



360 Yield Center EQUI-FLOW

2016 Order & Retail Price Guide

Issued June 23, 2016

Order a 360 EQUI-FLOW™ System

Toolbar Brand / model to be installed on	
# of rows on toolbar	
# of toolbar sections to be installed	
Row spacing (in inches)	
Estimated speed (mph)	
Application rate (#N/acre)	
Season(s) of use? (fall, spring, summer)	
Supply line size from nurse tanks? (1 1/4", 1 1/2")	
Controller make & model	
Guage tree wanted (yes / no)	
N-Serve Injection Kit (yes / no)	

Step 1 - 360 EQUI-FLOW™ Base Unit

Select the **EQUI-FLOW Base Unit**

Quantity needed: One

470000	Equiflow Base Unit
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Step 2 - Supply Line Fittings

Select the supply line fittings from the nurse tank to tower. Must match supply line sizing.

Quantity needed: a fitting is needed for one supply line, with a plug for the other

470631	Reducer - 2" - 1-1/2"
470632	Reducer - 2" - 1-1/4"
470633	2" Plug
470634	1-1/2" MPT to FPT elbow
470635	1-1/4" MPT to FPT elbow

If you intend to install sectional control, use the left column, if a single toolbar section use the right column.

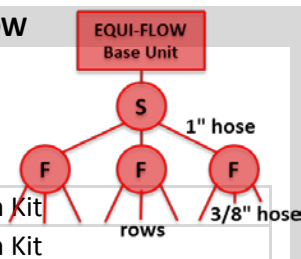
SPLITTER → FLOW DIVIDER → ROW

Step 3 - Port Splitter

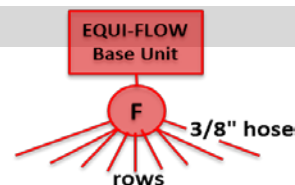
Select the relevant port splitter

Quantity needed: one

470600	4 Port Splitter Connection Kit
470601	6 Port Splitter Connection Kit



FLOW DIVIDER → ROW



Step 4 - Splitter Fitting Kits

Select type of fittings to be used in the splitter

Quantity needed: the total fittings + plugs must equal the total # of ports (both used and unused) on the selected splitter.

470651	Swivel - 1" x 1" Male to Female - NPT
470652	Swivel - 1" 45 Deg Elbow
470653	Swivel - 1" 90 Deg Elbow
470654	1" Plug

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Step 5 - 1" Anhydrous Hose

Select the length of 1" section supply line from splitters to section flow dividers. All sections should use equal length hose.

Quantity needed: same quantity as # of flow dividers

471010	10' - 1" Anhydrous Hose
471015	15' - 1" Anhydrous Hose
471020	20' - 1" Anhydrous Hose
471025	25' - 1" Anhydrous Hose
471030	30' - 1" Anhydrous Hose

Step 6S - Flow Divider

Select type of flow divider to be used for each section. Each section should use a flow divider with the same # of ports.

Quantity needed: one per section, as desired

470606	IP-0600 - 6 port flow divider
470613	IP-1300 - 13 port flow divider
470618	IP-1800 - 18 port flow divider

Step 7 - Section Components

Part A - Section Accessories Kit

Select the framework for the section kit.

Quantity needed: one per section

470640	Section Accesories Kit - 12" Bracket
470641	Section Accesories Kit - 18" Bracket

Part B - Section Strainer Kits

Select flow divider strainer kits.

Quantity needed: one per section

470655	Section Strainer Kit
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Part C - Inline Orifice Filters

Select in-line orifice filters.

Quantity needed: one per each plumbed row into flow dividers, on the base unit or on the section flow dividers

470670	Orifice Plate Strainer
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Step 6F - Flow Divider

Select flow divider unit

Quantity needed: one

470610	13 port Flow Divider & Base Unit Connection Kit
470611	18 port Flow Divider & Base Unit Connection Kit

Step 7 - Section Components (Continued)

Part D - Section Control Harnesses

Select the section control harnesses reaching from the on/off valve to the flow adapter cable.

Quantity needed: one per section kit

470520	Section Control Extension Harness - 30 ft
470521	Section Control Extension Harness - 20 ft
470522	Section Control Extension Harness - 40 ft

steps merge at this point

Step 8 - Flow Divider Fittings

Select number of flow divider accessory kits to be plumbed into flow divider

Quantity needed: the number of Accessory Kits should equal the number of rows on the toolbar. (i.e. 24 row bar requires 24 kits).

470660	Flow Divider Accessory Kit - No Gauge Tree
470665	Flow Divider Accessory Kit - Gauge Tree

Step 9 - Orifices

Select orifice size. See orifice selection guide.

Quantity needed: one for each application row plumbed to flow divider

418215	Orifice Plate - 115
418210	Orifice Plate - 110
418203	Orifice Plate - 103
418298	Orifice Plate - 98
418295	Orifice Plate - 95
418293	Orifice Plate - 93
418291	Orifice Plate - 91
418289	Orifice Plate - 89
418286	Orifice Plate - 86
418283	Orifice Plate - 83
418281	Orifice Plate - 81
418278	Orifice Plate - 78
418275	Orifice Plate - 75
418273	Orifice Plate - 73
418270	Orifice Plate - 70
418267	Orifice Plate - 67
418265	Orifice Plate - 65
418263	Orifice Plate - 63
418261	Orifice Plate - 61

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Step 10 - 3/8" EPDM Black Fertilizer Hose

Select 3/8" fertilizer line to connect knives to flow divider(s). Shipped in one bulk roll. All rows should use equal length hose.

Quantity needed: as measured

471110	100 ft roll - 3/8" EPDM Black Fertilizer Hose
471125	250 ft roll - 3/8" EPDM Black Fertilizer Hose
471150	500 ft roll - 3/8" EPDM Black Fertilizer Hose

Step 11 - Warm Knife Tubes (Optional)

Select type of warm knife tubes wanted.

Quantity needed: number of rows

471300	Warm Knife Tubes - 3/16" O.D.
471310	Warm Knife Tubes - 1/4" O.D.

Diameter	Knives
3/16"	bent 3/8" AA tubes
1/4"	straight 3/8" AA tubes

Step 12 - Gauge Tree (Optional)

Part A - Gauge Tree Stand

Order a gauge tree stand. It provides the framework for the tree.

Quantity needed: one

471500	Gauge Tree Stand
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Part B - Gauge Tree Kits

Select type of pressure gauge trees desired

Quantity needed: one

471518	Up to 18 Row Gauge Tree Kit
471526	Up to 26 Row Gauge Tree Kit

Part C - Pressure Gauge Kits

Select pressure gauge kits

Quantity needed: one gauge kit per row

471530	Gauge Kit
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Part D - 1/4" EVA Tubing

Select 1/4" EVA tubing to go from gauge tree to flow divider(s). Shipped in one bulk row.

Quantity needed: sum of distances for each row from the flow divider to the gauge tree

471210	100 ft roll - 1/4" EVA Tubing
471225	250 ft roll - 1/4" EVA Tubing
471250	500 ft roll - 1/4" EVA Tubing

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ADDITIONAL OPTIONS

1/2" Hydraulic Supply Line

Select 1/2" hydraulic supply line. Only to be used for the single hose supplying hydraulic fluid to the pump.

Quantity needed: one

473005	1/2" Hydraulic Hose - 15'
473006	1/2" Hydraulic Hose - 20'
473007	1/2" Hydraulic Hose - 25'
473008	1/2" Hydraulic Hose - 30'

3/4" Hydraulic Return Line

Select 3/4" hydraulic return line. Only to be used for the single hose returning hydraulic fluid to the sump/case drain on tractor.

Quantity needed: one

473015	3/4" Hydraulic Hose - 15'
473016	3/4" Hydraulic Hose - 20'
473017	3/4" Hydraulic Hose - 25'
473018	3/4" Hydraulic Hose - 30'

N-serve Injection Adapter Port Kits

Select N-serve injection adapter port kits.

Quantity needed: one

471700	N Serve Injection Adapter Port Kit
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Pressure Transducers

Select pressure transducers to be used with the system. Two plugged ports are available on the base unit.

Quantity needed: up to two

471601	Pressure Transducer
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Flow Adapter Cables

Select flow adapter cables. These connect from the base unit to the extension harness. Extension harnesses are not provided. If the cable that you need is not listed below please call 360 Yield Center Product support to connect to an engineer to develop a cable for your needs.

Quantity needed: one

470503	Connection Cable - John Deere Flow Cable Adapter - Single Section
470506	Connection Cable - Raven ISO
470507	Connection Cable - Raven CAN



Step 1: 360 EQUI-FLOW™ Base Unit

		Retail Price	Qty	Ext
470000	Equiflow Base Unit	10,400.00		

Step 2: Supply Line Fittings

		Retail Price	Qty	Ext
470631	Reducer - 2" - 1-1/2"	28.00		
470632	Reducer - 2" - 1-1/4"	27.00		
470633	2" Plug	18.00		
470634	1-1/2" MPT to FPT elbow	64.00		
470635	1-1/4" MPT to FPT elbow	26.00		

Step 3: Port Splitter

		Retail Price	Qty	Ext
470600	4 Port Splitter Connection Kit	531.00		
470601	6 Port Splitter Connection Kit	604.00		

Step 4: Splitter Fitting Kits

		Retail Price	Qty	Ext
470651	Swivel - 1" x 1" Male to Female - NPT	10.00		
470652	Swivel - 1" 45 Deg Elbow	14.00		
470653	Swivel - 1" 90 Deg Elbow	14.00		
470654	1" Plug	5.00		

Step 5: 1" Anhydrous Hose

		Retail Price	Qty	Ext
471010	10' - 1" Anhydrous Hose	140.00		
471015	15' - 1" Anhydrous Hose	210.00		
471020	20' - 1" Anhydrous Hose	280.00		
471025	25' - 1" Anhydrous Hose	350.00		
471030	30' - 1" Anhydrous Hose	420.00		

Step 6S: Flow Divider (Splitter → Flow Divider → Rows)

		Retail Price	Qty	Ext
470606	IP-0600 - 6 port flow divider	408.00		
470613	IP-1300 - 13 port flow divider	500.00		
470618	IP-1800 - 18 port flow divider	679.00		

Step 6F: Flow Divider (Flow Divider → Rows)

		Retail Price	Qty	Ext
470610	13 port Flow Divider & Base Unit Connection Kit	567.00		
470611	18 port Flow Divider & Base Unit Connection Kit	746.00		

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Step 7: Section Components

		Retail Price	Qty	Ext
470640	Section Accesories Kit - 12" Bracket	988.00		
470641	Section Accesories Kit - 18" Bracket	988.00		
470655	Section Strainer Kit	554.00		
470670	Orifice Plate Strainer	13.00		
470520	Section Control Extension Harness - 30 ft	75.00		
470521	Section Control Extension Harness - 20 ft	75.00		
470522	Section Control Extension Harness - 40 ft	75.00		

Step 8: Flow Divider Fittings & Plugs

		Retail Price	Qty	Ext
470660	Flow Divider Accessory Kit - No Gauge Tree	42.00		
470665	Flow Divider Accessory Kit - Gauge Tree	49.00		

Step 9: Orifices

		Retail Price	Qty	Ext
418215	Orifice Plate - 115	3.50		
418210	Orifice Plate - 110	3.50		
418203	Orifice Plate - 103	3.50		
418298	Orifice Plate - 98	3.50		
418295	Orifice Plate - 95	3.50		
418293	Orifice Plate - 93	3.50		
418291	Orifice Plate - 91	3.50		
418289	Orifice Plate - 89	3.50		
418286	Orifice Plate - 86	3.50		
418283	Orifice Plate - 83	3.50		
418281	Orifice Plate - 81	3.50		
418278	Orifice Plate - 78	3.50		
418275	Orifice Plate - 75	3.50		
418273	Orifice Plate - 73	3.50		
418270	Orifice Plate - 70	3.50		
418267	Orifice Plate - 67	3.50		
418265	Orifice Plate - 65	3.50		
418263	Orifice Plate - 63	3.50		
418261	Orifice Plate - 61	3.50		

Step 10: 3/8" EPDM Black Fertilizer Hose

		Retail Price	Qty	Ext
471110	100 ft roll - 3/8" EPDM Black Fertilizer Hose	52.00		
471125	250 ft roll - 3/8" EPDM Black Fertilizer Hose	130.00		
471150	500 ft roll - 3/8" EPDM Black Fertilizer Hose	260.00		

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Step 11: Warm Knife Tubes (Optional)

		Retail Price	Qty	Ext
471300	Warm Knife Tubes - 3/16" O.D.	15.00		
471310	Warm Knife Tubes - 1/4" O.D.	15.00		

Step 12: Gauge Tree (Optional)

		Retail Price	Qty	Ext
471500	Gauge Tree Stand	119.00		
471518	Up to 18 Row Gauge Tree Kit	35.00		
471526	Up to 26 Row Gauge Tree Kit	43.00		
471530	Gauge Kit	99.00		
471210	100 ft roll - 1/4" EVA Tubing	48.00		
471225	250 ft roll - 1/4" EVA Tubing	120.00		
471250	500 ft roll - 1/4" EVA Tubing	240.00		

1/2" Hydraulic Supply Line

		Retail Price	Qty	Ext
473005	1/2" Hydraulic Hose - 15'	75.00		
473006	1/2" Hydraulic Hose - 20'	100.00		
473007	1/2" Hydraulic Hose - 25'	125.00		
473008	1/2" Hydraulic Hose - 30'	150.00		

3/4" Hydraulic Return Line

		Retail Price	Qty	Ext
473015	3/4" Hydraulic Hose - 15'	94.00		
473016	3/4" Hydraulic Hose - 20'	125.00		
473017	3/4" Hydraulic Hose - 25'	156.00		
473018	3/4" Hydraulic Hose - 30'	188.00		

N-serve Injection Adapter Port Kits

		Retail Price	Qty	Ext
471700	N Serve Injection Adapter Port Kit	102.00		

Pressure Transducers

		Retail Price	Qty	Ext
471601	Pressure Transducer	190.00		

Flow Adapter Cables

		Retail Price	Qty	Ext
470503	Connection Cable - John Deere Flow Cable Adapter - Single Section	301.00		
470523	Raven Harness, Master/On/Off Valve Pin Out	35.00		
470524	Raven Harness, Control Valve Pin Outs	35.00		
470525	Raven Harness, Flow Meter Pin Outs	75.00		

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360 EQUI-FLOW™ Base Unit Replacement Parts

		Retail Price	Qty	Ext
470105	Equiflow Base Caution Decal	20.00		
470106	Equiflow Base - Warning Decal	20.00		
470200	6" Tower Assembly	5,055.00		
470221	Magnet - Filter Strainer	90.00		
470223	Cap - 5" Filter Tower	140.00		
470225	Clamp - 5" Filter Tower - Black - Includes Bolts, Nuts and Gasket	166.00		
470227	Clamp - 6" Filter Tower - Black - Includes Bolts, Nuts and Gasket	198.00		
470230	6" Separation Tower Cap Assembly	1,250.00		
470231	Cap - 6" Separation Tower - Black	230.00		
470232	Splash Plate - 6" Separation Tower	35.00		
470233	Tower Liquid Level Sensor & Float	160.00		
470237	Pipe Coupling - 1/4" Male to Female	2.00		
470238	Stud - SS 3/8" x 1"	4.80		
207059	Nut - 3/8" SS Hex Flange Nut	0.75		
470239	Reducer - 3/8" Male JIC to 1/4" Male	1.25		
470240	Reducer - 3/8" Female JIC to 1/4" Male	2.80		
470241	Solenoid Valve	250.00		
470242	Orifice Body - SS Male 1/4 TT Body	18.50		
470243	Orifice Plate - SS CP4916-125	4.25		
470244	Pipe Outlet Adapter - 1/8" SS Female	22.50		
470245	Orifice Body Nut - SS	10.15		
470246	Hose Barb - SS 1/8" Pipe to 3/8" Barb	6.25		
470247	Weather Pack Plug Set - Female	4.80		
470248	Weather Pack Plug Set - Male	4.80		
470249	Weather Pack Plug Set - 4 Connection	4.80		
470250	Elbow - 3/8" Male JIC to 1/4" Male Pipe	1.65		
470251	Pipe Plug - 1/4"	1.00		
470252	Pressure Bleed Off Valve	17.00		
470253	Separation Tower Decal	25.00		
470254	Filter Tower Decal	20.00		
470256	Filter Strainer Basket - 50 Mesh	125.00		
470255	Lower Separation Tower Decal	20.00		
207056	Bolt - 5/8" x 1-1/2" Grade 8	3.20		
207057	Washer - 5/8" Lock Grade 8	0.35		
207058	Washer - 5/8" Flat Grade 8	0.75		
470300	Equiflow Pump Assembly	4,285.00		
470301	Clamp - 2" Filter Tower - Black - Includes Bolts, Nuts and Gasket	74.00		
470303	Hydraulic Pump w/ Motor	3,500.00		
470305	Elbow - 1-1/2" Male to Female Pipe - with 1 1/8" and 2 1/4" Female Ports	110.00		
470308	Tee - 1/4" Male Pipe, 1/4" Female Pipe, 5/16" Male JIC	8.25		
470309	Hose - SS Braided 1/4" x 25" w/ 9/16" JIC Female Fittings	190.00		

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360 EQUI-FLOW™ Base Unit Replacement Parts (Continued)

		Retail Price	Qty	Ext
470310	Pressure Gauge - 300 PSI	168.00		
470311	Valve - 250 PSI Hydrostatic Pressure Relief Valve	35.00		
470312	Coupling - 1-1/2" Male Pipe to Male JIC Fitting	12.75		
470313	Elbow - 1-1/2" JIC Female to Male Pipe	65.00		
470314	Coupling - 1-1/2" Female Pipe	36.75		
470315	Pump Spacer Plate	8.40		
207046	Nut - 7/16" Top Lock	0.30		
207047	Washer - 7/16" Zinc Flat	0.15		
207048	Bolt - 7/16" x 2" Zinc	0.65		
470400	Base Unit Manifold Assembly	3,470.00		
470402	Manifold Mounting Bracket	8.00		
470403	Flowmeter - 1-1/2" Low Flow	815.00		
470405	Nipple - 1-1/2" Male to Male Pipe	16.00		
470407	Servo Valve Assembly - 1-1/2"	1,150.00		
470406	Master Valve Assembly - 1-1/2"	1,085.00		
470408	Coupling - 1-1/2" Male Pipe to 1-1/2" JIC Female Fitting	55.00		
470422	Tee - 1/4" Male Pipe, 1/4" Female Pipe, 1/4" Male pipe thread - Nickel Pl	4.75		
470410	Reducer - 1-1/2" male JIC to 1-1/4" male pipe fitting	17.50		
470411	Tee - 1-1/4" female pipe TEE with 3/8" female pipe port	67.65		
470414	Bushing - 1-1/4" male pipe with 1/4 female pipe port	25.50		
470415	Nipple - 1-1/4" male pipe	11.25		
470416	Pipe Plug - 3/8" Male	3.20		
207049	Bracket Bolt 1/2" X 1-1/2"	0.75		
207050	Bracket Nut - Top Lock - 1/2"	0.80		
207051	Washer - 1/2"	0.35		
470500	Base System Wiring Harnesses	95.00		
470501	Equiflow Power Cable	40.00		
470502	Equiflow Valve Power Cable	55.00		

Splitter and Flow Divider Replacement Parts

		Retail Price	Qty	Ext
470412	1 1/4" Female Pipe 90 Deg Elbow w/ 1/4" Female Pipe Port	55.00		
470415	Nipple - 1-1/4" male pipe	11.25		
470311	Valve - 250 PSI Hydrostatic Pressure Relief Valve	35.00		
470624	4 Port Splitter	465.00		
470626	6 Port Splitter	540.00		
470650	Nipple - 1" Male Pipe	4.50		
470421	Elbow - 1-1/4" female pipe X 1" female pipe 90* elbow with 1/4" female	55.00		
470311	Valve - 250 PSI Hydrostatic Pressure Relief Valve	35.00		
470251	Pipe Plug - 1/4"	1.00		

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Section Component Replacement Parts

		Retail Price	Qty	Ext
470651	Swivel - 1" x 1" Male to Female - NPT	10.00		
470642	1" Valve Assembly	865.00		
470645	Section Manifold Bracket Kit - Short Bracket	113.00		
470648	Section Manifold Bracket Kit - Long Bracket	113.00		

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