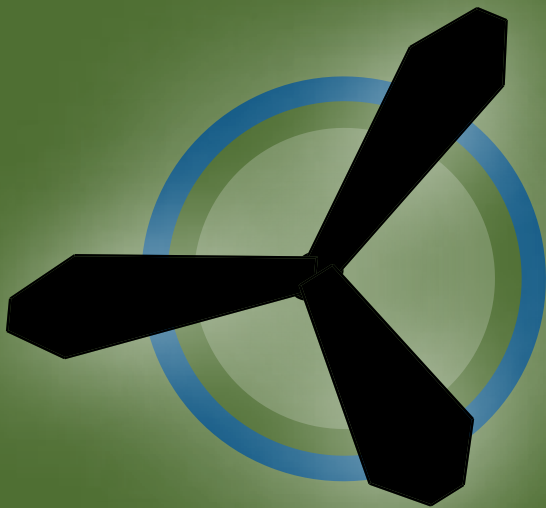




# Tower Guide



Wind Energy  
**Direct**

# Wind Towers

## General Tower Specifications

Most Tower Kits from Wind Energy Direct come with all needed components with the exception of:

- Pipe Material
- Anchors
- Power Wires

Because of recent increases in the cost of shipping large materials such as pipe material and wiring, it has become more cost efficient for you to purchase these materials locally than to purchase them from Wind Energy Direct and have them shipped to you.

There are a few exceptions, where the quality of the materials used make it more beneficial for Wind Energy Direct to offer you an entire tower kit, pipes and other materials included.

These tower kits are:

- Skystream 3.7 Monopole Tower Kits
- Air X RV and Marine Tower Kits
- Air X 29' EZ UP Tower Kit

For piping materials for all other Tower Kits from Wind Energy Direct, we recommend that you contact a local tubular steel manufacturer, retailer, or a Wind Energy Tower Specialist in your area.

## Tower Pipe Material Specifics

Wind Generator	Schedule	Diameter
Air X (Land & Marine)	40	1.5"
Whisper 100 (Land & Marine)	40	2.5"
Whisper 200 (Land & Marine)	40	2.5"
Whisper 500	40	5"
Skystream 3.7	40	5"

# Tower Guide

# Air X Series

## Air X Series Guyed Tower Kits

Model	SKU #	Price
27' Guyed Tower Kit	airxguyed27	\$149.00
45' Guyed Tower Kit	airxguyed45	\$269.00

## Air X Series All Parts Included Kit

Model	SKU #	Price
29' EZ UP Tower Kit	airxezup29	\$535.00

## Air X Series Specialty Tower Kits

Model	SKU #	Price
15' RV Tower Kit	airxrv15	\$799.00
9' Marine Tower Pole Set	airxmpole	\$192.00
9' Marine Tower Hardware	airxmhard	\$180.00

The 29' EZ UP Tower Kit, the 15' RV Tower, and the 9' Marine Tower Kits all come with all materials for installation, including pipe. The 27' Guyed Tower Kit and the 45' Guyed Tower Kit do not include piping. For those tower kits, we recommend that you contact a local tubular steel distributor or Wind Generator Tower Specialist.

The Following pipe specifications are standard for all models of Air X Wind Generators, and can be used to purchase the correct steel pipe for your application.

Model	Schedule	Diameter
Air X (Land & Marine)	schedule 40	1.5"



# Tower Guide

# Whisper Series

## Whisper 100 & 200 Guyed Towers

Model	SKU #	Price
24' Guyed Tower Kit	1200guyed24	\$280.00
30' Guyed Tower Kit	1200guyed30	\$450.00
50' Guyed Tower Kit	1200guyed50	\$625.00
65' Guyed Tower Kit	1200guyed65	\$825.00
80' Guyed Tower Kit	1200guyed80	\$975.00

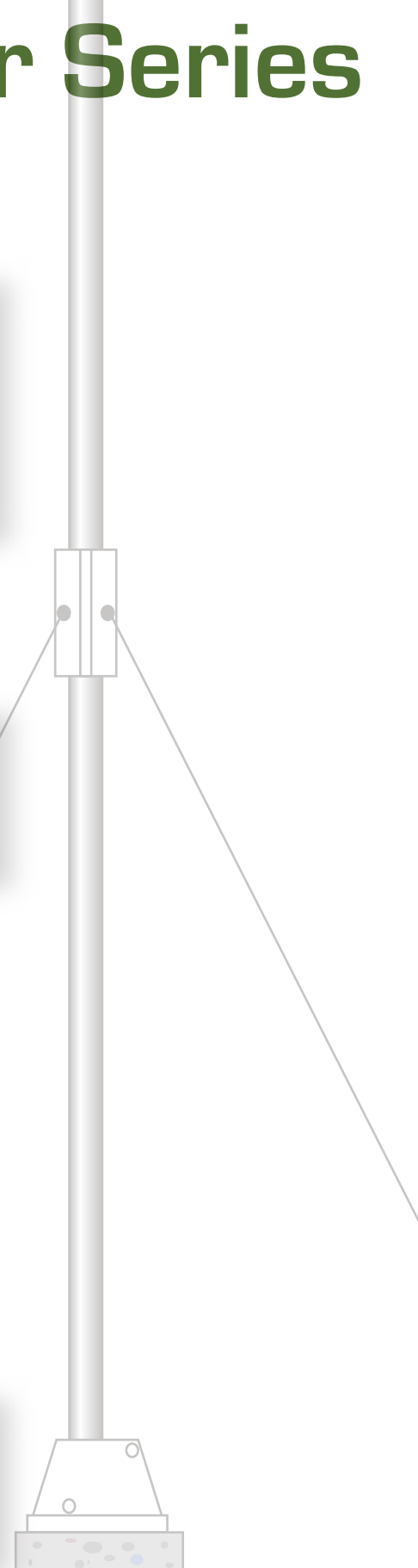
## Whisper 500 Guyed Towers

Model	SKU #	Price
30' Guyed Tower Kit	500guyed30	\$895.00
42' Guyed Tower Kit	500guyed42	\$975.00
70' Guyed Tower Kit	500guyed70	\$1,375.00

The Whisper Series Guyed Tower Kits do not come with the pipe material, as it will be far more cost-effective for you to purchase this material in your local area rather than have it shipped from our warehouse facility.

Below are the pipe material specifications for each of the Whisper Wind Generators from Wind Energy Direct. Use them to ensure that your tower is the right size and strength for your needs.

Model	Schedule	Diameter
Whisper 100	Schedule 40	2.5"
Whisper 200	Schedule 40	2.5"
Whisper 500	Schedule 40	5.0"



# Tower Guide

# Skystream 3.7

## Skystream 3.7 Monopole Tower Kits

Model	SKU #	Price
33' Monopole Tower	skymono33	\$2,700.00
45' Monopole Tower	skymono45	\$3,900.00

## Skystream 3.7 Guyed Tower Kits

Model	SKU #	Price
30' Guyed Tower Kit	skyguy30	\$895.00
42' Guyed Tower Kit	skyguy42	\$975.00
70' Guyed Tower Kit	skyguy70	\$1,375.00

\* Note- for the Skystream 3.7 to mount on these guyed towers, you must order the 5" Tower Adapter Kit, and use schedule 40, 5" diameter piping.

The Monopole Tower Kits include pipe material and connection hardware. Additional pieces that are required for installation are a foundation bolt kit, and a Gin Pole Kit and Hinge Plate Kit (if you will use those for installation).

For the Guyed Tower Kits, to keep shipping costs lower, you must purchase pipe materials from a local tubular steel manufacturer or distributor, or a Wind Generator Tower Specialist.



# Tower Guide

# Tower Augers

## Air X Series Guyed Tower Augers

Model	SKU #	Price	Works For
36" Standard Augers	airxstaug36	<b>\$103.00</b>	27' & 45' Guyed Tower Kits
48" Standard Augers	airxstaug48	<b>\$112.00</b>	27' & 45' Guyed Tower Kits
36" Galvanized Augers	airxgalaug36	<b>\$146.00</b>	27' & 45' Guyed Tower Kits
48" Galvanized Augers	airxgalaug48	<b>\$172.00</b>	27' & 45' Guyed Tower Kits

## Whisper 100/200 Guyed Tower Augers

Model	SKU #	Price	Works For
36" Galvanized Augers	whiaug36	<b>\$146.00</b>	24' Guyed Tower Kit
48" Galvanized Augers	whiaug48	<b>\$172.00</b>	30' & 50' Guyed Tower Kit
60" Galvanized Augers	whiaug60	<b>\$215.00</b>	65' & 80' Guyed Tower Kit



Though Wind Energy Direct carries both standard and galvanized augers, we highly recommend that our customers use galvanized augers for their superior strength and quality because they offer the best protection and security for your new Wind Generator.

Likewise, it is essential that you order and use the correct sized augers for the size tower, and model wind generator that you are installing. Failing to do so could result in damage to, or even destruction of, your Wind Generator.

\* Please note that damage to a Wind Generator due to the use of incorrect augers is not covered under Wind Energy Direct's Limited Warranties.

If you are using a guyed tower for your Whisper 500 or Skystream 3.7 Wind Generator, please contact your area Wind Generator Tower Specialist or Tubular Steel Distributor for Auger options.



# Foundation Bolts

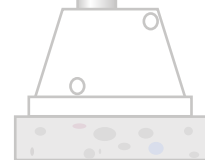
## Skystream 3.7 Monopole Tower Foundation Bolt Kits

Model	SKU #	Price	Works For
32" Foundation Bolts	skybolt32	<b>\$300.00</b>	33' Monopole Tower
42" Foundation Bolts	skybolt42	<b>\$350.00</b>	33' & 45' Monopole Tower

## Skystream 3.7 Foundation Bolt Kit Uses

Model	Tower Height	Foundation Type
32" Foundation Bolts	33'	Mat Foundation
42" Foundation Bolts	33'	Pier Foundation
	45'	Pier Foundation & Hybrid Mat-Pier Foundation

Wind Energy Direct strongly recommends that all customers choose the correct foundation bolt kit for their tower height, and their preferred foundation type. Each Foundation Bolt Kit comes with a standard compliment of foundation bolts (enough to erect one tower) and a bolt template to ensure proper installation and design.



# Tower Accessories

## Skystream 3.7 Monopole Tower Accessories

Model	SKU #	Price
Gin Pole Kit	skyginpole	\$289.00
Hinge Plate Kit	skyhinge	\$256.00
5" Tower Adapter Kit	skyadapter5	\$139.00

### Gin Pole Kit

The Gin Pole Kit from Wind Energy Direct allows for an easier, less-costly installation because it eliminates the need for heavy machinery and equipment. Note that using the Gin Pole Kit requires an additional guy wire kit, augers, and a hinge plate kit for tilt up installation. Pole purchased for the Gin Pole Kit should be equal in height to the Wind Generator Tower you are installing.

### Hinge Plate Kit

The Hinge Plate Kit from Wind Energy Direct allows for the easy, tilt up installation of your Wind Generator Tower without the need for heavy equipment. Use in conjunction with a Gin Pole Kit, or a pick up truck to pull tower vertical on the hinge plate.

### 5" Tower Adapter Kit

The 5" Tower Adapter Kit from Wind Energy Direct allows the owner to mount their Skystream 3.7 Wind Generator on a standard 5" Guyed Tower typically used for Whisper 500 Wind Generators.

