

CARRO

SMART FANS | LIGHTING

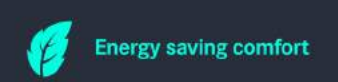
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CARRO
SMART FANS | LIGHTING

INDUSTRIAL CEILING FAN

With Wall Control

Permanent Magnet Frequency Conversion
Industrial Ceiling Fan Operation Manual



Cyfan Series CDC-105S-037 220V



Cyfan 10 ft Indoor and Outdoor Silver Gray Neodymium Magnet Direct-Drive Motor Standing Fan with Integrated Controller

Cyfan 10 ft Silver Gray Standing Fan, equipped with a dependable, high-efficiency, and quiet Neodymium Magnet Direct-Drive Motor, stands as a premium offering in the realm of high-tech fans.

DC Motor:

- IP65-rated protection level for indoor or outdoor use
- Maximum Wattage: 0.37KW
- Speed: 20-100 RPM
- Maximum Airflow: 141,200 CFM
- Mode: Forward & reverse
- Frequency: 50/60Hz
- Noise Level: 38 dB
- Voltage: 220V

Blades:

- Material: Aluminum-magnesium alloy
- Number of Blades: 5
- Blade Length: 52.8"
- Blade Width: 6.8"

Downrod:

- 4.5" (Standard length)

Certification:

- ETL Certificated.

Location:

- Outdoor Suitable.

120"	11.4"	29.7"
Height (Lowest point)	Width (Housing)	Height (Top of blade)

Light Kit:

- None

Control:

- EM30 Controller

Color:

- Motor: Silver gray
- Blade: Silver gray

Coverage Area:

- 2,691 sq ft.

Product Size (Assembled):

- Assembled with 23.6" downrod:
136" H x 118" W x 118" D

Shipping Information:

- Motor Box (Downrod included):
Box Weight (G.W.): 156.5 lb
Size: 22.8" H x 23.2" W x 23.2" D
- Blade Box:
Box Weight (G.W.): 46.3 lb
Box Size: 7.1" H x 57.5" W x 8.7" D

Warranty:

- 2 Years Manufacturer Warranty



Makani Series CDC-125S-037 240V



Makani 12 ft 5-Blade Industrial Ceiling Fan With Wall Control

Makani 12 ft Silver Industrial Ceiling Fan, equipped with a dependable, high-efficiency, and quiet Neodymium Magnet Direct-Drive Motor, stands as a premium offering in the realm of high-tech fans.

DC Motor:

- Indoor use only
- Maximum Wattage: 0.37 KW
- Speed: 20-100 RPM
- Maximum Airflow: 176,500 CFM
- Mode: Forward & reverse
- Frequency: 50/60Hz
- Noise Level: 38 dB
- Voltage: 240V

Blades:

- Material: Aluminum-magnesium alloy
- Number of Blades: 5
- Blade Length: 68.3"
- Blade Width: 6.5"

Downrod:

- 23.6" H x 2.4" W x 2.4" D (Standard length)
(Additional downrod lengths available)
39.4", 59", and 78.7"

Certification:

- ETL Certificated.

Location:

- Damp-rated, suitable for outdoor covered areas.

34.1"	11.4"	29.7"
Height (Lowest point)	Width (Housing)	Height (Top of blade)

Light Kit:

- None

Control:

- FI110-A Controller (IP54)

Color:

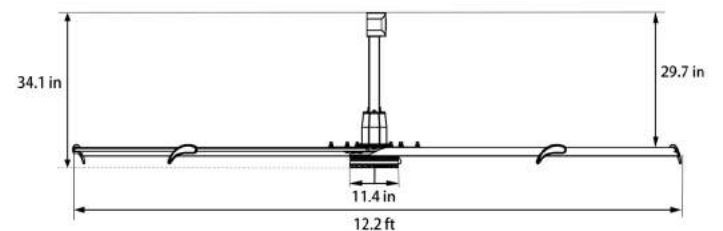
- Motor: Silver
- Blade: Silver

Coverage Area:

- 4,090 sq ft.

Product Size (Assembled):

- Assembled with 23.6" downrod:
34.1" H x 146" W x 146" D



Shipping Information:

- Motor Box (Downrod included):
Box Weight (G.W.): 132.3 lb
Size: 20.7" H x 23.2" W x 23.2" D
- Blade Box:
Box Weight (G.W.): 57.3 lb
Box Size: 7.1" H x 70.9" W x 8.7" D

Warranty:

- 2 Years Manufacturer Warranty



Makani Series CDC-165S-075 240V



Makani 16 ft 5-Blade Industrial Ceiling Fan With Wall Control

Makani 10 ft Silver Industrial Ceiling Fan, equipped with a dependable, high-efficiency, and quiet Neodymium Magnet Direct-Drive Motor, stands as a premium offering in the realm of high-tech fans.

DC Motor:

- Indoor use only
- Maximum Wattage: 0.75 KW
- Speed: 20-100 RPM
- Maximum Airflow: 353,000 CFM
- Mode: Forward & reverse
- Frequency: 50/60Hz
- Noise Level: 38 dB
- Voltage: 240V

Blades:

- Material: Aluminum-magnesium alloy
- Number of Blades: 5
- Blade Length: 93.9"
- Blade Width: 6.5"

Downrod:

- 23.6" H x 2.4" W x 2.4" D (Standard length)
(Additional downrod lengths available)
39.4", 59", and 78.7"

Certification:

- ETL Certificated.

Location:

- Damp-rated, suitable for outdoor covered areas.

34.8"	11.4"	29.7"
Height (Lowest point)	Width (Housing)	Height (Top of blade)

Light Kit:

- None

Control:

- FI110-A Controller (IP54)

Color:

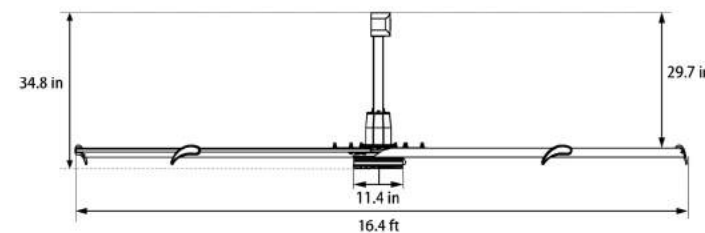
- Motor: Silver
- Blade: Silver

Coverage Area:

- 4,844 sq ft.

Product Size (Assembled):

- Assembled with 23.6" downrod:
34.8" H x 197" W x 197" D



Shipping Information:

- Motor Box (Downrod included):
Box Weight (G.W.): 145.5 lb
Size: 20.7" H x 23.2" W x 23.2" D
- Blade Box:
Box Weight (G.W.): 77.2 lb
Box Size: 7.1" H x 96.1" W x 8.7" D

Warranty:

- 2 Years Manufacturer Warranty



Makani Series CDC-105S-037 480V



Makani 10 ft 5-Blade Industrial Ceiling Fan With Wall Control

Makani 10 ft Silver Industrial Ceiling Fan, equipped with a dependable, high-efficiency, and quiet Neodymium Magnet Direct-Drive Motor, stands as a premium offering in the realm of high-tech fans.

DC Motor:

- Indoor use only
- Maximum Wattage: 0.37KW
- Speed: 20-100 RPM
- Maximum Airflow: 141,200 CFM
- Mode: Forward & reverse
- Frequency: 50/60Hz
- Noise Level: 38 dB
- Voltage: 480V

Blades:

- Material: Aluminum-magnesium alloy
- Number of Blades: 5
- Blade Length: 54.5"
- Blade Width: 6.5"

Downrod:

- 23.6" H x 2.4" W x 2.4" D (Standard length)
(Additional downrod lengths available)
39.4", 59", and 78.7"

Certification:

- ETL Certificated.

Location:

- Damp-rated, suitable for outdoor covered areas.

34.1"	11.4"	29.7"
Height (Lowest point)	Width (Housing)	Height (Top of blade)

Light Kit:

- None

Control:

- FI110-A Controller (IP54)

Color:

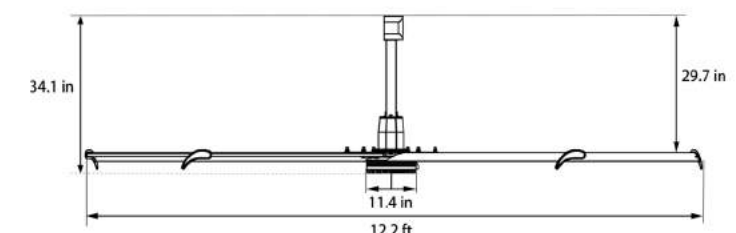
- Motor: Silver
- Blade: Silver

Coverage Area:

- 2,691 sq ft.

Product Size (Assembled):

- Assembled with 23.6" downrod:
34.1" H x 146" W x 146" D



Shipping Information:

- Motor Box (Downrod included):
Box Weight (G.W.): 132.3 lb
Size: 20.7" H x 23.2" W x 23.2" D
- Blade Box:
Box Weight (G.W.): 57.3 lb
Box Size: 7.1" H x 70.9" W x 8.7" D

Warranty:

- 2 Years Manufacturer Warranty



Makani Series CDC-125S-037 480V



Makani 12 ft 5-Blade Industrial Ceiling Fan With Wall Control

Makani 12 ft Silver Industrial Ceiling Fan, equipped with a dependable, high-efficiency, and quiet Neodymium Magnet Direct-Drive Motor, stands as a premium offering in the realm of high-tech fans.

DC Motor:

- Indoor use only
- Maximum Wattage: 0.37KW
- Speed: 20-100 RPM
- Maximum Airflow: 176,500 CFM
- Mode: Forward & reverse
- Frequency: 50/60Hz
- Noise Level: 38 dB
- Voltage: 480V

Blades:

- Material: Aluminum-magnesium alloy
- Number of Blades: 5
- Blade Length: 68.3"
- Blade Width: 6.5"

Downrod:

- 23.6" H x 2.4" W x 2.4" D (Standard length)
(Additional downrod lengths available)
39.4", 59", and 78.7"

Certification:

- ETL Certificated.

Location:

- Damp-rated, suitable for outdoor covered areas.

34.1"	11.4"	29.7"
Height (Lowest point)	Width (Housing)	Height (Top of blade)

Light Kit:

- None

Control:

- FI110-A Controller (IP54)

Color:

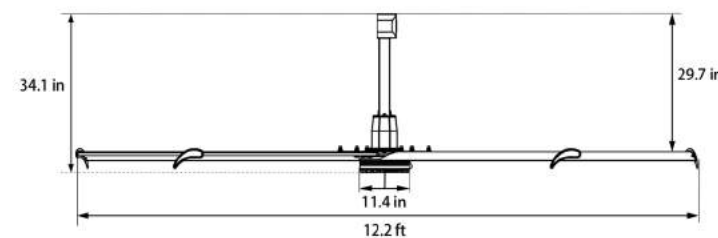
- Motor: Silver
- Blade: Silver

Coverage Area:

- 4,090 sq ft.

Product Size (Assembled):

- Assembled with 23.6" downrod:
34.1" H x 146" W x 146" D



Shipping Information:

- Motor Box (Downrod included):
Box Weight (G.W.): 132.3 lb
Size: 20.7" H x 23.2" W x 23.2" D
- Blade Box:
Box Weight (G.W.): 57.3 lb
Box Size: 7.1" H x 70.9" W x 8.7" D

Warranty:

- 2 Years Manufacturer Warranty



Makani Series CDC-145S-075 480V



Makani 14ft 5-Blade Industrial Ceiling Fan With Wall Control

Makani 14 ft Silver Industrial Ceiling Fan, equipped with a dependable, high-efficiency, and quiet Neodymium Magnet Direct-Drive Motor, stands as a premium offering in the realm of high-tech fans.

DC Motor:

- Indoor use only
- Maximum Wattage: 0.75KW
- Speed: 20-100 RPM
- Maximum Airflow: 247,100 CFM
- Mode: Forward & reverse
- Frequency: 50/60Hz
- Noise Level: 38 dB
- Voltage: 480V

Blades:

- Material: Aluminum-magnesium alloy
- Number of Blades: 5
- Blade Length: 80.1"
- Blade Width: 6.5"

Downrod:

- 23.6" H x 2.4" W x 2.4" D (Standard length)
(Additional downrod lengths available)
39.4", 59", and 78.7"

Certification:

- ETL Certificated.

Location:

- Damp-rated, suitable for outdoor covered areas.

34.8"	11.4"	29.7"
Height (Lowest point)	Width (Housing)	Height (Top of blade)

Light Kit:

- None

Control:

- FI110-A Controller (IP54)

Color:

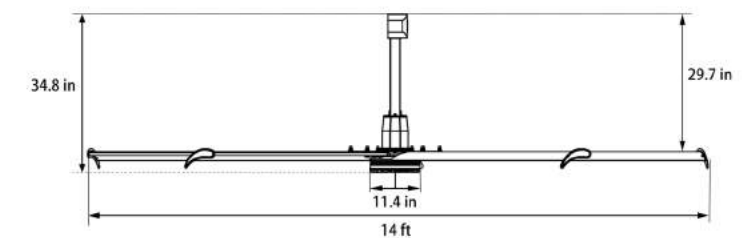
- Motor: Silver
- Blade: Silver

Coverage Area:

- 4,844 sq ft.

Product Size (Assembled):

- Assembled with 23.6" downrod:
34.8" H x 169" W x 169" D



Shipping Information:

- Motor Box (Downrod included):
Box Weight (G.W.): 145.5 lb
Size: 20.7" H x 23.2" W x 23.2" D
- Blade Box:
Box Weight (G.W.): 68.3 lb
Box Size: 7.1" H x 82.7" W x 8.7" D

Warranty:

- 2 Years Manufacturer Warranty



Makani Series CDC-165S-075 480V



Makani 16 ft 5-Blade Industrial Ceiling Fan With Wall Control

Makani 16 ft Silver Industrial Ceiling Fan, equipped with a dependable, high-efficiency, and quiet Neodymium Magnet Direct-Drive Motor, stands as a premium offering in the realm of high-tech fans.

DC Motor:

- Indoor use only
- Maximum Wattage: 0.75KW
- Speed: 20-100 RPM
- Maximum Airflow: 353,000 CFM
- Mode: Forward & reverse
- Frequency: 50/60Hz
- Noise Level: 38 dB
- Voltage: 480V

Blades:

- Material: Aluminum-magnesium alloy
- Number of Blades: 5
- Blade Length: 93.9"
- Blade Width: 6.5"

Downrod:

- 59" H x 2.4" W x 2.4" D (Standard length)
(Additional downrod lengths available)
39.4", 59", and 78.7"

Certification:

- ETL Certificated.

Location:

- Damp-rated, suitable for outdoor covered areas.

34.8" 11.4" 29.7"

Height Width Height
(Lowest point) (Housing) (Top of blade)

Light Kit:

- None

Control:

- FI110-A Controller (IP54)

Color:

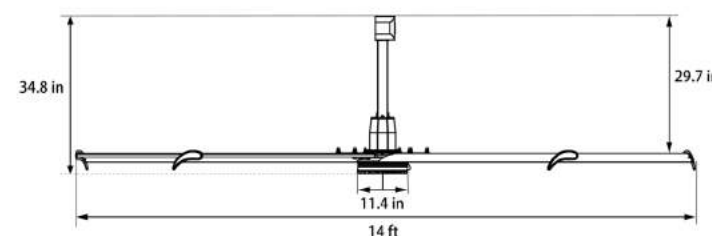
- Motor: Silver
- Blade: Silver

Coverage Area:

- 4,844 sq ft.

Product Size (Assembled):

- Assembled with 23.6" downrod:
34.8" H x 197" W x 197" D



Shipping Information:

- Motor Box (Downrod included):
Box Weight (G.W.): 145.5 lb
Size: 20.7" H x 23.2" W x 23.2" D
- Blade Box:
Box Weight (G.W.): 77.2 lb
Box Size: 7.1" H x 96.1" W x 8.7" D

Warranty:

- 2 Years Manufacturer Warranty



Makani Series CDC-165S-075 480V



Makani 16 ft 5-Blade Industrial Ceiling Fan With Wall Control

Makani 16 ft Silver Industrial Ceiling Fan, equipped with a dependable, high-efficiency, and quiet Neodymium Magnet Direct-Drive Motor, stands as a premium offering in the realm of high-tech fans.

DC Motor:

- Indoor use only
- Maximum Wattage: 0.75KW
- Speed: 20-100 RPM
- Maximum Airflow: 353,000 CFM
- Mode: Forward & reverse
- Frequency: 50/60Hz
- Noise Level: 38 dB
- Voltage: 480V

Blades:

- Material: Aluminum-magnesium alloy
- Number of Blades: 5
- Blade Length: 93.9"
- Blade Width: 6.5"

Downrod:

- 59" H x 3.1" W x 3.1" D (Standard length)
(Additional downrod lengths available)
39.4", 59", and 78.7"

Certification:

- ETL Certificated.

Location:

- Damp-rated, suitable for outdoor covered areas.

34.8" 11.4" 29.7"

Height Width Height
(Lowest point) (Housing) (Top of blade)

Light Kit:

- None

Control:

- FI110-A Controller (IP54)

Color:

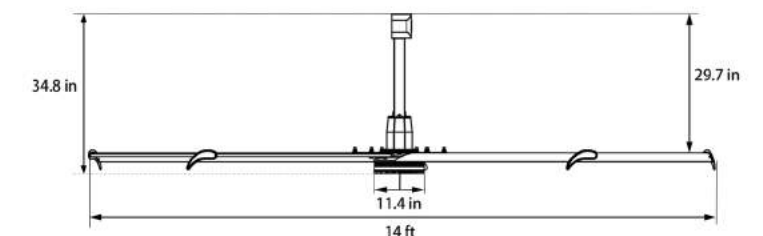
- Motor: Silver
- Blade: Silver

Coverage Area:

- 4,844 sq ft.

Product Size (Assembled):

- Assembled with 23.6" downrod:
70.3" H x 197" W x 197" D



Shipping Information:

- Motor Box (Downrod included):
Box Weight (G.W.): 136.7 lb
Size: 20.7" H x 23.2" W x 23.2" D
- Blade Box:
Box Weight (G.W.): 77.2 lb
Box Size: 7.1" H x 96.1" W x 8.7" D

Warranty:

- 2 Years Manufacturer Warranty





Zenon Series CDC-086S-030 120V



Zenon 8 ft 6-Blade Commercial Ceiling Fan With Wall Control

Zenon 8 ft Silver Gray Commercial Ceiling Fan, equipped with a dependable, high-efficiency, and quiet Neodymium Magnet Direct-Drive Motor, stands as a premium offering in the realm of high-tech fans.

DC Motor:

- Maximum Wattage: 0.3KW
- Speed: 20-100 RPM
- Maximum Airflow: 91,780 CFM
- Mode: Forward & reverse
- Frequency: 50/60Hz
- Noise Level: 38 dB
- Voltage: 120V

Blades:

- Material: Aluminum-magnesium alloy
- Number of Blades: 6
- Blade Length: 40.9"
- Blade Width: 6.8"

Downrod:

- 23.6" H x 2.4" W x 2.4" D (Standard length)
(Additional downrod lengths available)
39.4", 59", and 78.7"

Certification:

- ETL Certificated.

Location:

- Damp-rated, suitable for outdoor covered areas.

36.2"	11"	30.7"
Height (lowest point)	Width (housing)	Height (top of blade)

Light Kit:

- None

Control:

- 200G Controller

Color:

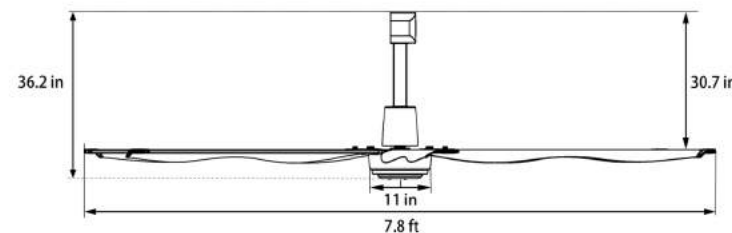
- Motor: Silver
- Blade: Silver

Coverage Area:

- 1,507 sq ft.

Product Size (Assembled):

- Assembled with 23.6" downrod:
36.2" H x 94" W x 94" D



Shipping Information:

- Motor Box (Downrod included):
Box Weight (G.W.): 92.6 lb
Size: 19.7" H x 20.5" W x 20.5" D
- Blade Box:
Box Weight (G.W.): 33.1 lb
Box Size: 7.1" H x 45.7" W x 8.7" D

Warranty:

- 2 Years Manufacturer Warranty



Zenon Series CDC-106S-030 120V



Zenon 10 ft 6-Blade Commercial Ceiling Fan With Wall Control

Zenon 10 ft Silver Gray Commercial Ceiling Fan, equipped with a dependable, high-efficiency, and quiet Neodymium Magnet Direct-Drive Motor, stands as a premium offering in the realm of high-tech fans.

DC Motor:

- Indoor use only
- Maximum Wattage: 0.3KW
- Speed: 20-100 RPM
- Maximum Airflow: 116,490 CFM
- Mode: Forward & reverse
- Frequency: 50/60Hz
- Noise Level: 38 dB
- Voltage: 120V

Blades:

- Material: Aluminum-magnesium alloy
- Number of Blades: 6
- Blade Length: 52.8"
- Blade Width: 6.8"

Downrod:

- 23.6" H x 2.4" W x 2.4" D (Standard length)
(Additional downrod lengths available)
39.4", 59", and 78.7"

Certification:

- ETL Certificated.

Location:

- Damp-rated, suitable for outdoor covered areas.

36.2"	11"	30.7"
Height (lowest point)	Width (housing)	Height (top of blade)

Light Kit:

- None

Control:

- 200G Controller

Color:

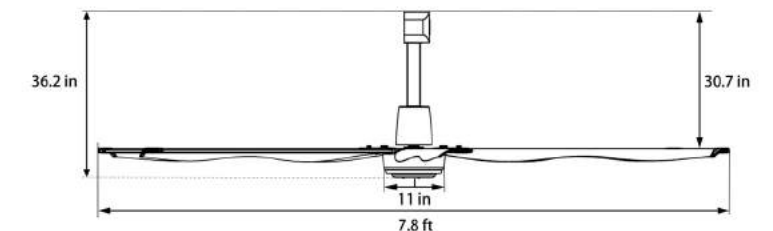
- Motor: Silver
- Blade: Silver

Coverage Area:

- 2,260 sq ft.

Product Size (Assembled):

- Assembled with 23.6" downrod:
36.2" H x 118" W x 118" D



Shipping Information:

- Motor Box (Downrod included):
Box Weight (G.W.): 92.6 lb
Size: 19.7" H x 20.5" W x 20.5" D
- Blade Box:
Box Weight (G.W.): 41.9 lb
Box Size: 7.1" H x 57.9" W x 8.7" D

Warranty:

- 2 Years Manufacturer Warranty



Zenon Series CDC-126S-030 120V



Zenon 12 ft 6-Blade Industrial Ceiling Fan With Wall Control

Zenon 12 ft Silver Gray Commercial Ceiling Fan, equipped with a dependable, high-efficiency, and quiet Neodymium Magnet Direct-Drive Motor, stands as a premium offering in the realm of high-tech fans.

DC Motor:

- Indoor use only
- Maximum Wattage: 0.3KW
- Speed: 20-100 RPM
- Maximum Airflow: 141,200 CFM
- Mode: Forward & reverse
- Frequency: 50/60Hz
- Noise Level: 38 dB
- Voltage: 120V

Blades:

- Material: Aluminum-magnesium alloy
- Number of Blades: 6
- Blade Length: 66.5"
- Blade Width: 4.7"

Downrod:

- 23.6" H x 2.4" W x 2.4" D (Standard length)
(Additional downrod lengths available)
39.4", 59", and 78.7"

Certification:

- ETL Certificated.

Location:

- Damp-rated, suitable for outdoor covered areas.

36.2"	11"	30.7"
Height (lowest point)	Width (housing)	Height (top of blade)

Light Kit:

- None

Control:

- 200G Controller

Color:

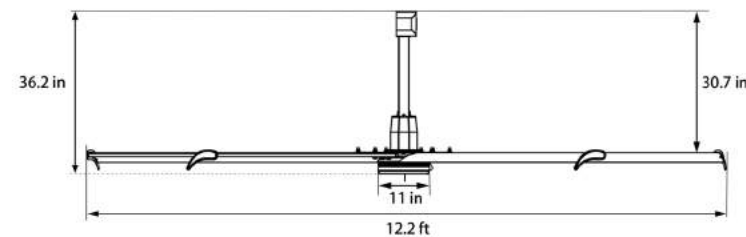
- Motor: Silver
- Blade: Silver

Coverage Area:

- 3,552 sq ft.

Product Size (Assembled):

- Assembled with 23.6" downrod:
36.2" H x 146" W x 146" D



Shipping Information:

- Motor Box (Downrod included):
Box Weight (G.W.): 92.6 lb
Size: 19.7" H x 20.5" W x 20.5" D
- Blade Box:
Box Weight (G.W.): 46.3 lb
Box Size: 6.7" H x 71.1" W x 6.7" D

Warranty:

- 2 Years Manufacturer Warranty



Visby Series CDC-206S-110 480V



Visby 20 ft 6-Blade Industrial Ceiling Fan With Wall Control

Visby 20 ft Silver Industrial Ceiling Fan, equipped with a dependable, high-efficiency, and quiet Neodymium Magnet Direct-Drive Motor, stands as a premium offering in the realm of high-tech fans.

DC Motor:

- Indoor use only
- Maximum Wattage: 1.1KW
- Speed: 20-100 RPM
- Maximum Airflow: 405,950 CFM
- Mode: Forward & reverse
- Frequency: 50/60Hz
- Noise Level: 38 dB
- Voltage: 480V

Blades:

- Material: Aluminum-magnesium alloy
- Number of Blades: 6
- Blade Length: 112.8"
- Blade Width: 6.5"

Downrod:

- 59" H x 3.1" W x 3.1" D (Standard length)
(Additional downrod lengths available)
39.4", 59", and 78.7"

Certification:

- ETL Certificated.

Location:

- Damp-rated, suitable for outdoor covered areas.

73.6"	15.7"	68.1"
Height (lowest point)	Width (housing)	Height (top of blade)

Light Kit:

- None

Control:

- EM30 Controller

Color:

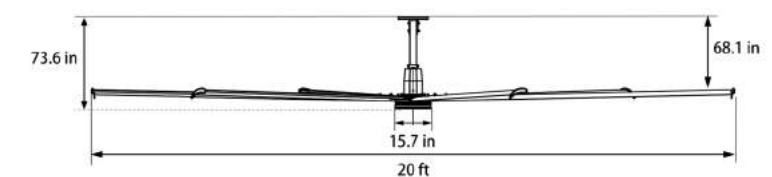
- Motor: Silver
- Blade: Silver

Coverage Area:

- 10,764 sq ft.

Product Size (Assembled):

- Assembled with 23.6" downrod:
73.6" H x 240" W x 240" D



Shipping Information:

- Motor Box (Downrod included):
Box Weight (G.W.): 273.4 lb
Size: 19" H x 33.1" W x 31.9" D
- Blade Box:
Box Weight (G.W.): 108 lb
Box Size: 7.1" H x 115.8" W x 8.7" D

Warranty:

- 2 Years Manufacturer Warranty



Visby Series CDC-226S-110 480V



Visby 22 ft 6-Blade Industrial Ceiling Fan With Wall Control

Visby 22 ft Silver Industrial Ceiling Fan, equipped with a dependable, high-efficiency, and quiet Neodymium Magnet Direct-Drive Motor, stands as a premium offering in the realm of high-tech fans.

DC Motor:

- Indoor use only
- Maximum Wattage: 1.1KW
- Speed: 20-100 RPM
- Maximum Airflow: 423,600 CFM
- Mode: Forward & reverse
- Frequency: 50/60Hz
- Noise Level: 38 dB
- Voltage: 480V

Blades:

- Material: Aluminum-magnesium alloy
- Number of Blades: 6
- Blade Length: 124.6"
- Blade Width: 6.5"

Downrod:

- 59" H x 3.1" W x 3.1" D (Standard length)
(Additional downrod lengths available)
39.4", 59", and 78.7"

Certification:

- ETL Certificated.

Location:

- Damp-rated, suitable for outdoor covered areas.

73.6"	15.7"	68.1"
Height (lowest point)	Width (housing)	Height (top of blade)

Light Kit:

- None

Control:

- EM30 Controller

Color:

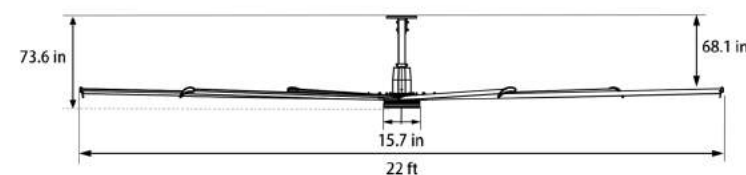
- Motor: Silver
- Blade: Silver

Coverage Area:

- 13,993 sq ft.

Product Size (Assembled):

- Assembled with 23.6" downrod:
73.6" H x 264" W x 264" D



Shipping Information:

- Motor Box (Downrod included):
Box Weight (G.W.): 273.4 lb
Size: 19" H x 33.1" W x 31.9" D
- Blade Box:
Box Weight (G.W.): 121.3 lb
Box Size: 7.1" H x 128" W x 8.7" D

Warranty:

- 2 Years Manufacturer Warranty



Visby Series CDC-246S-110 480V



Visby 24 ft 6-Blade Industrial Ceiling Fan With Wall Control

Visby 24 ft Silver Industrial Ceiling Fan, equipped with a dependable, high-efficiency, and quiet Neodymium Magnet Direct-Drive Motor, stands as a premium offering in the realm of high-tech fans.

DC Motor:

- Indoor use only
- Maximum Wattage: 1.1KW
- Speed: 20-100 RPM
- Maximum Airflow: 458,900 CFM
- Mode: Forward & reverse
- Frequency: 50/60Hz
- Noise Level: 38 dB
- Voltage: 480V

Blades:

- Material: Aluminum-magnesium alloy
- Number of Blades: 6
- Blade Length: 136.4"
- Blade Width: 6.5"

Downrod:

- 59" H x 3.1" W x 3.1" D (Standard length)
(Additional downrod lengths available)
39.4", 59", and 78.7"

Certification:

- ETL Certificated.

Location:

- Damp-rated, suitable for outdoor covered areas.

73.6"	15.7"	68.1"
Height (lowest point)	Width (housing)	Height (top of blade)

Light Kit:

- None

Control:

- EM30 Controller

Color:

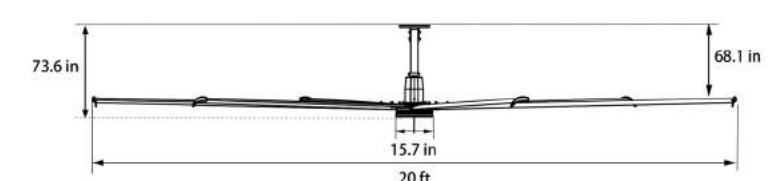
- Motor: Silver
- Blade: Silver

Coverage Area:

- 16,146 sq ft.

Product Size (Assembled):

- Assembled with 23.6" downrod:
73.6" H x 287" W x 287" D



Shipping Information:

- Motor Box (Downrod included):
Box Weight (G.W.): 273.4 lb
Size: 19" H x 33.1" W x 31.9" D
- Blade Box:
Box Weight (G.W.): 134.5 lb
Box Size: 7.1" H x 138.6" W x 8.7" D

Warranty:

- 2 Years Manufacturer Warranty