



## Important “Flow” System Ordering Information

The Circu-Flow Ordering Procedure is as follows.

**Step 1** Order the main unit from pages FL-6 (Circu-Flow), FL-11 (Dual-Sweep Circu-Flow), FL-14 (Super-Flow and Twin-Sweep Super-Flow), or FL-16 (Commercial-Flow).

**Step 2** Determine the requirements for Transfer Augers. Order Transfer Augers from page FL-9 & FL-10 (Circu-Flow), FL-13 (Dual-Sweep Circu-Flow). Use the All Purpose Section for Super-Flow, Twin-Sweep Super-Flow and Commercial-Flow Transfer Augers.

**Step 3** Determine the horsepower (hp) requirements for the Flow System from the chart on this page. You need to know the horsepower of all transfer augers. This information is found on each Transfer Auger page.

**Step 4** Order Motor pulleys to fit Flow System and Transfer Augers. See specifications on appropriate pages.

**Step 5** See page FL-2 to select a control box with starters and temperature-based moisture control. Follow the directions carefully. It is important to provide NECO with the horsepower (hp) of all motors so proper motor protection can be provided.

**Step 6** Order a spreader for the Flow bin and for each cooling bin.

**Step 7** Determine whether stiffeners are required for the bin you are installing the Flow system in. Contact the bin manufacturer if you have any doubt. There are several ways to strengthen the bin for use with a Flow system. You can add stiffeners from page FL-5. You can install liners with short stiffeners (see the blue tab labeled “BIN LINERS”). Also, sometimes you can obtain a special heavy-duty bin from the bin manufacturer.

**Step 8** You will need extra supports for the bin floor when using a Flow system. Contact your floor manufacturer for these requirements. If you are using a channel-lock floor with cement blocks or a rail support system, order a set of Intermediate support channels to reinforce the floor. See page FL-5.

### Flow System Power

Power		Minimum Starting Torque		Circu-Flow*	8” Dual-Sweep Circu-Flow	Super-Flow	Twin-Sweep Super-Flow*	Commercial Flow*
hp	kW							
5	3.728	60 foot-lb	83.2 Nm	18’-27’		24’-28’		
7½	5.593	80 foot-lb	108.5 Nm	30’		30’-42’	24’ - 28’	
10	7.457	104 foot-lb	141.0 Nm		21’-27’		30’ - 42’	24’ - 27’
15	11.185	119 foot-lb	161.3 Nm		28’-37’			30’ - 42’
20	14.914	135 foot-lb	183.0 Nm					48’

Power values shown are computed for corn. If soybeans are to be dried, use a motor with the next higher power rating. If the motor you select doesn’t have enough starting torque, order a motor with a greater power rating to achieve the starting torque shown.

**\*NOTE:** If you are using a system with a vertical discharge auger, order the next larger motor.

**Please see the Conversion Table at the end of this section for metric equivalent values.**



## Deluxe Control Boxes for “Flow” In-Bin Continuous-Flow Drying Systems

**STEP 1.** Pick a main control box with the maximum horsepower rating needed for the desired Flow System and first Transfer Auger. Use the table below. A control for the first Transfer Auger is included with the primary control. You can order extra Transfer Auger controls to be installed in this panel by following the instructions in Step 2.

Phase and Voltage	Flow System Power Maximum		Transfer Auger Power Maximum		Main Control Box Part Number	Main Control Box List Price	Weight	
	hp	kW	hp	kW			lb	kg
1-Phase 220V	7½ hp	5.593 kW	7½ hp	5.593 kW	009397	\$ 2,917	65	29
	10 hp	7.457 kW	7½ hp	5.593 kW	009398	\$ 3,055	70	32
	10 hp	7.457 kW	10 hp	7.457 kW	009414	\$ 3,280	78	35
3-Phase 220V	10 hp	7.457 kW	7½ hp	5.593 kW	009401	\$ 2,961	72	33
	15 hp	11.185 kW	7½ hp	5.593 kW	009402	\$ 2,761	74	34
	20 hp	14.914 kW	7½ hp	5.593 kW	009403	\$ 3,027	80	36
	10 hp	7.457 kW	10 hp	7.457 kW	009404	\$ 2,677	74	34
	15 hp	11.185 kW	10 hp	7.457 kW	009405	\$ 2,894	76	34
	20 hp	14.914 kW	10 hp	7.457 kW	009406	\$ 3,050	82	37
3-Phase 440V	20 hp	14.914 kW	15 hp	11.185 kW	009407	\$ 3,388	85	39

For a CSA-approved control box add 33% to above prices.

**STEP 2.** Order the additional controls for any extra Transfer Augers. These controls are to be mounted in the control box selected in Step 1. The maximum number of Transfer Auger controls needed is four (the primary control and up to three Transfer Auger controls).

Phase and Voltage	Maximum Transfer Auger Power		Part Number	List Price*	Weight	
	hp	kW			lb	kg
1-Phase, 220V	7½ hp	5.593 kW	009408	\$ 470	5	25
	10 hp	7.457 kW	009409	\$ 677	6	3
3-Phase, 220V	7½ hp	5.593 kW	009410	\$ 368	7	3.5
3-Phase, 440V	10 hp	7.457 kW	009411	\$ 423	8	4
	15 hp	11.185 kW	009412	\$ 537	7	3.5

\*Add \$217 to the list price for additional control mounted in its own weather tight control box.

**STEP 3.** Provide NECO with the exact horsepower ratings of all the motors to be controlled by this box. We need this information to provide the proper heater strips for your motor’s protection.

**STEP 4.** You may need an extra thermostat installed in the Deluxe Control Box to regulate the underfloor temperature. If so, order part number 009413. Add \$130.00 to the list price for the thermostat. Shipping weight is three pounds.

### Accessories

Description	Part Number	List Price	Weight	
			lb	kg
Bin Level Switch <sup>1</sup>	010601	\$ 1,069	8	4
Thermometer Kit <sup>2</sup>	010606	\$ 94	1	0.5

<sup>1</sup>This item is a motorized paddle switch designed to shut off the burner when the grain level in the drying bin drops below the desired level.

<sup>2</sup>This item is a dial-type thermometer with mounting bracket to be installed in the plenum to measure the temperature under the floor.



## Sets of Bin Stiffeners with Joining Angles (without the required Bin Bolts)

### IMPORTANT

Continuous flow systems create grain flow patterns and forces that put increased vertical and horizontal stresses on the bin walls and drying floor. NECO recommends (1) the addition of stiffeners to the bin walls, and (2) additional floor supports. These enhancements will help prevent structural damage to your bin. Consult your bin and floor manufacturer(s) for recommendations regarding bin reinforcement. NECO cannot be responsible for structural failure of a bin nor for any loss, damage, or injury caused thereby.

Bin Diameter	Part Number	Quantity Needed	List Price	Weight	
				lb	kg
18'	010724	26	\$891	397	180
21' - 22'	010725	30	\$1,028	458	208
24' - 25'	010727	34	\$1,165	519	235
27' - 28'	010729	38	\$1,302	580	263
30' - 31'	010731	42	\$1,439	641	291
33'	022821	46	\$1,577	702	318
36'	012213	50	\$1,714	763	346
42'	009418	58	\$1,988	885	401
48'	009419	66	\$2,262	1,007	457

### Individual Stiffeners

Description	Part Number	List Price	Weight	
			lb	kg
93¼" (237.5cm) Bin Wall Stiffeners	010485	\$39	15	7
Joining Angle	010586	\$3	-	-

### BIN BOLTS



Sold only in boxes of 100

Description	Part Number	Quantity	List Price
<sup>5</sup> / <sub>16</sub> " x 1" with Seal Washer	034067	100	\$ 41
<sup>5</sup> / <sub>16</sub> " x 1¼" with Seal Washer	034068	100	\$ 41
Sealing Washer	034069	100	\$ 22
<sup>5</sup> / <sub>16</sub> " Flange Nut	034070	100	\$ 19

## Intermediate Floor Support Channels (7' Lengths)

Floor support channels are designed to strengthen channel lock floors when used with cement-block floor supports or with rail-and-leg systems. Free-standing leg systems do not require supports. Check with your floor manufacturer regarding requirements for increasing the number of floor supports when using a Flow system.

Bin Diameter	Part Number	List Price	Weight	
			lb	kg
44 Pieces for 14' (4.267 m) circle for 8' - 24' Diameter Bins	010726	\$420	176	80
98 Pieces for 21' (6.401 m) circle for 25' - 36' Diameter Bins	010728	\$936	392	178
166 Pieces for 28' (8.534 m) circle for 37' - 48' Diameter Bins	009417	\$1,586	664	301

**Note:** These floor support channels attach to the floor with sheet metal screws. Two screws per piece are needed. The screws are not included.



## Circu-Flow Main Unit Prices

### Basic Circu-Flow Options (Choose 1)

Bin Diameter	6" Horizontal Unload				6"x13' Vertical Unload			
	Part Number	List Price	Weight lb kg		Part Number	List Price	Weight lb kg	
18'	009346	\$6,452	575	261	009354	\$8,170	828	376
21'	009347	\$6,744	625	284	009379	\$8,461	878	398
22'	009348	\$6,975	643	292	009356	\$8,693	896	406
24'	009349	\$7,037	667	303	009357	\$8,755	920	417
25'	009378	\$7,266	691	313	009380	\$8,984	944	428
27'	009351	\$7,329	715	324	009381	\$9,046	968	439
28'	009352	\$7,566	743	337	009360	\$9,284	996	452
30'	009353	\$7,628	767	348	009361	\$9,346	1,020	463

Bin Diameter	8" Horizontal Unload				6"x13' Vertical Unload			
	Part Number	List Price	Weight lb kg		Part Number	List Price	Weight lb kg	
18'	009362	\$6,812	609	276	009370	\$8,613	914	415
21'	009363	\$7,164	664	301	009371	\$8,957	969	440
22'	009364	\$7,403	680	308	009372	\$9,195	985	447
24'	009382	\$7,577	711	323	009373	\$9,370	1,016	461
25'	009366	\$7,747	732	332	009374	\$9,540	1,037	470
27'	009367	\$7,935	764	347	009375	\$9,728	1,069	485
28'	009368	\$8,117	789	358	009376	\$9,909	1,094	496
30'	009369	\$8,218	821	372	009377	\$10,011	1,126	511

**Includes** •Underbin Auger and Tube, •Center Hopper and Gearboxes, •Belt Shield, •Control Rod, •Center Holding Rods, •Circu-Drive Wear Plates, •Outside Wear Plates, •Box of Parts.

**Vertical Discharge units also Include** •13' (3.962 m) tall Outside Vertical Auger & Tube with Gearbox, •Bin Bracket **Not Included** •Motor Pulley, 3.2" (8.128 cm) 3-groove required. See page FL-1 for horsepower (hp) requirements.



## TAPERED SWEEP OPTIONS (Choose one)

All Sweeps feature Circu-Drive® center propelling wheel and hard-surfacing.

The Standard sweep has a continuous flow unloading capacity of 200 BPH. The High Capacity sweep has an unloading rate of 300 BPH. The Drying rate is contingent on many factors. Consult NECO for specific drying rate calculations. Underbin unloading rates through the center slidegate are:

6" 800 BPH 8" 1600 BPH

### Includes

- Hard-Surfaced Tapered Sweep with Circu-Drive Lugs and Cast Iron Wheel.

Bin Diameter	Standard Capacity Hard-Surfaced with Circu-Drive				High Capacity Hard-Surfaced with Circu-Drive			
	Part Number	List Price	Weight lb	Weight kg	Part Number	List Price	Weight lb	Weight kg
18'	009080	\$968	79	36	010652	\$1,115	80	36
21'	009081	\$1,065	82	37	010655	\$1,187	83	38
22'	009082	\$1,091	83	38	010656	\$1,210	84	38
24'	009083	\$1,132	85	39	010658	\$1,256	86	39
25'	009084	\$1,159	86	39	010659	\$1,281	87	39
27'	009085	\$1,211	88	40	010662	\$1,324	89	40
28'	009086	\$1,227	89	40	010792	\$1,346	90	41
30'	009087	\$1,266	91	41	010664	\$1,391	92	42

## Center Vertical Options (Choose one)

To obtain "H" dimension for a Flow System take the height of the bin from the top of the fill hatch to the top of the drying floor. Subtract 4' (1.219m) from this dimension. Round down to the next lowest even foot (if the height obtained after subtracting the 4' is 19'7" round down to 19'). The dimension obtained is the "H" dimension. Order the appropriate center vertical from the chart on the right.

### Includes

- Center Vertical Auger and Tube,
- Recirculating spreader, and
- Transfer Auger Boot

Refer to page FL-1 For Horsepower Needed.

Order Control Box From Page FL-2

Bin Diameter	Standard with 1 TA Boot				With 180° TA Boot			
	Part Number	List Price	Weight lb	Weight kg	Part Number	List Price	Weight lb	Weight kg
15'	010110	\$1,897	218	99	009340	\$2,057	275	125
16'	010111	\$1,930	230	104	009341	\$2,091	287	130
17'	010112	\$1,964	243	110	009342	\$2,125	300	136
18'	010113	\$1,998	255	116	009358	\$2,158	312	142
19'	010114	\$2,032	268	122	009552	\$2,192	325	147
20'	010115	\$2,065	280	127	010692	\$2,226	337	153
21'	010116	\$2,099	293	133	009058	\$2,260	350	159
22'	010117	\$2,133	305	138	010808	\$2,293	362	164
23'	010118	\$2,166	360	163	009300	\$2,327	417	189
24'	010119	\$2,200	374	170	009095	\$2,361	431	196
25'	010109	\$2,678	480	218	009343	\$2,838	537	244
26'	009199	\$2,718	499	226	009383	\$2,879	556	252
27'	010122	\$2,758	518	235	009345	\$2,919	575	261



## Circu-Flow Accessories

Description	Part Number	List Price
<b>Multi-Direction Boot</b> to add a Transfer Auger below the Standard Transfer Auger Boot.	010594	\$468
Note: This requires cutting off 18" (45.72 cm) of the center vertical tube and adding this boot in place of the tube cut off.	010597	\$277
<b>180° Boot</b> in Lieu of Standard Boot		
Flex Spouts (For Use with Vertical Discharge Augers)		
6" Flex Spout x 5' (6" x 1.524 m)	035175	\$99
6" Flex Spout x 10' (6" x 3.048 m)	036432	\$187
8" Flex Spout x 5' (8" x 1.524 m)	035176	\$131
8" Flex Spout x 10' (8" x 3.049 m)	036433	\$242
Kit to convert Existing Horizontal Discharge Circu-Flow to one with A 13' (3.962 m) Tall Vertical Auger Discharge Auger		
6" Vertical Kit, to convert a 6" Horizontal to a Vertical	009396	\$2756
8" Vertical Kit, to convert an 8" Horizontal to a Vertical	022807	\$2976

### Vertical Discharge Conversion Kits Bill Of Lading

Description	6" Underbin Auger		8" Underbin Auger	
	Part Number	List Price	Part Number	List Price
13' (3.962 m) Outside Vertical with Gearbox	014220	\$1302	014221	\$1748
Vertical Belt Shield	010351	\$108	021168	\$53
Box of Parts Horizontal to Vertical	010721	\$897	010802	\$805
Adjustable Bin Bracket	014253	\$142	014254	\$147



**Main Unit**

Bill of Lading Item	18'	21'	22'	24'	25'	27'	28'	30'
6" Underbin Tube	036571 \$123	001188 \$138	001190 \$104	001190 \$104	001192 \$173	001192 \$173	001193 \$191	001193 \$191
6" Underbin Auger	010260 \$1,439	010261 \$1,445	010262 \$1,399	010262 \$1,399	010263 \$1,432	010263 \$1,432	010264 \$1,447	010264 \$1,447
8" Underbin Tube	036312 \$172	001226 \$193	001227 \$206	001216 \$149	036315 \$225	001217 \$242	036318 \$223	001218 \$273
8" Underbin Auger	010820 \$1,518	009384 \$1,551	009385 \$1,584	010285 \$1,617	010256 \$1,210	010286 \$1,481	010149 \$1,518	010287 \$1,526
Standard Tapered Sweep (Hard-Surfaced, Circu-Drive)	009080 \$734	009081 \$814	009082 \$1,300	009083 \$853	009084 \$1,047	009085 \$892	009086 \$1,097	009087 \$1,114
High Capacity Tapered Sweep (Hard-Surfaced, Circu-Drive)	010652 \$982	010655 \$1,011	010656 \$883	010658 \$946	010659 \$1,104	010662 \$1,000	010792 \$1,204	010664 \$1,025
Circu-Drive Wear Plates	010395 Quantity: 18 \$14/each	010395 Quantity: 21 \$14/each	010395 Quantity: 22 \$14/each	010395 Quantity: 24 \$14/each	010395 Quantity: 25 \$14/each	010395 Quantity: 27 \$14/each	010395 Quantity: 28 \$14/each	010395 Quantity: 30 \$14/each
Outside Wear Track	010493 Quantity: 7 \$36/each	010493 Quantity: 7 \$36/each	010493 Quantity: 7 \$36/each	010493 Quantity: 8 \$36/each	010493 Quantity: 8 \$36/each	010493 Quantity: 9 \$36/each	010493 Quantity: 9 \$36/each	010493 Quantity: 10 \$36/each
Control Rod	010242 \$55	010243 \$59	010244 \$61	010244 \$61	010245 \$66	010245 \$66	010246 \$70	010246 \$70
Center Holding Rods	010622 \$202	010622 \$202	010622 \$202	010622 \$202	010622 \$202	010622 \$202	010622 \$202	010622 \$202

**Discharge Type**

Description	Part Number	6" Horizontal	8" Horizontal	6"x 13' Vertical	8"x 13' Vertical
6" Horizontal - Box of Parts	010000	\$1329			
8" Horizontal - Box of Parts	010737		\$1435		
6" Vertical 19' & Under BOP	010001			\$1934	
8" Vertical Box of Parts	010703				\$1948
6" Vertical Assembly x 13'	014220			\$1302	
8" Vertical Assembly x 13'	014221				\$1,748
6" Horizontal Belt Shield	010341	\$33	\$33		
6" Vertical Belt Shield	010351			\$108	
8" Vertical Belt Shield	010472				\$53
8" 45° Spout	035171				\$224
6" Bin Bracket	014253			\$142	
8" Bin Bracket	014254				\$147
6" Cable brace Kit	036227	\$95			
8" Cable Brace Kit	010800		\$126		

**Hopper Assembly**

Item	Part Number	List Price
6" CF Hopper with Gearboxes	010458	\$4,057
8" CF Hopper with Gearboxes	010367	\$4,141



# 4" & 6" Transfer Augers

Designed for use with Circu-Flow Systems

Description	Part Number	List Price
4" x 11' Transfer Auger with Direct Drive	021275	\$ 820

**Price Includes**

- 4"x11' (4"x3.35m) Transfer Auger Main Unit with Heavy-duty Flight
- Outlet Spout
- Elliptical Roof Plate
- Adjustable Support Bracket
- Motor Mount
- 14" (35.56cm) Single Groove Driven Pulley
- Belt
- 3' of 4" (91.4cm of 10.16cm) Flex Tubing
- Two 10' (3.05m) Support Legs
- Plastic Belt Shield
- Pivot Plate for Transfer Auger Boot

**Not included**

- Motor and 4" (10.16 cm) Motor Pulley

Description	Part Number	List Price
6" x 3' Transfer Auger with Reducer Drive	022759	\$1,461

**Price Includes**

- 6"x3' (6"x91.4cm) Discharge Head with 741 Reducer & Heavy-duty Flight
- Outlet Spout
- Elliptical Roof Plate
- Adjustable Support Bracket
- E-Z Off Motor Mount
- Oil Enclosed Speed Reducer (4:1 Ratio)
- Belt
- 3' of 6" (91.4cm of 15.24cm) Flex Tubing
- 10" (25.40cm) Single Groove Driven Pulley
- Plastic Belt Shield
- Pivot Plate for Transfer Auger Boot

**Not included**

- Motor and 4" (10.16cm) Motor Pulley

Part Number	Length	Power hp	Power kW	List Price	Weight lb	Weight kg
021276	21'	1	0.746	\$1,050	207	94
021278	25'	1½	1.119	\$1,168	247	112
021281	31'	1½	1.119	\$1,232	260	118
021286	41'	2	1.491	\$1,464	315	143
021291	51'	2	1.491	\$1,879	370	168
021296	61'	3	2.237	\$2,108	427	194

**NOTE:** If the Circu-Flow system has a 4" (10.16cm) motor pulley, you must use a 5" (12.7cm) pulley on transfer auger. If the Circu-Flow system has a 3.2" (8.128cm) pulley with a High Capacity Sweep, you must use a 5" (12.7cm) motor pulley **and**

To price auger lengths not shown, add extension(s) from the following chart to the **11' base price** shown above.

	Part Number	List Price	Weight lb	Weight kg		Part Number	List Price	Weight lb	Weight kg
2'	022219	\$81	15	7	8'	022222	\$192	46	21
4'	022220	\$118	26	12	10'	022223	\$229	57	26
6'	022221	\$155	36	16	20'	022224	\$415	110	50

**4" Accessories\***

Description	Part	Weight lb	Weight kg
4" Adjustable Support Bracket	021031 \$223	32	15
4" Bridging & Trussing Kit: Single Truss with Cable	021216 \$430	37	17
Double Truss with Cable	021217 \$638	55	25
4" Clamping Bands (Halves)	035002 \$4	1	0.5
4" Connecting Sleeve	036410 \$44	4	2
4" - 6" Outlet Adaptor (Adapts 4"outlet to use 6" Accessories)	024204 \$369	7	3
4" Flow-Thru Slidegate Intake Hopper	021242 \$346	23	10
4" Grain Cleaner Screening Section (¼" Diameter Holes for Corn)	021212 \$808	94	43
4" Grain Sampler with 20' Tube	021214 \$289	16	7
4" Grain Sampler without Tube	021049 \$241	10	5
20' Plastic Tube	021006 \$48	18	8

Part Number	Length	Power hp	Power kW	List Price	Weight lb	Weight kg
021319	21'	1	0.746	\$1,953	285	129
021321	25'	1½	1.119	\$2,130	340	154
021324	31'	1½	1.119	\$2,265	357	162
021329	41'	2	1.491	\$2,490	434	197
021334	51'	2	1.491	\$2,802	507	230
021339	61'	3	2.237	\$2,847	657	298

To price auger lengths not shown, add extension(s) from the following chart to the **3' base price** shown above.

	Part Number	List Price	Weight lb	Weight kg		Part Number	List Price	Weight lb	Weight kg
2'	047017	\$133	22	10	12'	019838	\$358	92	42
4'	047018	\$178	36	16	14'	019839	\$402	106	48
6'	047019	\$223	50	23	16'	019840	\$447	120	54
8'	019836	\$268	64	29	18'	019841	\$492	134	61
10'	019837	\$313	78	35	20'	019842	\$537	148	67

**6" Accessories\***

Description	Part Number	Weight lb	Weight kg
6" Flow-Thru Slidegate Intake Hopper	021243 \$350	30	14
6" Grain Cleaner Screening Section (¼" Diameter Holes for Corn)	021213 \$1,193	122	55
6" Grain Sampler with 20' Tube	021215 \$345	18	8
6" Grain Sampler without Tube	021050 \$297	14	6

For Heavy-duty 6" Extensions ¼" please see page A-8



## 4" Secondary Transfer Augers

### Designed for use with Circu-Flow Systems

Description	Part Number	List Price	Weight	
			lb	kg
4" x 11' Secondary Transfer Auger	021254	\$1,048	168	76

**Price Includes**

- 4" x 11' (10.16cm x 3.353m) Transfer Auger Main Unit with Heavy-duty Flight
- Outlet Spout
- Two Adjustable Support Brackets
- Motor Mount
- 14" (35.56cm) Single Groove-Driven Pulley
- Belt
- 3' of 4" (91.44cm of 10.16cm) Flex Tubing
- Flow-Thru Intake Hopper with 6" Square Outlet
- Plastic Belt Shield

**Not included**

- Motor and 4" (10.16cm) Motor Pulley

**Extension pricing (add to the 11' base price)**

	Part Number	List Price	Weight lb	Weight kg		Part Number	List Price	Weight lb	Weight kg
2'	022219	\$	81	15	8'	022222	\$192	46	21
4'	022220	\$	118	26	10'	022223	\$229	57	26
6'	022221	\$	155	36	20'	022224	\$415	110	50

**For 6" Secondary Transfer Augers, Order Parts from the All Purpose Auger Section**

Horse Power Requirements		
Up to 21'	1 hp	0.746 kW
23' - 31'	1½	1.119 kW
33' - 51'	2 hp	1.491 kW
53' - 61'	3 hp	2.237 kW

**Transfer Auger & Secondary Transfer Auger Bill of Lading Prices**

Use the table on the Transfer Auger Page for Extensions.

4" Transfer Auger 021275	Part Number	List Price
4" x 11' Transfer Auger Main Unit	021007	\$457
1" x 10' Support Legs (set of two)	022399	\$26
4" Adjustable Support Bracket	021031	\$223
Plastic Belt Shield	047182	\$84
4" Transfer Auger Box of Parts	021000	\$413
- or -	---	---
4" 2-Belt Transfer Auger Box of Parts	021004	\$493

Use chart on Transfer Auger Page for Extensions.

Use the table on the Transfer Auger Page for Extensions.

6" Transfer Auger 022759	Part Number	List Price
6" x 3' TA Main Unit with 741 Reducer	021392	\$1289
6" Adjustable Support Bracket	021032	\$223
Plastic Belt Shield	047182	\$84
EZ Off Motor Mount	047917	\$111
6" Transfer Auger Box of Parts	021002	\$327

Use the table at the top of this page for Extensions.

4" Secondary Transfer Auger 021254	Part Number	List Price
4" x 11' TA Main Unit	021007	\$457
4" Adjustable Support Brackets (set of two)	021031	\$223
Plastic Belt Shield	047182	\$84
4" Secondary Transfer Auger Box of Parts	021183	\$252
Flow-Thru Slidegate Intake Hopper	021242	\$346



## Main Unit Prices

### 8" Dual Sweep



All Sweeps feature Circu-Drive® center propelling wheel and hard surfacing. Dual Sweep Circu-Flow units have a continuous flow unloading capacity of 500 BPH and a bin unloading capacity of about 1800 BPH. The drying rate is contingent on many factors. Please consult NECO for specific drying rate calculations.

**Includes**

- Underbin Auger and Tube, •Center Hopper and Gearboxes, •Belt Shield, •Control Rod, •Center Holding Rods, •Box of Parts, •Two Hard-Surfaced Tapered Sweeps, with •Circu-Drive, and •Cast Iron Propelling Wheel, •Outside Wear Plate & Circu-Drive Wear Plate also an Outside Vertical Auger, •Tube, •Gearbox, and •Bin Bracket, where required.

### Basic Dual Sweep Circu-Flow® Options

Bin Diameter	8" Horizontal Unloaders		8" Vertical Unloaders	
	Part Number	List Price	Part Number	List Price
21'	012350	\$ 9,816	012361	\$11,414
22'	012351	\$ 9,879	012362	\$11,477
24'	012352	\$10,040	012363	\$11,637
25'	012353	\$10,481	012364	\$11,701
27'	012354	\$10,481	012365	\$12,079
28'	012377	\$10,545	012366	\$12,142
30'	012356	\$10,924	012367	\$12,521
31'	012357	\$10,987	012368	\$12,585
33'	012358	\$11,602	012369	\$13,200
36'	012359	\$12,203	012370	\$13,800
37'	012360	\$12,265	012371	\$13,863

### Dual Sweep Center Vertical Options

To obtain the "H" dimension for a Flow System, take the height of the bin from the top of the fill hatch to the top of the drying floor. Subtract 4' from this dimension. Round down to the next lowest even foot (if the height obtained after subtracting the 4' is 19'7" round down to 19'). The dimension obtained is the "H" dimension. Order the appropriate center vertical from the chart to the right.

**Includes:**

- Center Vertical Auger & Tube, Recirculating Spreader, & Transfer Auger Boot

"H" Dimension	Standard with 1 Transfer Auger Boot		With 180° Transfer Auger Boot	
	Part Number	List Price	Part Number	List Price
16'	012055	\$2,167	012372	\$2,606
17'	012056	\$2,319	012373	\$2,657
18'	012057	\$2,366	012374	\$2,705
19'	012058	\$2,418	012022	\$2,756
20'	012059	\$2,462	012375	\$2,800
21'	012060	\$2,510	012214	\$2,848
22'	012061	\$2,561	012019	\$2,899
23'	012062	\$2,717	012319	\$3,055
24'	012063	\$2,772	012589	\$3,110
25'	012094	\$2,987	012020	\$3,325
26'	012231	\$3,036	012317	\$3,374
27'	012295	\$3,093	012899	\$3,431
28'	012294	\$3,156	012376	\$3,494

Description	Part Number	List Price
Mult Direction Boot	012176	\$607

Refer to page FL-1 For Horsepower (hp) Required.  
Order Control Box From Page FL-2



## 8" Dual Sweep Circu-Flow® Bill of Lading Prices

Bill of Lading Item	21'	22'	24'	25'	27'	28'	30'	31'	33'	36'	37'
8" Underbin Tube	001216 \$216	001216 \$216	001216 \$216	001216 \$216	001217 \$242	001217 \$242	001218 \$273	001218 \$273	001220 \$292	001221 \$324	001221 \$324
8" Underbin Auger	012124 \$2,350	012124 \$2,350	012124 \$2,350	012124 \$2,350	012125 \$2,599	012125 \$2,599	012126 \$2,264	012126 \$2,264	012127 \$2,732	012128 \$2,864	012128 \$2,864
Tapered Sweep with Hardened-surface and Circu-Drive® (set of 2)	012025 \$1,231	012026 \$1,863	012027 \$867	012028 \$1,925	012029 \$925	012030 \$1,425	012031 \$989	012032 \$1,552	012033 \$1,082	012034 \$1,152	012035 \$2,014
Circu-Drive® Wear Plates (Number needed)	010395 (22) \$14/ea	010395 (23) \$14/ea	010395 (25) \$14/ea	010395 (26) \$14/ea	010395 (28) \$14/ea	010395 (29) \$14/ea	010395 (31) \$14/ea	010395 (32) \$14/ea	010395 (34) \$14/ea	010395 (37) \$14/ea	010395 (38) \$14/ea
Outside Wear Track (Number needed)	010493 (7) \$36/ea	010493 (7) \$36/ea	010493 (8) \$36/ea	010493 (8) \$36/ea	010493 (9) \$36/ea	010493 (9) \$36/ea	010493 (10) \$36/ea	010493 (7) \$36/ea	010493 (11) \$36/ea	010493 (12) \$36/ea	010493 (12) \$36/ea
Control Rod	010244 \$61	010244 \$61	010244 \$61	010244 \$61	010245 \$66	010245 \$66	010246 \$70	010246 \$70	010247 \$74	010248 \$77	010248 \$77
Bundle Center Holding Rods	010622 \$202	010622 \$202	010622 \$202	010622 \$202	010622 \$202	010622 \$202	010622 \$202	010622 \$202	010622 \$202	010622 \$202	010622 \$202
Center Hopper with Gearboxes	012159 \$4,789	012159 \$4,789	012159 \$4,789	012159 \$4,789	012159 \$4,789	012159 \$4,789	012159 \$4,789	012159 \$4,789	012159 \$4,789	012159 \$4,789	012159 \$4,789

### Discharge Type

Description	Part Number	8" Horizontal	8" x 13' Vertical
8" Horizontal--Box of Parts	012000	\$2,069	
8" Vertical--Box of Parts	012001	\$2,395	
8"x13' Vertical Assembly	014221		\$1,748
8" Horizontal--Belt Shield	010341	\$33	
8" Dual Sweep--Belt Shield	012168	\$138	
8" 45° Spout	035171		\$224
8" Bin Bracket	014528		\$129
8" Cable brace Kit	010800	\$126	



## 6" Direct-Drive, Belt-Drive Transfer Augers Designed for use with 8" Dual Sweep Circu-Flow Systems

Description	Part Number	List Price
6" x 3' Direct Drive Transfer Auger without Extensions	021428	\$919

**Price Includes**

- 6" x 3' (6" x 91.44cm) Discharge Head with Heavy-duty Flighting
  - Outlet Spout
  - Elliptical Roof Plate with Rubber Seal
  - Adjustable Support Bracket
  - E-Z Off Motor Mount
  - 16" (40.64cm) 2-Belt Drive Kit
  - 3' of 6" (91.44cm of 15.24cm) Flex Tubing
  - Belt Shield
  - Pivot Plate for Transfer Auger Boot on 8" Center Vertical
- Not Included**
- Motor and 3.2" (8.128cm) 2-Groove Motor Pulley

Part Number	Length	Power hp	Power kW	List Price	Weight lb	Weight kg
021341	21'	1½	1.1185	\$1,411	54	24
021343	25'	2	1.4913	\$1,589	309	140
021346	31'	2	1.4913	\$1,724	326	148
021351	41'	3	2.2370	\$1,948	403	183
021356	51'	3	2.2370	\$2,261	476	216
021361	61'	3	2.2370	\$2,485	626	284

To price auger lengths not shown, add extension(s) from the following chart to the 3' base price shown above.

**6" Accessories**

Description	Part Number	List Price	Weight lb	Weight kg
6" Flow-Thru Slidegate Intake Hopper	021243	\$350	30	14
6" Adjustable Support Bracket	021032	\$223	22	10
6" Grain Cleaner Screening Section (¼" (0.635cm) Dia. Holes for Corn)	021213	\$1,193	122	55
6" Grain Sampler with 20' Tube	021215	\$345	18	8
6" Grain Sampler without Tube	021050	\$297	14	6

6" Tube & Auger Extensions					
	Part Number	List Price	Weight lb	Weight kg	
2'	047017	\$133	22	10	
4'	047018	\$178	36	16	
6'	047019	\$223	50	23	
8'	019836	\$268	64	29	
10'	019837	\$313	78	35	
12'	019838	\$357	92	42	
14'	019839	\$402	106	48	
16'	019840	\$447	120	54	
18'	019841	\$492	134	61	
20'	019842	\$537	148	67	

See page A-8 for Heavy-duty 6" Extensions (¼").

### 6" Direct Drive Belt-Drive Transfer Augers Bill of Lading Prices

	Part Number	List Price
Box of Parts, 6" (15.24cm) Direct Drive Transfer Auger	021185	\$292
6" x 3' (6" x 91.44cm) Discharge Head	047004	\$211
6" Adjustable Support Bracket	021032	\$223
E-Z Off Motor Mount	047917	\$111
Belt Shield 16"/20" (40.64cm or 50.8cm) Pulleys	047915	\$138
Drive Kit, 16" x 2-Belt	022606	\$117



## Basic Super-Flow and Twin Sweep Super-Flow Prices

(Two part numbers are required from this page.)

### Step 1: Order Main Unit (Order 1)

Bin Diameter	<b>Single Sweep unit</b> 650 BPH continuous flow unloading rate.*				<b>Two Sweep unit</b> 700 BPH continuous flow unloading rate.*			
	6" Super-Flow Base	List Price	8" Super-Flow Base	List Price	6" Twin Sweep Super-Flow Base	List Price	8" Twin Sweep Super-Flow Base	List Price
24'	011411	\$5,235	011420	\$5,581	011430	\$6,469	011439	\$6,815
25'	011412	\$5,289	011422	\$5,635	011431	\$6,534	011464	\$6,879
27'	011413	\$5,611	011423	\$6,065	011432	\$6,915	011441	\$7,369
28'	011414	\$5,662	011424	\$6,116	011463	\$6,978	011461	\$7,433
30'	011415	\$5,983	011425	\$6,544	011434	\$7,358	011443	\$7,918
31'	011416	\$6,034	011426	\$6,595	011435	\$7,421	011444	\$7,982
33'	011417	\$6,260	011427	\$6,887	011436	\$7,726	011462	\$8,354
36'	011418	\$6,706	011428	\$7,468	011437	\$8,226	011446	\$8,987
42'	011419	\$6,977	011429	\$7,776	011438	\$8,513	011447	\$9,312

**Included**

- Underbin Auger and Tube, •Center Hopper and Gearboxes, •Control Rod, •Hard-surfaced Tapered Sweep(s) with Circu-Drive, and •Cast Iron Propelling Wheel, Outside Wear Plate & Circu-Drive Wear Plate.

**Not included**

- Box of parts, •Belt shield, or •the Vertical Discharge Auger. These items can be ordered using the information below.

\*The Continuous flow unloading rate is the rate at which the tapered sweep(s) unload the bin. The Drying rate is contingent on many factors. Please consult NECO for specific drying rate calculations. Bin unloading capacities when unloading from the center of the bin with the slide gate open are as shown on the right.

**Bin Unloading Capacity**

Auger Diameter	Bushels per Hour (BPH)
6"	800-1,000
8"	1,600 - 1,800

### Step 2: Order Discharge Type (Order 1)

#### Discharges for Super-Flow and Twin Sweep Super-Flow

Prices shown are without the Motor Pulley.

Discharge Type	6" Diameter		8" Diameter	
	Part Number	List Price	Part Number	List Price
Horizontal Unloading	011449	\$1,226	011454	\$1,290
Vertical 13' (3.962m)	011450	\$2,451	011455	\$3,052
Vertical 16' (4.877m)	011451	\$2,589	011456	\$3,184
Vertical 19' (5.791m)	011452	\$2,638	011457	\$3,333
Vertical 20' (6.096m)	011453	\$3,336	011458	\$3,435

**NOTE:**

- A 3.2" (8.128cm) 3-Groove (3-belt) pulley is needed for Super-Flow.
- A 4: 3-groove (3-belt) pulley is needed for Twin Sweep Super-Flow.

**NOTE:**

- You must match the unloader size on the Flow system chosen (see Step 1 above) to the horizontal or vertical unloader. Vertical augers are designed to run at 1½ times the speed of the horizontal augers so as to match the capacity of the same-sized horizontal auger.
- Refer to page FL-1 For Horsepower (hp) requirements.
- Order the Control Box From Page FL-2.



## Super-Flow and Twin Sweep Super-Flow Bill of Lading Prices

### Main Unit

Bill of Lading Item	24'	25'	27'	28'	30'	31'	33'	36'	42'
6" Underbin Tube	001190	001190	001192	001192	001193	001193	001199	001200	036310
6" Underbin Auger	011077	011077	011078	011078	011079	011079	011080	011081	011082
8" Underbin Tube	001216	001216	001217	001217	001218	001218	001220	001221	001224
8" Underbin Auger	011332	011332	011340	011340	011286	011286	011459	011347	011460
Super-Flow Circu-Drive Wear Plates (Number needed)	010395 (24)	010395 (25)	010395 (27)	010395 (28)	010395 (30)	010395 (31)	010395 (33)	010395 (36)	010395 (42)
TSSF Circu-Drive Wear Plates (Number needed)	010395 (25)	010395 (26)	010395 (28)	010395 (29)	010395 (31)	010395 (32)	010395 (34)	010395 (37)	010395 (43)
Outside Wear Track (Number needed)	010493 8	010493 8	010493 9	010493 9	010493 10	010493 10	010493 11	010493 12	010493 14
Control Rod	010244	010244	010245	010245	010246	010246	010247	010248	010250
Protective Hood	011135	011135	011135	011135	011135	011135	011135	011135	011135
Super-Flow Tapered Sweep with Hardened-surface and Circu-Drive®	011023	011024	011025	011026	011027	011028	011029	011032	011035
Twin Sweep Super-Flow® Tapered Sweeps with Hardened-Surface and Circu-Drive®(Price for a pair)	012027	012028	012029	012030	012031	012032	012033	012034	012296

### Hopper Assembly

Description	Part Number	List Price
6" Super-Flow Hopper with Gearboxes	011113	\$4,641
8" Super-Flow Hopper with Gearboxes	011410	\$4,830
6" Twin Sweep Super-Flow Hopper with Gearboxes	011262	\$4,972
8" Twin Sweep Super-Flow Hopper with Gearboxes	011282	\$5,126

### Discharge Type

Bill of Lading Item	Part		6"	8"	6"x13'	6"x16'	6"x19'	6"x20'	8"x13'	8"x16'	8"x19'	8"x21'
	Number	List Price	horizontal 011449	horizontal 011454	vertical 011450	vertical 011451	vertical 011452	vertical 011453	vertical 011455	vertical 011456	vertical 011457	vertical 011458
6" Horizontal--Box of Parts	011000	\$1,372	1									
8" Horizontal--Box of Parts	011283	\$1,643		1								
6" Vertical <=19' (5.791m)--Box of parts	011013	\$1,956			1	1	1					
6" Vertical >=20' (6.096m)--Box of parts	011310	\$2,112					1					
8" Vertical--Box of Parts	011327	\$2,187						1	1	1	1	
6" Vertical Assembly x 13' (3.962m)	014220	\$1,302			1							
6" Vertical Assembly x 16' (4.877m)	014543	\$1,494				1						
6" Vertical Assembly x 19' (5.791m)	014240	\$1,529					1					
6" Vertical Assembly x 20' (6.096m)	014213	\$1,812						1				
8" Vertical Assembly x 13' (3.962m)	014221	\$1,748							1			
8" Vertical Assembly x 16' (4.877m)	014241	\$1,855								1		
8" Vertical Assembly x 19' (5.791m)	014514	\$1,985									1	
8" Vertical Assembly x 21' (6.401m)	014639	\$2,111										1
6" Horizontal Belt Shield	010341	\$33	1	1								
6" Vertical Belt Shield	010351	\$108			1	1	1	1				
8" Vertical Belt Shield	012168	\$138							1	1	1	1
8" 45° Spout	035171	\$224							1	1	1	1
6" Bin Bracket	014253	\$142			1	1	1	1				
8" Bin Bracket	014254	\$147							1	1	1	1
6" Cable Brace Kit	036227	\$95	1									
8" Cable Brace Kit	010800	\$126		1								



## Basic Commercial-Flow Prices

Two Sweep unit 1500 BPH continuous flow unloading rate.\*

### Includes

- Under bin Tube, Auger and Discharge Head with 3051 Reducer Drive
- Center Hopper with Double Gear Box
- Two Tapered Sweep Augers with Hard-Surfacing and Circu-Drive®
- Circu-Drive® wear track
- Center Hopper control rod
- Wear Plate for cast-iron wheel
- Horizontal Belt Shield
- 2-Groove Driven Pulley and Belts
- Protective Hood Assembly
- Box of Parts for Horizontal Discharge
- Motor Mount Cable Brace Kit

Bin Diameter	Commercial Flow Base Part Number	List Price
24'	013154	\$12,810
25'	013190	\$12,341
27'	013155	\$12,590
28'	013191	\$12,679
30'	013156	\$12,934
31'	013192	\$12,685
33'	013157	\$13,237
36'	013158	\$13,618
42'	013159	\$14,053
48'	013160	\$15,185

### Not included

- 4" (10.16cm) OD two-groove Motor Pulley (Must be ordered separately)

**Please refer to page FL-1 to determine needed power (hp or kW).**

**Please order Control Box from Page FL-2.**

**Add to the Commercial-Flow® prices as required\*.**

Description	Part Number	List Price	Weight	
			lb	kg
8"x13' (8"x3.962m) Vertical Unloading Auger with Adjustable Bin Bracket and 45° Spout (fixed)	013027	\$2,124	354	161

\*This option requires a separate 5 hp (3.728 kW) motor to run the vertical auger. It is also important to allow for an extra control within the Deluxe Automatic Control Box for this motor. Order Control Box from Page FL-2.)

### Optional Flex spout for Vertical Discharge Auger

Description	Part Number	List Price	Weight	
			lb	kg
8"x5' (8"x1.524m) Flex Spout	035176	\$131	16	7
8"x10 (8"x3.048m) Flex Spout	036433	\$242	31	14
Square Flange Ring Adapter (to adapt the vertical spout to fit Flex Spouts)	035216	\$62	8	4

### Important

Bin wall Stiffeners and Extra Floor Supports are required with all Flow Drying systems. Please order them from Page FL-3.



## Commerical-Flow Bill of Lading Prices

### Main Unit

Bill of Lading Item	24'	25'	27'	28'	30'	31'	33'	36'	42'	48'
Protective Hood	011139 \$433	011139 \$433	011139 \$433	011139 \$433	011139 \$433	011139 \$433	011139 \$433	011139 \$433	011139 \$433	011139 \$433
Center Hopper with Gearbox Assembly	013142 \$9,381	013142 \$9,381	013142 \$9,381	013142 \$9,381	013142 \$9,381	013142 \$9,381	013142 \$9,381	013142 \$9,381	013142 \$9,381	013142 \$9,381
8" Underbin Auger & Tube Assembly with 3051 Reducer Drive	013069 \$4,343	013069 \$4,343	013069 \$4,343	013069 \$4,343	013069 \$4,343	013069 \$4,343	013069 \$4,343	013069 \$4,343	013069 \$4,343	013069 \$4,343
Control Rod for Center Hopper	013107 \$58	013107 \$58	013107 \$58	013107 \$58	013107 \$58	013107 \$58	013107 \$58	013107 \$58	013107 \$58	013107 \$58
Commercial-Flow Tapered Sweeps (2) Hard Surfaced & Circu-Drive®	013006 \$1,393	013007 \$1,386	013008 \$1,439	013009 \$1,416	013010 \$1,504	013011 \$1,458	013012 \$1,572	013015 \$1,606	013019 \$1,710	013141 \$1,616
Circu-Drive Wear Plates	010395 (24) \$14/ea	010395 (25) \$14/ea	010395 (27) \$14/ea	010395 (28) \$14/ea	010395 (30) \$14/ea	010395 (31) \$14/ea	010395 (33) \$14/ea	010395 (36) \$14/ea	010395 (42) \$14/ea	010395 (48) \$14/ea
Outside Wear Track	010493 (8) \$36/ea	010493 (8) \$36/ea	010493 (9) \$36/ea	010493 (9) \$36/ea	010493 (10) \$36/ea	010493 (10) \$36/ea	010493 (11) \$36/ea	010493 (12) \$36/ea	010493 (14) \$36/ea	010493 (16) \$36/ea
Horizontal--Box of Parts	013143 \$892	013143 \$892	013143 \$892	013143 \$892	013143 \$892	013143 \$892	013143 \$892	013143 \$892	013143 \$892	013143 \$892
8" Cable Brace Kit	010800 \$126	010800 \$126	010800 \$126	010800 \$126	010800 \$126	010800 \$126	010800 \$126	010800 \$126	010800 \$126	010800 \$126

### 8" Vertical Auger Kit for Commercial Flow 013193

Description	Part Number	List Price	Weight lb	kg
8" x 10' Heavy-duty Auger and Tube Extension with Connection	048649	\$611	160	73
8" Adjustable Bin Bracket	014528	\$129	23	10
Drive Kit 12" x 1¼" 2-Belt	022024	\$79	6	3
8" Vertical Force-Feed Intake Boot	022931	\$455	53	24
8" Outlet Vertical Force-Feed Boot with Flippers	047533	\$266	10	5
Box of Parts EZ Off Motor Mount	047917	\$111	25	11
Plastic Belt Shield to 14" Pulley	047182	\$84	10	5
8" 45° Spout	036551	\$138	27	12
8" Discharge Head	047005	\$229	40	18



Conversion Table				
<b>Length Conversion</b> ' = foot or feet " = inch or inches  ¼" = 0.635 cm ½" = 1.27 cm ¾" = 1.905 cm 1" = 2.54 cm 1¼" = 3.175 cm 1½" = 3.81 cm 1¾" = 4.445 cm 2" = 5.08 cm 3" = 7.62 cm 3.2" = 8.128 cm 4" = 10.16 cm 5" = 12.7 cm 6" = 15.24 cm 7" = 17.78 cm 7½" = 19.05 cm 8" = 20.32 cm 9" = 22.86 cm  10" = 25.40 cm 11" = 27.94 cm 12" = 30.48 cm 13" = 33.02 cm 14" = 35.56 cm 15" = 38.10 cm 16" = 40.64 cm 18" = 45.72 cm 18.4" = 46.74 cm  20" = 50.8 cm 22" = 55.88 cm 24" = 60.96 cm 27" = 68.58 cm 28" = 71.12 cm 30" = 76.2 cm 30½" = 77.47 cm 32" = 81.28 cm 33" = 83.82 cm 36" = 91.44 cm 43" = 109.2 cm 52" = 132.1 cm 63" = 160 cm	1' = 0.3048 meters 2' = 0.6096 meters 3' = 0.9144 meters 4' = 1.219 meters 4'8" = 1.422 meters 5' = 1.524 meters 6' = 1.829 meters 7' = 2.134 meters 7'6" = 2.286 meters 8' = 2.438 meters 9' = 2.743 meters  10' = 3.048 meters 11' = 3.353 meters 12' = 3.658 meters 13' = 3.962 meters 14' = 4.267 meters 15' = 4.572 meters 16' = 4.877 meters 17' = 5.182 meters 18' = 5.486 meters 19' = 5.791 meters  20' = 6.096 meters 21' = 6.401 meters 22' = 6.706 meters 23' = 7.01 meters 24' = 7.315 meters 25' = 7.62 meters 26' = 7.925 meters 27' = 8.23 meters 28' = 8.534 meters 29' = 8.839 meters  30' = 9.144 meters 31' = 9.449 meters 32' = 9.754 meters 33' = 10.06 meters 34' = 10.36 meters 35' = 10.67 meters 36' = 10.97 meters 37' = 11.28 meters 38' = 11.58 meters 39' = 11.89 meters	40' = 12.19 meters 41' = 12.5 meters 42' = 12.8 meters 43' = 13.11 meters 44' = 13.41 meters 45' = 13.72 meters 46' = 14.02 meters 47' = 14.33 meters 48' = 14.63 meters 49' = 14.94 meters  50' = 15.24 meters 51' = 15.54 meters 52' = 15.85 meters 53' = 16.15 meters 54' = 16.46 meters 55' = 16.76 meters 56' = 17.07 meters 57' = 17.37 meters 58' = 17.68 meters 59' = 17.98 meters  60' = 18.29 meters 61' = 18.59 meters 62' = 18.9 meters 63' = 19.2 meters 64' = 19.51 meters 65' = 19.81 meters 66' = 20.12 meters 67' = 20.42 meters 68' = 20.73 meters 69' = 21.03 meters  70' = 21.34 meters 71' = 21.64 meters 72' = 21.95 meters 73' = 22.25 meters 74' = 22.56 meters 75' = 22.86 meters 76' = 23.16 meters 77' = 23.47 meters 78' = 23.77 meters 79' = 24.08 meters	80' = 24.38 meters 81' = 24.69 meters 82' = 24.99 meters 83' = 25.3 meters 84' = 25.6 meters 85' = 25.91 meters 86' = 26.21 meters 87' = 26.52 meters 88' = 26.82 meters 89' = 27.13 meters  90' = 27.43 meters 91' = 27.74 meters 92' = 28.04 meters 93' = 28.25 meters 94' = 28.65 meters 95' = 28.96 meters 96' = 29.26 meters 97' = 29.57 meters 98' = 29.87 meters 99' = 30.18 meters 100' = 30.48 meters  101' = 30.78 meters 102' = 31.09 meters 103' = 31.39 meters 104' = 31.7 meters 105' = 32 meters 106' = 32.31 meters 107' = 32.61 meters 108' = 32.92 meters 109' = 33.22 meters 110' = 33.53 meters  111' = 33.83 meters 112' = 34.14 meters 113' = 34.44 meters 114' = 34.75 meters 115' = 35.05 meters 116' = 35.36 meters 117' = 35.66 meters 118' = 35.97 meters 119' = 36.27 meters	120' = 36.58 meters 121' = 36.88 meters 122' = 37.19 meters 123' = 37.49 meters 124' = 37.8 meters 125' = 38.1 meters 126' = 38.4 meters 127' = 38.71 meters 128' = 39.01 meters 129' = 39.32 meters

Conversion Factors			
<b>Abbreviations</b>  ' = foot or feet " = inch or inches  lb = pound kg = kilogram  cm = centimeter m = meter  hp = horsepower kW = kilowatt hz = hertz	<b>Distance and Length</b>  centimeter x 0.394 = inches centimeter x 0.03281 = feet meter x 3.281 = feet  inches x 2.540 = centimeters feet x 30.48 = centimeters feet x 0.3049 = meters	<b>Weight and Mass</b>  pounds x 0.454 = kilogram  kilogram x 2.205 = pounds	<b>Power</b>  horsepower x 0.746 = kilowatts  kilowatts x 1.34 = horsepower



FLOW DRYING SYSTEMS

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