



## Ornamental Equipment



IPC offers a line of ornamental equipment that can compliment the lightning protection system that is being installed. Some people prefer the looks of this old style equipment and want to incorporate this into their system whether it is on a Victorian style house, a barn or some other similar application.

On the pages that follow, you will find arrows, directionals, ornaments for the points, weather vanes, tri-pod style tube points and the classic glass balls. While the majority of our glass balls are new production, a couple of styles from our old production are still available.

Over the years, there have been many misconceptions about the glass balls and their purpose. Many people believe that if the glass ball is broken or cracked that their lightning protection system is no longer functional. The first lightning rod glass ball patent was issued in 1839 and the purpose or intent says it all: "An ornament or enhancement for a lightning rod point." Other than ornamentation, there is really no other purpose for the glass balls. If you have broken balls on your system, your system is fine but you may eventually want to replace them for general aesthetics.

Our recommendation is that any type of ornamental equipment be bonded into a lightning protection system. Many people purchase weather vanes and other ornamental products strictly for aesthetic reasons. We make no recommendations for these stand alone systems.

From time to time, delivery may be extended on certain ornamental equipment. Today our main manufacturing focus is our structural lightning protection systems. Many years ago, ornamental equipment was very popular but this has changed over the past 10 or more years. You may always inquire about delivery and availability when placing your order.



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# Ornamental Equipment



IPC offers a limited amount of decorative or ornamental equipment. The equipment shown is for fitting to 5/8" tube points. Equipment may be combined together to meet specific needs.



**#156 - Glass Tail Aluminum Arrow** for 5/8" tube points. Glass available in the following colors: amber/gold, red, wine/purple, green, cobalt blue. Specify color when ordering. Wt. .52 lb. ea.

**#156C - Same as above only in copper.** Wt. 1.28 lb. ea.



**#157 - 18" Long Aluminum Arrow** for 5/8" tube point. Wt. .28 lb. ea.

**#157C - Same as above only in copper.** Wt. .76 lb. ea.



**#158 - 23" Long Moon and Stars** for 5/8" tube point. Wt. .42 lb. ea.

**#158C - Same as above only in copper.** Wt. 1.25 lb. ea.



**#159 - Point of Compass Vane.** Made of aluminum painted with red letters for 5/8" tube point. Wt. .62 lb. ea.

**#159C - Same as above only in copper.** Wt. 2.00 lb. ea.

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**#320 - Satellite Ornament** is manufactured from copper and shipped as natural copper. This ornament is used with the 85 Series government points or the 240W point. See the air terminal section. Wt. .58 lb. ea.

**#A320 - Same as above only in aluminum** and supplied as aluminum finish. Wt. .20 lb. ea.

**#321 - Satellite Ornament.** Same as #320 but supplied with bushings for 1/2" air terminals, 331 Series. See the air terminal section. Wt. .58 lb. ea.

**#A321 - Satellite Ornament.** Same as A320 but supplied with bushings for 1/2" OD air terminals, A331 Series. See the air terminal section. Wt. .20 lb. ea.



**#320C - Imperial Crown Ornament** made of aluminum with black satin finish paint. Approximate height is 8 1/2". Ornamental top will fit on 5/8" tube points, A100 Series, A240W air terminal or the A85 Series government points. See the air terminal section. Wt. .26 lb. ea.

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# Ornamental Equipment

## Weather Vane Assemblies



IPC offers two types of weather vanes for your selection and installation. The weather vanes come complete with a saddle base, vane stem, point of compass, a 28" arrow and your choice of ornament. The unit is approximately 32" in height, depending on the ornament selected. We offer the 3-D Deluxe Bodied Ornament and also the 500 Series which is a slightly textured design. Both series are supplied with a black satin paint finish.

All IPC weather vanes are fitted with an exclusive ball bearing design for ease of turning with the slightest breeze. IPC vanes are manufactured of special aluminum and bronze alloys that are weather resistant and rust proof to offer years of maintenance free service.

### DELUXE BODIED ORNAMENTS

3-D Effect - Used on 500 Series Weather Vane



**No. 1-D Horse**  
12" x 12"



**No. 4-D Sail Boat**  
10" x 14"



**No. 12-D Doctor and Buggy**  
16" x 8"



**No. 14-D Pointer**  
12" x 6"



**No. 26-D Cow**  
12" x 8"



**No. 29-D Duck**  
10" x 10"



**No. 33-D Hog**  
11" x 7"



**No. 34-D Squirrel**  
11" x 10"



**No. 36-D Rooster**  
8" x 11"



**No. 59-D Spinning Wheel**  
11" x 10"



**No. 62-D Lamplighter**  
6" x 11"



**No. 68-D Town Crier**  
5" x 9"

You may also install glass balls or Plastiballs to your weather vane as an additional option. See complete description in this section.

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# Ornamental Equipment

## Weather Vane Assemblies 500 Series Weather Vanes

The following ornaments are some of IPC's most commonly sold vanes. Please see description of other available vanes. We can supply pictures of other vanes upon request. Sizes shown are approximate (width x height).



No. 1-L Horse  
12" x 11"



No. 2-L  
Boy Fisherman  
13" x 10"



No. 9-L  
Jean Val Jean  
12" x 11"



No. 26-L Cow  
14" x 9"



No. 29-L  
Duck Take-off  
10" x 11"



No. 35-L Eagle  
12" x 11"



No. 40-L Deer  
13" x 11"



No. 42-L Angus Bull  
12" x 10"



No. 53-L  
Boston Terrier  
10" x 9"



No. 92-L Bicyclist  
8" x 9"

### Other Styles Available . . .

- |                                      |                                   |  |
|--------------------------------------|-----------------------------------|--|
| 3-L Gardener.....12" x 10"           | 28-L Covered Wagon .....16" x 7"  | 57-L Mink.....12" x 7"                   |
| 4-L Sailboat.....9" x 15"            | 30-L Tractor .....12" x 8"        | 58-L Show Horse and Cart .....14" x 9"   |
| 5-L Horse and Rider.....12" x 11"    | 31-L Beef Bull .....12" x 10"     | 59-L Woman at Spinning Wheel...12" x 11" |
| 6-L Jumper.....13" x 10"             | 32-L Dairy Bull.....14" x 9"      | 60-L Old Surrey .....15" x 8"            |
| 7-L Horse and Sulky .....15" x 9"    | 33-L Hog.....14" x 8"             | 61-L Horse and Carriage.....15" x 8"     |
| 8-L Sailing.....9" x 13"             | 34-L Squirrel.....14" x 11"       | 62-L Lamp Lighter.....6" x 12"           |
| 10-L Cocker Spaniel.....12" x 9"     | 36-L Rooster .....10" x 12"       | 63-L Dachshund .....11" x 8"             |
| 11-L Fisherman in Boat .....13" x 8" | 37-L Cat and Kitten .....12" x 8" | 64-L Collie .....11" x 9"                |
| 12-L Doctor in Buggy.....15" x 7"    | 38-L Stork.....13" x 10"          | 65-L Doberman .....10" x 10"             |
| 13-L Bucking Bronco.....12" x 11"    | 41-L Ayrshire Cow.....12" x 10"   | 66-L Running Horse .....14" x 8"         |
| 14-L Pointer .....14" x 9"           | 43-L Pheasants.....15" x 6"       | 67-L French Cock .....10" x 12"          |
| 15-L Terrier .....10" x 10"          | 44-L Lamb and Ewe.....14" x 8"    | 68-L Town Crier and Dog.....10" x 11"    |
| 16-L Windmill.....15" x 10"          | 45-L Turkey.....9" x 10"          | 69-L Walking Horse.....13" x 11"         |
| 17-L Hunter with Dog.....12" x 10"   | 46-L Photographer .....13" x 9"   | 70-L Caterpillar® Tractor .....9" x 6"   |
| 18-L Derby Runner.....14" x 10"      | 47-L Bee Hive.....11" x 9"        | 71-L Ford® Tractor.....11" x 8"          |
| 19-L Swinging Golfer.....14" x 10"   | 48-L Fox .....11" x 10"           | 72-L Parakeet.....8" x 9"                |
| 20-L Scotty .....11" x 10"           | 49-L Siesta .....11" x 9"         | 73-L Mare and Colt.....15" x 9"          |
| 21-L Cow and Tree .....10" x 13"     | 50-L Apple.....15" x 9"           | 74-L Old Style Airplane .....15" x 6"    |
| 22-L Cow and Calf.....16" x 8"       | 51-L Old Fire Wagon .....16" x 8" | 75-L Pine Trees.....14" x 9"             |
| 23-L Pair of Owls.....14" x 10"      | 52-L Beagle.....11" x 10"         | 76-L Mockingbird .....13" x 10"          |
| 24-L Old Locomotive .....18" x 6"    | 54-L Irish Setter .....14" x 9"   | 77-L Beaver .....12" x 9"                |
| 25-L Old Auto .....15" x 7"          | 55-L Great Dane.....10" x 9"      | 78-L Hound Dog .....11" x 10"            |
| 27-L Flying Geese .....16" x 9"      | 56-L Boxer.....12" x 10"          | 79-L Caterpillar® Grader.....14" x 6"    |

Continued on next page...

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## Other Styles Available . . .

<b>80-L Beef Cow and Calf</b> ..... 13" x 8" <b>81-L Mr. Potato</b> ..... 10" x 11" <b>82-L Press Photographer</b> ..... 8" x 9" <b>83-L Surveyor</b> ..... 8" x 10" <b>84-L Jack and Jill</b> ..... 8" x 10" <b>85-L Shepherd with Sheep</b> .. 11" x 9"	<b>86-L Cockatoo</b> ..... 16" x 8" <b>87-L Saint Bernard</b> ..... 12" x 10" <b>88-L Pair of Skaters</b> ..... 8" x 12" <b>89-L Semi-Trailer</b> ..... 16" x 7" <b>90-L Indian</b> ..... 8" x 9"	<b>91-L Wolf</b> ..... 10" x 9" <b>92-L Bicyclist</b> ..... 8" x 9" <b>93-L TV Set</b> ..... 11" x 10" <b>94-L Cherries</b> ..... 13" x 9" <b>95-L Chinchilla</b> ..... 11" x 11"
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## Full Bodied Animal Vanes

All are made of cast aluminum and painted in a gold/bronze color. For mounting to 5/8" tube points



#150 - 23" Horse Vane



#151 - 23" Cow Vane



#152 - 23" Rooster Vane



#153 - 23" Hog Vane



#154 - 23" Sheep Vane

## Tri-Pod Assembly



Older style tri-pod assemblies made of copper are available for older home styles and barns for that distinct look. The assemblies include the tri pod brace, tube point, cable coupler and glass ball or Plastiball. You may also add decorative arrows as another option. See arrows in this section. Specify "G for glass ball or "P" for Plastiballs. See descriptions and styles of balls that follow.

- |  |  |
|--|--|
| <b>#69G or P</b> - 24" tube point with 14" brace<br><b>#70G or P</b> - 30" tube point with 18" brace | <b>#71G or P</b> - 36" tube point with 24" brace<br><b>#72G or P</b> - 48" tube point with 36" brace |
|--|--|

Same description as above but furnished from aluminum materials.

- |  |  |
|--|--|
| <b>#A69G or P</b> - 24" tube point with 14" brace<br><b>#A70G or P</b> - 30" tube point with 18" brace | <b>#A71G or P</b> - 36" tube point with 24" brace<br><b>#A72G or P</b> - 48" tube point with 36" brace |
|--|--|

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## Other Accessories



**#170A** - 1/2" Copper/Bronze Pinch Type Ball Ring for 1/2" point. Wt. .02 lb. ea.

**#A170A** - Aluminum 1/2" Pinch Type Ball Ring. Wt. .01 lb. ea.



**#170** - Copper/Bronze Ball Ring with Set Screw for 5/8" solid aluminum point. Used to support a glass ball on the point. Wt. .03 lb. ea. ★

**#A170** - Aluminum Ball Ring with Set Screw. Wt. .02 lb. ea. ★



**#170W** - Wind Resistant Lock Washer for use with Plastiball on 5/8" point. Made of copper and nickel plated for use with aluminum or copper tube points. Wt. .01 lb. ea. ★



**#171** - Vane Ferrule. Made of copper and nickel plated for use with copper or aluminum tube points. Wt. .08 lb. ea. ★

IPC also offers copper balls that will provide an aesthetic enhancement to your lightning protection system. The balls are round and are supplied buffed and polished. Copper balls are supplied with a ball ring for attaching to 5/8" air terminals shown elsewhere in the catalog.

**#164C** - 4" diameter      **#166C** - 6" diameter

**#165C** - 5" diameter      **#168C** - 8" diameter

Other sizes available upon request.

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## Glass Balls

Following are glass balls available for your selection. IPC offers **reproduction** balls that are blown from the original molds. See note section below photos. All balls are furnished with aluminum ball caps and ready for placement on 5/8" diameter points. We also suggest purchase of ball rings for added security.



**No. 161W**  
4 1/2" round  
White



**No. 161A**  
4 1/2" round  
Amber



**No. 161G**  
4 1/2" round  
Green



**No. 161R**  
4 1/2" round  
Red



**No. 161CB**  
4 1/2" Round  
Cobalt Blue



**No. 165**  
3 1/2" Streamline  
White



**No. 161TG**  
4 1/2" round  
Turquoise  
*See Note Below*

**Notes:** Glass balls 161TG and 165 are original old production balls. 161 TG is only available for 7/8" diameter or for old twisted section rod applications. Number 165 is 5/8" diameter.

## Plastiballs

Plastiballs are an alternative to the more expensive glass balls. Plastiballs consist of two pieces that snap together and are made of Lucite® (plastic) material. Plastiballs are for placement on 5/8" OD tube points. Sold in complete units only.



White Plastiball

- #P160 - White Plastiball
- #P161 - Blue Plastiball
- #P164 - Red Plastiball

*All items are in stock and available for shipment within 48 hours.*



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