain Disk System.
See the Flex-Flo section for ordering instructions.
- Order (1) - Chain Disk Drive Unit and Control Package per system. See below for options.
 - Optional: Order (1) - APCD-764 Door Safety Switch Kit per Drive Unit.
- Order (1) - APCD-620 Chain Disk Fill Hopper per system.
 - APCD-191 Metering Unloader must be used to prevent overfilling of the Chain Disk System when not being filled by a M-300 or M-300P Flex-Flo system with a 250 RPM gearbox.
- Order (1) - APCD-294 Proximity Sensor and (1) - APCD 104 10' Clear Tube per system.
- Order the required number of Chain Disk Corners. See below for options. Do not exceed 24 corners per system.
 - Vertical applications lead to lower feed flow volume. Angled inclines are strongly recommended.
APCD-716 Corners must be used on any sections that are not parallel to the floor.
 - APCD-716 or APCD-709 bolted corners must be used for special applications. A special application is one that meets any of the following criteria:
 - Any application other than swine feeding.
 - Has any vertical or angled sections of tube. Must use APCD-716 corners on these sections.
 - Has any non-AP Chain Disk Chain.
 - Is controlled by a system without current monitoring capabilities.
- Order the required amount of Chain Disk Chain. Order an extra 10' per Drive Unit.
- Order the required number of APCD-103 Chain Disk Chain connecting links. One required per section of chain.
- Order the required amount of PVC or Galvanized Chain Disk Tube and associated Couplers.
- Order suspension materials and PVC glue as required. PVC tube must be supported at least every 4'.
Galvanized tube must be supported at least every 10'.
- Order the required number of Drop Kits and drop tube materials. See the Drop Feeders section for Drop Feeder part numbers.

Ordering Example #1: 1,150', 16 corner steel Chain Disk System with clear door and safety switch.
(Does not include incoming Flex-Flo line or suspension materials.)

Qty.	Part#	Description
1	APCD-726C	CD Drive Unit and APCD-500 Control, 50/60Hz, 1 PH, Clear Door
1	APCD-764	Door Safety Switch Kit for Chain Disk Drive Unit (Optional)
1	APCD-620	Chain Disk Fill Hopper Assembly (Adapts Directly to Flex-Flo Control Unit)
1	APCD-294	Tube Mounted Proximity Sensor
1	APCD-104	CD Clear PVC Tubing w/UV Protection, No Belled End, 2.36" O.D. - 10'
4	APCD-716-4	Vertical Red Nylon CD Corner Assembly for Special Applications - Box of 4
8	APCD-791-150	Chain Disk Chain w/Red Disks - 150' Bag
1	APCD-103	Chain Disk Connecting Link - Bag of Twelve
55	APCD-217-21	CD Galv. Steel Tubing, No Holes, No Belled End, 2-3/8" O.D.- 21' Long
58	APCD-408	CD Galv. Steel Coupler for 2-3/8" O.D. Tube

Ordering Example #2: 500', 4 corner PVC Chain Disk System with stainless steel door and safety switch.
(Does not include incoming Flex-Flo line or suspension materials.)

Qty.	Part#	Description
1	APCD-726	CD Drive Unit and APCD-500 Control, 50/60Hz, 1 PH, SS Door
1	APCD-764	Door Safety Switch Kit for Chain Disk Drive Unit (Optional)
1	APCD-620	Chain Disk Fill Hopper Assembly (Adapts Directly to Flex-Flo Control Unit)
1	APCD-294	Tube Mounted Proximity Sensor
1	APCD-104	CD Clear PVC Tubing w/UV Protection, No Belled End, 2.36" O.D. - 10'
1	APCD-716-4	Vertical Red Nylon CD Corner Assembly for Special Applications - Box of 4
3	APCD-791-150	Chain Disk Chain w/Red Disks - 150' Bag
1	APCD-605-50	Chain Disk Chain w/Nylon Disks - 50' Bag
1	APCD-103	Chain Disk Connecting Link - Bag of Twelve
50	APCD-112	CD White PVC Tubing, No Belled End, 2.36" O.D. - 10'
53	APCD-113	CD White PVC Coupler for 2.36" O.D. Tube
1	60-0023	PVC Cement - 32 oz. (Adequate for about 40 PVC connections)
2	FLX-2470	PVC Cement - 1/2 Pint (Adequate for about 10 PVC connections)



Chain Disk Drive Packages

Part#	PH	Door	Control	Description	Lbs.	Kgs.	Price
APCD-610-160C	1	Clear	None	CD Drive Unit Less Control, 50/60Hz, 1 PH, Clear Door	210.16	95.32	\$4,649.00
APCD-726C			APCD-500	CD Drive Unit and APCD-500 Control, 50/60Hz, 1 PH, Clear Door	210.16	95.32	\$6,872.00
APCD-727C			APCD-500S	CD Drive Unit and APCD-500S Control, 50/60Hz, 1 PH, Clear Door	210.16	95.32	\$5,426.00
APCD-728C			APCD-600	CD Drive Unit and APCD-600 Control, 50/60Hz, 1 PH, Clear Door	210.16	95.32	\$6,006.00
APCD-610-160		Stainless Steel	None	CD Drive Unit Less Control, 50/60Hz, 1 PH, SS Door	212.82	96.53	\$4,565.00
APCD-726			APCD-500	CD Drive Unit and APCD-500 Control, 50/60Hz, 1 PH, SS Door	212.82	96.53	\$6,928.00
APCD-727			APCD-500S	CD Drive Unit and APCD-500S Control, 50/60Hz, 1 PH, SS Door	212.82	96.53	\$5,343.00
APCD-728			APCD-600	CD Drive Unit and APCD-600 Control, 50/60Hz, 1 PH, SS Door	212.82	96.53	\$5,925.00
APCD-610-350C	3	Clear	None	CD Drive Unit Less Control, 50/60Hz, 3 PH, Clear Door	199.09	90.31	\$4,886.00
APCD-729C			APCD-500	CD Drive Unit and APCD-500 Control, 50/60Hz, 3 PH, Clear Door	204.60	92.80	\$7,322.00
APCD-730C			APCD-500S	CD Drive Unit and APCD-500S Control, 50/60Hz, 3 PH, Clear Door	204.60	92.80	\$5,868.00
APCD-731C			APCD-600	CD Drive Unit and APCD-600 Control, 50/60Hz, 3 PH, Clear Door	204.60	92.80	\$6,451.00
APCD-610-350		Stainless Steel	None	CD Drive Unit Less Control, 50/60Hz, 3 PH, SS Door	201.75	91.51	\$4,801.00
APCD-729			APCD-500	CD Drive Unit and APCD-500 Control, 50/60Hz, 3 PH, SS Door	207.26	94.01	\$7,239.00
APCD-730			APCD-500S	CD Drive Unit and APCD-500S Control, 50/60Hz, 3 PH, SS Door	207.26	94.01	\$5,788.00
APCD-731			APCD-600	CD Drive Unit and APCD-600 Control, 50/60Hz, 3 PH, SS Door	207.26	94.01	\$6,372.00
FLX-4146		All		Contactor 3 PH, 230V Coil in Enclosure (Required for 3 PH Applications)	5.50	2.49	\$240.00
APCD-294		All	All AP Controls	Tube Mounted Proximity Sensor (One Required for Each APCD-500, APCD-500-S and APCD-600, Must be Mounted on Clear Tube)	1.16	0.52	\$230.00
APCD-764		All		Door Safety Switch Kit for Chain Disk Drive Unit	1.02	0.46	\$252.00



Chain Disk Inlets and Accessories

Part#	Description	Lbs.	Kgs.	Price
APCD-620	Chain Disk Fill Hopper Assembly (Adapts Directly to Flex-Flo Control Unit)	10.81	4.90	\$288.00
APCD-130	Fill hopper Adapter Plate for M220/300 Flex-Flo Drop Kit - 2.93" Hole	0.95	0.43	\$17.40
APCD-131	Fill Hopper Adapter Plate for M350 Drop Kit - 3.47" Hole	0.96	0.43	\$17.40
APCD-191*	Metering Unloader 50 lbs. per Minute Capacity, 208-230V (Adapts to Bin Using FLX-2195 or FLX-2195-C Boot or to 709832 Feed Hopper with FT-0062 Adapter)	57.48	26.07	\$2,168.00
7098232	Feed Hopper - 120 lbs. (54 kgs.) (Requires FT-00062 Unloader Top Plate)	24.92	11.30	\$255.00
FT-00062	Unloader Top Plate to Adapt 7098232 Hopper to APCD-191 Metering Unloader	3.47	1.57	\$69.00
FLX-2195	16" Straight Plastic Boot, Black	7.11	3.22	\$85.00
FLX-2195-C	16" Straight Plastic Boot, Clear	7.84	3.55	\$111.00

*APCD-191 Metering Unloader must be used when not being filled by a M-300 or M-300P Flex-Flo system with a 250 RPM gearbox.

August 05, 2024

Prices and specifications are subject to change without notice.



APCD-716
Vertical Red Corner Assembly



APCD-709
Red Corner Assembly

Chain Disk Corners

Part#	Description	Lbs.	Kgs.	Price
APCD-709	Red Nylon CD Corner Assembly for Special Applications** - Single	13.04	5.91	\$232.00
APCD-709-4	Red Nylon CD Corner Assembly for Special Applications** - Box of 4	48.04	21.79	\$888.00
APCD-716	Vertical* Red Nylon CD Corner Assembly for Special Applications** - Single	12.49	5.66	\$240.00
APCD-716-4	Vertical* Red Nylon CD Corner Assembly for Special Applications** - Box of 4	45.82	20.78	\$896.00

* Vertical corners must be used on any section that is not parallel to the floor. Vertical applications lead to lower feed flow volume. Angled inclines are strongly recommended.

** A special Chain Disk application is one that meets any of the following criteria:

- Any application other than swine feeding.
- Has any vertical or angled sections of tube. Must use APCD-716 corners on these sections.
- Has any non-AP Chain Disk Chain.
- Is controlled by a system without current monitoring capabilities.



Chain Disk Controls

Part#	Description	Lbs.	Kgs.	Price
APCD-500	Chain Disk Control w/Current Sensor, 24 Hour Time Clock, Actuator Outputs	5.64	2.55	\$2,717.00
APCD-500-S	Chain Disk Control Slave Unit (Expands APCD-500 to Control Multiple Chain Disk Systems, Maximum of Seven APCD-500-S on One APCD-500)	4.55	2.06	\$1,170.00
APCD-600	Chain Disk Control w/Current Sensor	5.64	2.55	\$1,821.00



Chain Disk Chain

Part#	Description	Lbs.	Kgs.	Price
APCD-605-20	Chain Disk Chain w/Nylon Disks - 20' Bag	8.00	3.62	\$151.00
APCD-605-50	Chain Disk Chain w/Nylon Disks - 50' Bag	19.00	8.61	\$349.00
APCD-605-100	Chain Disk Chain w/Nylon Disks - 100' Bag	38.00	17.23	\$665.00
APCD-791-150	Chain Disk Chain w/Red Disks - 150' Bag	57.41	26.04	\$713.00
APCD-103*	Chain Disk Connecting Link - Bag of Twelve	0.80	0.36	\$22.00

*Minimum of one connector link for each length of chain.

Prices and specifications are subject to change without notice.

August 05, 2024



Chain Disk 236 Welded Steel Tube and Coupler

Part#	Description	Lbs.	Kgs.	Price
APCD-217	CD Galv. Steel Tubing, No Holes, No Belled End, 2-3/8" O.D. - 10' Long	12.20	5.53	\$67.00
APCD-217-21	CD Galv. Steel Tubing, No Holes, No Belled End, 2-3/8" O.D. - 21' Long	25.60	11.61	\$133.00
APCD-748-18	CD Galv. Steel Tubing, 13 Holes, 18" Spacing, No Belled End, 2-3/8" O.D. - Single	25.60	11.61	\$174.00
APCD-748-18B	CD Galv. Steel Tubing, 13 Holes, 18" Spacing, No Belled End, 2-3/8" O.D. - Bundle of 10	256.00	116.11	\$1,676.00
APCD-748-19	CD Galv. Steel Tubing, 12 Holes, 19" Spacing, No Belled End, 2-3/8" O.D. - Single	22.86	10.37	\$174.00
APCD-748-19B	CD Galv. Steel Tubing, 12 Holes, 19" Spacing, No Belled End, 2-3/8" O.D. - Bundle of 10	228.68	103.72	\$1,676.00
APCD-748-20	CD Galv. Steel Tubing, 12 Holes, 20" Spacing, No Belled End, 2-3/8" O.D. - Single	25.60	11.61	\$173.00
APCD-748-20B	CD Galv. Steel Tubing, 12 Holes, 20" Spacing, No Belled End, 2-3/8" O.D. - Bundle of 10	256.00	116.11	\$1,657.00
APCD-748-22	CD Galv. Steel Tubing, 11 Holes, 22" Spacing, No Belled End, 2-3/8" O.D. - Single	25.60	11.61	\$173.00
APCD-748-22B	CD Galv. Steel Tubing, 11 Holes, 22" Spacing, No Belled End, 2-3/8" O.D. - Bundle of 10	256.00	116.11	\$1,657.00
APCD-748-23	CD Galv. Steel Tubing, 10 Holes, 23" Spacing, No Belled End, 2-3/8" O.D. - Single	22.97	10.41	\$172.00
APCD-748-23B	CD Galv. Steel Tubing, 10 Holes, 23" Spacing, No Belled End, 2-3/8" O.D. - Bundle of 10	229.70	104.19	\$1,642.00
APCD-748-24	CD Galv. Steel Tubing, 10 Holes, 24" Spacing, No Belled End, 2-3/8" O.D. - Single	25.60	11.61	\$172.00
APCD-748-24B	CD Galv. Steel Tubing, 10 Holes, 24" Spacing, No Belled End, 2-3/8" O.D. - Bundle of 10	256.00	116.11	\$1,642.00
APCD-748-26	CD Galv. Steel Tubing, 9 Holes, 26" Spacing, No Belled End, 2-3/8" O.D. - Single	25.60	11.61	\$171.00
APCD-748-26B	CD Galv. Steel Tubing, 9 Holes, 26" Spacing, No Belled End, 2-3/8" O.D. - Bundle of 10	256.00	116.11	\$1,629.00
APCD-408*	CD Galv. Steel Coupler for 2-3/8" O.D. Tube	0.35	0.15	\$10.30

NOTE: Suspend 236 Steel Tubing a minimum of every 10'.

*APCD-408 steel coupler required at each tube joint.



APCD-112 PVC



APCD-104C without UV Protection



APCD-104 with UV Protection



Chain Disk PVC Tube and Couplers

Part#	Description	Lbs.	Kgs.	Price
APCD-104*	CD Clear PVC Tubing w/ UV Protection, No Belled End, 2.36" O.D. - 10'	7.50	3.40	\$81.00
APCD-112	CD White PVC Tubing, No Belled End, 2.36" O.D. - 10'	7.52	3.41	\$43.00
APCD-105**	CD Clear PVC Coupler for 2.36" O.D. Tube	0.33	0.14	\$3.84
APCD-113**	CD White PVC Coupler for 2.36" O.D. Tube	0.30	0.13	\$4.00
FLX-2470	PVC Cement - 1/2 Pint	1.00	0.45	\$13.22
60-0023	PVC Cement - 32 oz.	1.00	0.45	\$44.00

NOTE: Suspend 236 PVC Tubing a minimum of every 4'.

*(1) - APCD-104 or APCD-104C required per system for tube mounted proximity switch.

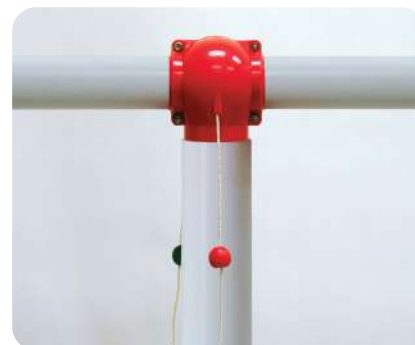
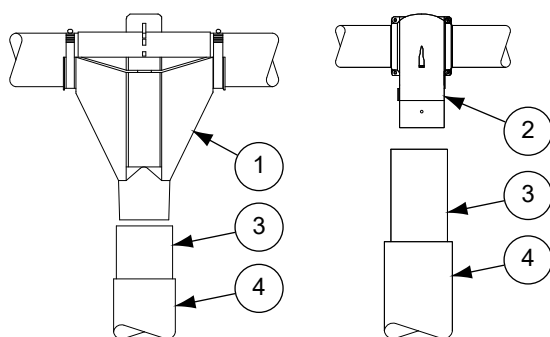
**APCD-105 or APCD-113 PVC coupler required at each tube joint.

Chain Disk Suspension Components

Part#	Description	Lbs.	Kgs.	Price
AP-3344	Suspension Angle - 1-1/4" x 1-1/4" 71" Long - 14 Ga. Galvanized Steel	3.77	1.71	\$29.00
AP-3640	Suspension Angle - 1-1/4" x 1-1/4" 120" Long - 14 Ga. Galvanized Steel	6.62	3.00	\$51.00
AP-2950	Open Eye Screw, 1/4" x 3-1/2" - Qty. of 10	0.48	0.21	\$15.20
AP-2951	Open Eye Screw, 1/4" x 3-1/2" - Qty. of 20	0.96	0.43	\$34.00
AP-2952	Open Eye Screw, 1/4" x 3-1/2" - Qty. of 40	1.92	0.87	\$47.00
S-7313-B	Open Eye Screw, 1/4" x 3-1/2" - Qty. of 100	5.01	2.27	\$93.00
S-7313-500	Open Eye Screw, 1/4" x 3-1/2" - Qty. of 500	22.50	10.20	\$374.00
S-8587	#2 Weldless Chain, 50' Bag	4.00	1.81	\$39.00
S-8588	#2 Weldless Chain, 100' Bag	8.00	3.62	\$80.00
S-8589	#2 Weldless Chain, 400' Roll	40.00	18.14	\$247.00
S-8589-10	#2 Weldless Chain, 400' Roll - Qty. of 10	400.00	181.43	\$1,457.00
S-8421	S-Hook, #27 Plated	0.00	0.00	\$0.43
FLX-2550	M-220 Wire Hanger Bracket	0.36	0.16	\$6.61
FLX-2550BX20	M-220/236 Wire Hanger Bracket - Box of 20	8.02	3.64	\$129.00
S-10237-20	Open Eye Screw, 1/4" x 3-1/2", SS - Qty. of 20	0.98	0.44	\$75.00
S-10237-40	Open Eye Screw, 1/4" x 3-1/2", SS - Qty. of 40	2.17	0.98	\$114.00
S-10237-B	Open Eye Screw, 1/4" x 3-1/2", SS - Qty. of 100	5.11	2.31	\$219.00
S-10237-500	Open Eye Screw, 1/4" x 3-1/2", SS - Qty. of 500	24.50	11.11	\$1,064.00
S-8589-SS-100	#2 Weldless Chain, 100' Roll, SS	8.24	3.73	\$177.00
S-8589-SS	#2 Weldless Chain, 400' Roll, SS	40.00	18.14	\$714.00
S-10362-SS	S-Hook, SS	0.03	0.01	\$1.70

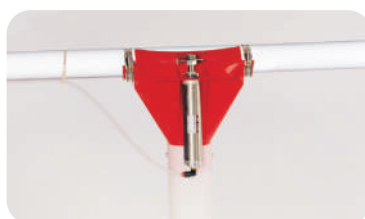
Prices and specifications are subject to change without notice.

August 05, 2024



Chain Disk Outlet Drops and Accessories

Part#	Key #	Description	Lbs.	Kgs.	Price
APCD-109	1	M-220/236 Kwik Attach Drop Kit	1.51	0.68	\$20.00
APCD-110	1	M-220/236 Kwik Attach Drop Kit - Qty. of 10	9.20	4.17	\$174.00
APCD-710	2	M-236 Clam Style Drop Kit	1.33	0.60	\$26.00
APCD-710-10	2	M-236 Clam Style Drop Kit - Qty. of 10	7.41	3.36	\$171.00
FLX-2425	3	Drop Tube, 3" I.D. x 12'	4.54	2.05	\$39.00
FLX-2426	4	Telescoping Drop Tube, 3.31" I.D. x 6'	2.47	1.12	\$26.00



Chain Disk Pneumatic Outlet Drops and Accessories

Part#	Description	Lbs.	Kgs.	Price
APCD-119	Model 236 Pneumatic Drop Kit	2.61	1.18	\$164.00
APCD-120	Valve, 12VDC Solenoid Pneumatic	0.25	0.11	\$445.00
APCD-122	Valve, 24VDC Solenoid Pneumatic	0.25	0.11	\$410.00
APCD-133	Adapter Fitting - 1/8" NPT Male x 1/4" Tube Stem	0.10	0.04	\$3.30
APCD-124	Tube, 1/4" O.D. Polyurethane, 500' Roll	10.00	4.53	\$422.00
APCD-126	T-Fitting - 1/8" NPT Male x 1/4" Tube x 1/4" Tube	0.20	0.09	\$16.20

Chain Disk Explosion-Proof Parts

Part#	Description	Lbs.	Kgs.	Price
APCD-610-1XP	Chain Disk Drive Unit Complete, 1 PH, XP	233.82	106.05	\$5,864.00
APCD-610-3XP	Chain Disk Drive Unit Complete, 3 PH, XP	208.75	94.69	\$5,592.00
APCD-608-1XP	Gearmotor, Chain Disk, 1 PH, XP	106.64	48.37	\$3,158.00
APCD-608-3XP	Gearmotor, Chain Disk, 3 PH, XP	81.58	37.00	\$3,123.00
FLX-5253-XP	Motor, 1-1/2 HP E.P. 1 PH, 50/60Hz, 115/230V, 1425/1725 RPM	73.00	33.11	\$1,838.00
FLX-5258-XP	Motor, 1-1/2 HP E.P. 3 PH, 50/60Hz, 230/460V, 1425/1750 RPM	48.00	21.77	\$1,532.00

Chain Disk Controls - (Old Style)

Part#	Description	Lbs.	Kgs.	Price
APCD-137	Tube Mounted Proximity Sensor (One Required for Each APCD-108-220 and APCD-108-3PH Control Unit, Must be Mounted on Clear Tube)	4.00	1.81	\$472.00

Chain Disk Power Unit Parts

Part#	Description	Lbs.	Kgs.	Price
APCD-608-160	Motor and Gearbox Assy. 1.5 HP, 1 PH, 60Hz (Fits Direct Drive Units from April 2001 to Current)	85.64	38.85	\$2,270.00
APCD-608-350	Motor and Gearbox Assy. 1.5 HP, 3 PH, 50/60Hz (Fits Direct Drive Units from April 2001 to Current)	74.58	33.82	\$2,287.00
APCD-617-160	Replacement Motor 1.5 HP, 1 PH, 50/60Hz 208-230V (Fits Drive Units from May 2010 to Current)	52.00	23.58	\$588.00
APCD-617-350	Replacement Motor 1.5 HP, 3 PH, 50/60Hz (Fits Drive Units from June 2010 to Current)	41.00	18.59	\$842.00
7100051	Replacement Motor 2 HP, 1 PH, 60Hz (Fits Drive Units from April 2001 to April 2010)	35.00	15.87	\$791.00
07100051-150	Replacement Motor 2 HP, 1 PH, 50Hz (Fits Drive Units from April 2001 to May 2010)	59.00	26.76	\$1,220.00
07100051-350	Replacement Motor 2 HP, 3 PH, 50/60Hz (Fits Drive Units from April 2001 to May 2010)	51.00	23.13	\$876.00
APCD-770	Gearbox, Helical Bevel, 40:1	7.70	3.49	\$1,472.00
APCD-770S	Chain Disk Gearbox Assembly with Shaft and Mounting Bracket	20.92	9.49	\$1,627.00
APCD-770-FC	Flexible Coupler Assembly for APCD-770 Gearbox and Motor	0.53	0.24	\$94.00
APCD-771	Replacement Shaft for Helical Bevel Chain Disk Gearbox	4.48	2.03	\$80.00
APCD-715	Switch, Limit with Metric Watertight Fitting	0.48	0.21	\$158.00
APCD-014B	Main Drive Sprocket-Machined	4.50	2.04	\$185.00
APCD-012	Idler Wheel Assembly	3.37	1.52	\$90.00
APCD-346	Idler Rod Assembly - 43-3/4" Long	8.14	3.69	\$135.00
APCD-173	Idler Rod Assembly - 38-1/2" Long	7.11	3.22	\$149.00
APCD-601B	Adapter Bushing for Motovario Gearbox	0.75	0.34	\$70.00
APCD-336	Tension Spring, 17-1/8" x 1-1/4" Stainless Steel (Two per Drive Unit)	5.72	2.59	\$36.00
APCD-043	Spring - 18-1/2" x 1.1" Stainless Steel (One per Drive Unit)	1.71	0.77	\$71.00
20-5060	Toggle Switch SPST - 15A	0.03	0.01	\$7.89
S-7604	Trouble Light (Red)	0.01	0.00	\$18.07
S-8006	Knob, 1/4"-20 x 1/2" SS Stud	0.03	0.01	\$7.60
APCD-755	Door Assembly, Clear Chain Disk Drive Unit	9.49	4.30	\$189.00
APCD-756	Door, Clear Chain Disk Drive Unit	6.57	2.98	\$106.00
APCD-757	Limit Switch Mounting Bracket for Chain Disk Access Door	0.09	0.04	\$18.59
TD-101463	Tamper Switch (Included in TD-101348), Use as Service Part	0.25	0.11	\$81.00



APCD-608-160
Motor and Gearbox Assembly



APCD-617-160
Replacement Motor



APCD-770S
Gearbox Assembly



APCD-715
Limit Switch



APCD-014B
Drive Sprocket



APCD-012
Idler Wheel Assembly



APCD-346
Idler Rod Assembly



APCD-336
Tension Spring



20-5060
Toggle Switch



S-7604
Trouble Light



S-8006
Knob

Prices and specifications are subject to change without notice.

August 05, 2024

Chain Disk Control Parts

Part#	Description	Lbs.	Kgs.	Price
APCD-500B	APCD-500 Bottom Board (Fits APCD-295 and APCD-500)	4.15	1.88	\$1,537.00
APCD-500B-S	APCD-500B-S Bottom Board (Fits APCD-295-S and APCD-500-S)	3.65	1.65	\$864.00
APCD-600B	APCD-600 Bottom Board (Fits APCD-300 and APCD-600)	0.00	0.00	\$884.00
E300-1009	Fuse, 1A, Fast Acting, 5 x 20 mm	0.00	0.00	\$1.20
APCD-500T	APCD-500 Top Board (Fits APCD-295 and APCD-500)	0.00	0.00	\$1,453.00
APCD-500T-S	APCD-500B-S Top Board (Fits APCD-295-S and APCD-500-S)	0.00	0.00	\$357.00
APCD-600T	APCD-600 Top Board (Fits APCD-300 and APCD-600)	0.00	0.00	\$1,153.00
E260-1036	Relay, DPST, 240V, Plug-in Style (Fits Original APCD-295 and APCD-300)	0.25	0.11	\$60.00
APCD-393	Relay, DP 240V, 30A (Fits APCD-500 and APCD-600)	0.25	0.11	\$173.00
E330-0415	EXPERT Memory Stick (Only compatible with previous chain disk controllers with green screens. Not compatible with USB ports on current blue screen displays.)	0.05	0.02	\$137.00
FLX-4256	Prox Switch 20-250V, NO (Orange Proximity Sensor for APCD-294 Tube Mounted Sensor)	0.50	0.22	\$257.00
FLXDF-1172	Prox Switch 20-250V, NC (Orange Proximity Sensor for APCD-137 Tube Mounted Sensor)	0.20	0.09	\$232.00
FLXDF-1172N	Nut, 30 mm f/FLXDF-1172 & FLX-4256 Proximity Switch 2/Pkg.	0.01	0.00	\$46.00
E171-A1066-2	Replacement Circuit Board for Old Style Chain Disk Control	2.33	1.06	\$696.00
7097292	Contactor, 25A, 3 Pole	3.00	1.36	\$120.00



APCD-500B
APCD-500 Bottom Board



APCD-500T
APCD-500 Top Board



E260-1036
DPST Relay



APCD-393
DP Relay



E330-0415
EXPERT Memory Stick



FLXDF-1172
Proximity Switch



E171-A1066-2
Replacement Circuit Board



7097292
Contactor

Chain Disk Corner Parts

Part#	Description	Lbs.	Kgs.	Price
APCD-000	Red Corner Top Housing for APCD-709 and APCD-716	2.02	0.92	\$57.00
APCD-001	Red Corner Bottom Housing for APCD-709 and APCD-716	2.04	0.92	\$55.00
APCD-722	Corner Wheel Assembly w/ Shaft, Bearings and Wiper for APCD-709	6.54	2.96	\$85.00
APCD-702C	Vertical Corner Wheel Assembly w/ Shaft and Bearings for APCD-716	5.99	2.71	\$88.00
APCD-015-SS	Corner Hardware Pkg. For APCD-709 and APCD-716	0.88	0.39	\$21.00
APCD-327	Replacement Shaft for All Corners	0.29	0.13	\$21.00
APCD-330	Replacement Bearing for All Corners	0.20	0.09	\$5.05
APCD-430B	Replacement Wiper for All Horizontal Corners	0.03	0.01	\$8.90



APCD-001
Red Corner Bottom Housing



APCD-702C
Vertical Corner
Wheel assembly



APCD-722
Corner Wheel Assembly



APCD-330
Replacement Bearing



APCD-430B
Replacement Wiper

Chain Disk Motor Electrical Specifications

Motor Part#	Where Used	HP	PH	Hz	Voltage	RPM	Amps
APCD-617-160	Current Chain Disk DDPU	1.5	1	60	208-230	1,725	6.9-6.4
		1.5	1	50	190-230	1,425	7.6-6.2
APCD-617-350	Current Chain Disk DDPU	1.5	3	60	208-230/460	1,750	4.9-4.4/2.2
		1.5	3	50	190/380	1,450	5.0/2.5
7100051	Pre-June 2010 Chain Disk DDPU	2	1	60	115/230	1,725	18.9/9.4
07100051-150	Pre-June 2010 Chain Disk DDPU	2	1	50	115/230	1,425	21.0/10.5
07100051-350	Pre-June 2010 Chain Disk DDPU	2	3	60	230/400/460	1,755	5.4/3.0/2.7
		2	3	50	220/380/440	1,440	6.0/3.5/3.0

