

Heavy-Duty Hazardous Location Air Circulators

Pedestal, Wall, I-Beam & Vertical Mount Fans

Non-Oscillating

115/230V or 230/460V Spark Resistant

Unit Packs 115/230V Spark Resistant Models



1 Year Warranty - Ultra Quiet



Features

- 115/230V, 1/4 HP, 1 Phase & 230/460V, 1/4 HP, 3 Phase, Single Speed, Ball Bearing Motors
- All 24" Kitted Components consist of: 21040 (1269 X Motor); 21070 (AC24G Guard Ass'y); 21095 (24BA-1A Prop); plus mounting listed below
- All 30" Kitted Components consist of: 21040 (1269 X Motor); 21080 (AC30G Guard Ass'y); 21105 (30BA-1A Prop); and mounting listed below
- A safety cable kit is included in all overhead mounted air circulators to prevent the fan from falling if accidentally struck or mounting fails. Single safety cable kits consist of 12 feet of 1/16" diameter cable, 2 cable clamps and instructions
- OSHA Approved Safety Guards
- Die Cast Aluminum Propeller

FOR USE IN HAZARDOUS LOCATION SUCH AS:

Oil Refineries
Welding Shops
Paint Operations / Storage and Other Locations that may contain Explosive Gas, Vapor or Dust in the Atmosphere

115/230V, 1/4 HP, 1 Phase Models

Motor, Specified Mounting, Propeller & Guard shipped in a single carton

| EDP No. | Catalog No. | Prop Dia. | Fan Style | CFM | RPM | Motor No. | F.L. Amps | Ship Weight |
|---------|-------------|-----------|----------------|------|------|-----------|-----------|-------------|
| 20301 | UP24LF16X | 24" | Pedestal Fan | 5739 | 1140 | 1169 | 6.9 / 3.5 | 93 |
| 20321 | UP24LW16X8 | 24" | Wall Mount | 5739 | 1140 | 1169 | 6.9 / 3.5 | 61 |
| 20341 | UP24LI16X | 24" | I-Beam Mount | 5739 | 1140 | 1169 | 6.9 / 3.5 | 65 |
| 20331 | UP24LS16X | 24" | Vertical Mount | 5739 | 1140 | 1169 | 6.9 / 3.5 | 56 |
| 20351 | UP30LF16X | 30" | Pedestal Fan | 8723 | 1140 | 1169 | 6.9 / 3.5 | 98 |
| 20371 | UP30LW16X8 | 30" | Wall Mount | 8723 | 1140 | 1169 | 6.9 / 3.5 | 67 |
| 20391 | UP30LI16X | 30" | I-Beam Mount | 8723 | 1140 | 1169 | 6.9 / 3.5 | 70 |
| 20381 | UP30LS16X | 30" | Vertical Mount | 8723 | 1140 | 1169 | 6.9 / 3.5 | 61 |

Performance Ratings are conducted in accordance with AMCA Standard 230-99. Explosion Proof Motor for Class 1, Group D & Class II, Groups E, F & G. See page 3 for further Explosion Proof Motor information.

Kitted Units 230/460V, 1/4 HP, 3 Phase, Spark Resistant Models

Unit Shipped As Individual Component Parts Via Truck or UPS

| EDP No. | Catalog No. | Prop Dia. | Fan Style | CFM | RPM | Motor No. | F.L. Amps | Ship Weight |
|---------|-------------|-----------|---|------|------|-----------|------------|-------------|
| 20450K | 24LF36X | 24" | Pedestal Fan: includes 21152 (Pedestal), 21155 (Base) | 5739 | 1140 | 1269 | 1.1 / 0.55 | 100 |
| 20470K | 24LW36X8 | 24" | Wall Mount Fan: includes 21187 (Tilted Wall Brkt with Safety Cable) | 5739 | 1140 | 1269 | 1.1 / 0.55 | 79 |
| 20490K | 24LI36X | 24" | I-Beam Mount Fan: includes 21191 (I-Beam Brkt with Safety Cable) | 5739 | 1140 | 1269 | 1.1 / 0.55 | 79 |
| 20480K | 24LS36X | 24" | Vertical Mount Fan: includes 21203 (Vertical with Safety Cable) | 5739 | 1140 | 1269 | 1.1 / 0.55 | 69 |
| 20500K | 30LF36X | 30" | Pedestal Fan: includes 21152 (Pedestal), 21166 (Base) | 8723 | 1140 | 1269 | 1.1 / 0.55 | 107 |
| 20520K | 30LW36X8 | 30" | Wall Mount Fan: includes 21187 (878W-Tilted Wall Brkt w/ Safety Cable) | 8723 | 1140 | 1269 | 1.1 / 0.55 | 86 |
| 20540K | 30LI36X | 30" | I-Beam Mount Fan: includes 21191 (700-U I-Beam Brkt with Safety Cable) | 8723 | 1140 | 1269 | 1.1 / 0.55 | 86 |
| 20530K | 30LS36X | 30" | Vertical Mount Fan: includes 21203 (Vertical with Safety Cable) | 8723 | 1140 | 1269 | 1.1 / 0.55 | 76 |

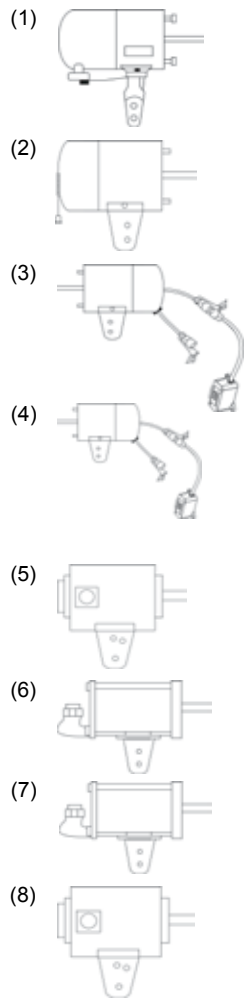
NOTES: X = Explosion Proof. "K" suffix indicates unit shipped as individual component parts. May be shipped UPS or Truck. **CORD AND PLUG NOT PROVIDED.** Must be hard wired. Wiring must conform to all national, state and local codes. Performance Ratings are conducted in accordance with AMCA Standard 230-99. Explosion Proof Motor for Class 1, Group D & Class II, Groups E, F & G. See page 3 for further Explosion Proof Motor information.



Heavy-Duty Air Circulators

Component Parts / Accessories for Assembled Fan Heads

Motors



| EDP No. | Catalog No. | F.L. Amps | Ship Wt. | Description |
|---------|-------------|------------|----------|--|
| 21021 | 967J | 1.65 | 24 | Single-phase, 3 Speed, 115 V, 1/5 HP, ball bearing, oscillating, 5/8" shaft (use only on standard 18" and 20" oscillating fans). Use BA-1A Propeller NOTE: Oscillating Motor NOT to be used UPSIDE-DOWN position (1) |
| 21007 | 967-3 SP | 2.7 | 23 | Single-phase, 3 Speed, 115 V, 1/3 HP, ball bearing, oscillating, 5/8" shaft *use only on standard 24" and 30" oscillating fans). Use BA-1A Propeller NOTE: Oscillating Motor NOT to be used UPSIDE-DOWN position (1) |
| 21777 | Gear Box | | 18 | Assembly 967J and 967-3SP |
| 03915 | End Dome | | | Assembly 967J and 967-3SP (with capacitor) |
| 21022 | 642J | 1.65 | 19 | Single-phase, 3 Speed, 115 volt, 1/5 HP, ball bearing, non-oscillating, 5/8" shaft (use only on standard 18" and 20" non-oscillating fans). Use BA-1A Propeller (2) |
| 21017 | 642-AC 3 SP | 2.8 | 19 | Single-phase, 3 Speed, 115 volt, 1/3 HP, ball bearing, non-oscillating, 5/8" shaft (use only on standard 24" and 30" non-oscillating fans). Use BA-1A Propeller (2) |
| 06004 | End Dome | | 2 | Assembly for 642-AC-3SP (with capacitor) |
| 21090 | 642-AC2SDC | | 19 | Single phase, 2 Speed, 115 volt, 1/3 HP, ball bearing, non-oscillating motor with 2-speed drop cord switch. Use with BA-1A propeller (3) |
| 12013 | 2-SPDCS-HD | | 2 | Modular end dome with drop cord and 2 speed switch. For 642 Motor Only (4) |
| 21025 | 1069 B | 1.2 / 0.6 | 16 | Three-phase, 1 Speed, 208 / 230 / 260V, 1/4 HP, ball bearing, non-oscillating fans only. Use BA-1A Propeller (5) |
| 21035 | 1169 E | 6.9 / 3.5 | 48 | Single-phase, single-speed, 115/230V, 1/4 HP, ball bearing for Class I Group D and Class II, Groups E, F & G. (Use only on explosion-proof, non-oscillating fans with BA-1A Propeller) (6) |
| 21040 | 1269 | 1.1 / 0.55 | 33 | Three-speed, single-speed, 230/460V, 1/4 HP, ball bearing (use only on non-oscillating, explosion-proof fans) Use BA-1A Propeller (7) |
| 21050 | 1369 | 4.5 / 2.0 | 36 | 1 HP, three-phase, single-speed 230/460 volt, ball bearing, totally enclosed (use only on high-velocity spot coolers). Use HH-1 Propeller (8) |

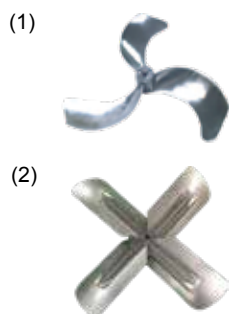
NOTES: Explosion Proof and 3 Phase air circulator motors are not supplied with switches or power cords. Must be hard wired. See page 3 for further Explosion Proof Motor information.

Guards



| EDP No. | Catalog No. | Ship Wt. | Description |
|---------|-------------|----------|---|
| 71000 | C-1820G | 11 | 18" / 20" guard. Nickel chrome plated. (use on all 18" and 20" oscillating & non-oscillating fans) |
| 21070 | AC24-G | 14 | 24" guard. Nickel chrome plated (use on all 24" oscillating & non-oscillating fans) |
| 21080 | AC30-G | 20 | 30" guard (use on all 30" oscillating & non-oscillating fans) |

Propellers



| EDP No. | Catalog No. | Ship Wt. | Description |
|---------|-------------|----------|--|
| 21101 | 18BA-1 | 4 | 18" Propeller - 5/8" bore. Cast Aluminum (1) |
| 21102 | 20BA-1 | 5 | 20" Propeller - 5/8" bore. Cast Aluminum (1) |
| 21095 | 24BA-1A | 5 | 24" Propeller - 5/8" bore. Cast Aluminum (1) |
| 21105 | 30BA-1A | 6 | 30" Propeller - 5/8" bore. Cast Aluminum (1) |
| 21120 | 24HH-1 | 8 | 24" Propeller, 5/8" bore (use only on 24" high velocity spot coolers) Galvanized (2) |
| 21130 | 30HH-1 | 9 | 30" Propeller, 5/8" bore (use only on 30" high velocity spot coolers) Galvanized (2) |



Warning: Cancer and Reproductive Harm www.P65Warnings.ca.gov
This warning is applicable to all products on this page, see page i2 for more information

Heavy-Duty Air Circulators

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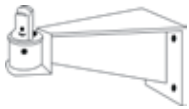
Adjustable Pedestal

| EDP No. | Catalog No. | Ship Wt. | Description |
|---------|-------------|----------|--|
| 21152 | 8CP2B | 13 | 5' to 8' pedestal (fits all Heavy Duty fans) |

Floor Base



| EDP No. | Catalog No. | Ship Wt. | Description |
|---------|-------------|----------|---|
| 21165 | A786B-1 | 17 | For use with 18" & 20" oscillating & non-oscillating fans with 21152 pedestal |
| 21166 | A786B-2 | 34 | For use with 24" & 30" oscillating & non-oscillating fans with 21152 pedestal |



Wall Bracket

Brackets



I-Beam Bracket

| EDP No. | Catalog No. | Bracket Type | Ship Wt. | Description |
|---------|-------------|--------------|----------|---|
| 21187 | 878W | Wall | 10 | 15° Tilt Built In. Use for HD air circulator wall mountings, Includes Safety Cable Kit |
| 21191 | 700-U | I-Beam | 14 | Use for HD air circulator I-Beam mountings, Includes Safety Cable Kit |
| 21203 | CK-2 | Vertical | 5 | Use for HD air circulator vertical mount (non-oscillating only) Includes Safety Cable Kit. Extension Cord and Extension Pole Not Included. |



Vertical Bracket

Accessories



Safety Kit

| EDP No. | Catalog No. | Ship Wt. | Description |
|---------|-------------|----------|--|
| 21204 | Safety Kit | 1 | 12' of 1/16" diameter cable, two clamp and instructions. This safety cable kit is available for retrofit applications. |
| 12002 | DJ-EC-6 | 1 | 6' extension cord - for use with 642-AC2SDP Drop Cord Motor - Yellow |
| 12008 | DJ-EC-9 | 2 | 9' extension cord - for use with 642-AC2SDP Drop Cord Motor - Yellow |
| 12009 | DJ-EC-12 | 2 | 12' extension cord - for use with 642-AC2SDP Drop Cord Motor - Yellow |
| 70601 | AMFW30K | 7 | Snap on wheel kit with set screw lock for use on all floor model air circulators except I-2030 base. No tools required |
| 01633 | Cord | 2 | 15' Supply Cord Replacement |
| 01723 | Switch | 2 | 2 Speed / 3 Speed Pull Chain Switch |



Extension Cord



Wheel Kit

