

MODEL TUB - Extruded Alum Prop
MODEL TUB-P - Polypropylene Blade (See Pricing at Bottom)
TUBEAXIAL UPBLAST EXHAUST
HEAVY DUTY REMOTE DRIVE

| SIZE | HP | OPEN | | | TE | | EXP. PROOF (4) | | OPEN 1800/1200 ONLY | | AVG. WT |
|------|--------|------|----------|------|-------------|------|----------------|----------|---------------------|----------|---------|
| | | 1 PH | | 3 PH | 1 PH | 3 PH | 1 PH | 3 PH | 1 PH (2) | 3 PH (3) | |
| | | 115 | 208/230V | (1) | 15/208/230V | (1) | 115/230V | 230/460V | | | |
| 24 | 3/4 | Y | Y | Y | Y | Y | Y | Y | Y | Y | 448 |
| | 1 | Y | Y | Y | Y | Y | Y | Y | Y | Y | |
| | 1 1/2 | Y | Y | Y | Y | Y | | Y | Y | Y | |
| | 2 | Y | Y | Y | Y | Y | | Y | - | Y | |
| | 3 | | | Y | | Y | | Y | - | Y | |
| 30 | 3/4 | Y | Y | Y | Y | Y | Y | Y | Y | Y | 500 |
| | 1 | Y | Y | Y | Y | Y | Y | Y | Y | Y | |
| | 1 1/2 | Y | Y | Y | Y | Y | | Y | Y | Y | |
| | 2 | Y | Y | Y | Y | Y | | Y | Y | Y | |
| | 3 | | | Y | | Y | | Y | - | Y | |
| 36 | 5 | | | Y | | Y | | Y | - | Y | |
| | 1 | Y | Y | Y | Y | Y | Y | Y | Y | Y | 575 |
| | 1 1/2 | Y | Y | Y | Y | Y | | Y | Y | Y | |
| | 2 | Y | Y | Y | Y | Y | | Y | Y | Y | |
| | 3 | | | Y | | Y | | Y | - | Y | |
| 5 | | | Y | | Y | | Y | - | Y | | |
| 42 | 7 1/2 | | | Y | | Y | | Y | - | Y | 830 |
| | 1 | Y | Y | Y | Y | Y | Y | Y | Y | Y | |
| | 1 1/2 | Y | Y | Y | Y | Y | | Y | Y | Y | |
| | 2 | Y | Y | Y | Y | Y | | Y | Y | Y | |
| | 3 | | | Y | | Y | | Y | Y | Y | |
| | 5 | | | Y | | Y | | Y | - | Y | |
| 42 | 7 1/2 | | | Y | | Y | | Y | - | Y | 830 |
| | 10 (7) | | | Y | | Y | | Y | - | Y | |

PRODUCT NOTES: Heavy-duty model has rolled and continuous welded belt and bearing tube. Standard model has removable belt and bearing cover.

(1) 208/230/460V ODP. Specify voltage required.

(2) 115 or 230V. Two disconnects required if needed or 6 pole type. Not available mounted or wired.

(3) 460V. Specify voltage. Two disconnects required if needed or 6 pole type. Not available mounted or wired.

(4) Exp. Proof Motor: Class 1 Gp D and Class II Gp F & G. No others class or group available. Customer responsible for proper application. Local codes must be followed. Disconnect excluded.

(5) 2 speed option not available.

(6) Insufficient velocity to open doors and/or keep rain out at either low speed, 1200 or 900 RPM

(7) TUB-P Polypropylene bladed unit only.

All prices include motor of our choice. If you need a motor of a specific manufacturer, contact factory.

Motors come with Thermal Overload Protection as standard.

OPERATING PARAMETER

-40° F to +185° F.

Hubs are cast aluminum with adjustable pitch blades. Polypropylene is considered a fiberglass blade.

MODEL TUB - Extruded Alum Prop
MODEL TUB-P - Polypropylene Blade (See Pricing at Bottom)
TUBEAXIAL UPBLAST EXHAUST
HEAVY DUTY REMOTE DRIVE cont.

| SIZE | HP | OPEN | | | TE | | EXP. PROOF (4) | | OPEN 1800/1200 | | AVG. WT |
|------|--------|------|----------|------|--------------|------|----------------|----------|----------------|----------|---------|
| | | 1 PH | | 3 PH | 1 PH | 3 PH | 1 PH | 3 PH | 1 PH (2) | 3 PH (3) | |
| | | 115 | 208/230V | (1) | 115/208/230V | (1) | 115/230V | 230/460V | | | |
| 48 | 1 | Y | Y | Y | Y | Y | Y | Y | Y | Y | 940 |
| | 1 1/2 | Y | Y | Y | Y | Y | | Y | Y | Y | |
| | 2 | Y | Y | Y | Y | Y | | Y | Y | Y | |
| | 3 | | | Y | | Y | | Y | Y | Y | |
| | 5 | | | Y | | Y | | Y | - | Y | |
| | 7 1/2 | | | Y | | Y | | Y | - | Y | |
| | 10 (7) | | | Y | | Y | | Y | - | Y | |
| 54 | 3 | | | Y | | Y | | Y | Y | Y | 1175 |
| | 5 | | | Y | | Y | | Y | Y | Y | |
| | 7 1/2 | | | Y | | Y | | Y | - | Y | |
| | 10 | | | Y | | Y | | Y | - | Y | |
| | 15 (7) | | | Y | | Y | | | - | - | |
| 60 | 3 | | | Y | | Y | | Y | Y | Y | 1400 |
| | 5 | | | Y | | Y | | Y | Y | Y | |
| | 7 1/2 | | | Y | | Y | | Y | Y | Y | |
| | 10 | | | Y | | Y | | Y | - | Y | |
| | 15 (7) | | | Y | | Y | | | - | - | |

PRODUCT NOTES: Heavy-duty model has rolled and continuous welded belt and bearing tube. Standard model has removable belt and bearing cover.

- (1) 208/230/460V ODP. Specify voltage required.
- (2) 115 or 230V. Two disconnects required if needed or 6 pole type. Not available mounted or wired.
- (3) 460V. Specify voltage. Two disconnects required if needed or 6 pole type. Not available mounted or wired.
- (4) Exp. Proof Motor: Class 1 Gp D and Class II Gp F & G. No others class or group available. Customer responsible for proper application. Local codes must be followed. Disconnect excluded.
- (5) 2 speed option not available.
- (6) Insufficient velocity to open doors and/or keep rain out at either low speed, 1200 or 900 RPM
- (7) TUB-P Polypropylene bladed unit only.

All prices include motor of our choice. If you need a motor of a specific manufacturer, contact factory.

Motors come with Thermal Overload Protection as standard.

OPERATING PARAMETER

-40° F to +185° F.

Hubs are cast aluminum with adjustable pitch blades. Polypropylene is considered a fiberglass blade.

**MODEL TUB-HT without UL 793
TUBEAXIAL UPBLAST FOR HEAT & SMOKE REMOVAL**

| SIZE | HP | OPEN (7) | | | TE | | EXP. PROOF (4) | | OPEN 1800/1200 ONLY | | AVG. WT |
|------|-------|----------|----------|------|--------------|------|----------------|----------|---------------------|----------|---------|
| | | 1 PH | | 3 PH | 1 PH | 3 PH | 1 PH | 3 PH | 1 PH (2) | 3 PH (3) | |
| | | 115 | 208/230V | (1) | 115/208/230V | (1) | 115/230V | 230/460V | | | |
| 24 | 3/4 | Y | Y | Y | Y | Y | Y | Y | Y | Y | 520 |
| | 1 | Y | Y | Y | Y | Y | Y | Y | Y | Y | 525 |
| | 1 1/2 | Y | Y | Y | Y | Y | | Y | Y | Y | 530 |
| | 2 | Y | Y | Y | Y | Y | | Y | - | Y | 535 |
| 30 | 1 | Y | Y | Y | Y | Y | Y | Y | Y | Y | 580 |
| | 1 1/2 | Y | Y | Y | Y | Y | | Y | Y | Y | 580 |
| | 2 | Y | Y | Y | Y | Y | | Y | Y | Y | 585 |
| | 3 | | | Y | | Y | | Y | - | Y | 605 |
| | 5 | | | Y | | Y | | Y | - | Y | 630 |
| 36 | 1 1/2 | Y | Y | Y | Y | Y | | Y | Y | Y | 780 |
| | 2 | Y | Y | Y | Y | Y | | Y | Y | Y | 785 |
| | 3 | | | Y | | Y | | Y | - | Y | 805 |
| | 5 | | | Y | | Y | | Y | - | Y | 840 |
| 42 | 2 | Y | Y | Y | Y | Y | | Y | Y | Y | 890 |
| | 3 | | | Y | | Y | | Y | Y | Y | 920 |
| | 5 | | | Y | | Y | | Y | - | Y | 960 |
| | 7 1/2 | | | Y | | Y | | Y | - | Y | 1040 |
| 48 | 2 | Y | Y | Y | Y | Y | | Y | Y | Y | 1085 |
| | 3 | | | Y | | Y | | Y | Y | Y | 1090 |
| | 5 | | | Y | | Y | | Y | - | Y | 1195 |
| | 7 1/2 | | | Y | | Y | | Y | - | Y | 1280 |
| | 10 | | | Y | | Y | | Y | - | Y | 1365 |
| 54 | 3 | | | Y | | Y | | Y | Y | Y | 1270 |
| | 5 | | | Y | | Y | | Y | Y | Y | 1380 |
| | 7 1/2 | | | Y | | Y | | Y | - | Y | 1490 |
| | 10 | | | Y | | Y | | Y | - | Y | 1570 |
| | 15 | | | Y | | Y | | | - | - | 1820 |
| 60 | 3 | | | Y | | Y | | Y | Y | Y | 1470 |
| | 5 | | | Y | | Y | | Y | Y | Y | 1585 |
| | 7 1/2 | | | Y | | Y | | Y | Y | Y | 1690 |
| | 10 | | | Y | | Y | | Y | - | Y | 1810 |
| | 15 | | | Y | | Y | | | - | - | 1980 |

- (1) 208/230/460V ODP. Specify voltage required.
 - (2) 115 or 230V. Two disconnects required or 6 pole type. Not available mounted or wired.
 - (3) 460V. Specify voltage. Two disconnects required or 6 pole type. Not available mounted or wired.
 - (4) Exp. Proof Motor: Class 1 Gp D and Class II Gp F & G. No other classes or group available. Customer responsible for proper application. Local codes must be followed. Disconnect excluded.
 - (5) 2 speed option not recommended.
 - (6) Insufficient velocity to open doors and/or keep rain out at either low speed, 1200 or 900RPM.
 - (7) UL 793 only for ODP motors.
- All prices include motor of our choice. If you need a motor of a specific manufacturer, contact factory.
See options and accessories for UL-793 power ventilator smoke control.

- High Temp (Model TUBHT)
Heat tested to:
1000 degrees 15 minutes - (Southern Building Codes Approved)
500 degrees 4 hours - IRI Construction - (IRI Approved)
1. All ferrous construction in airstream
 2. Extended lube lines
 3. Motor out-of-airstream
 4. Belt & bearing enclosed in ventilated housing
 5. Shaft heat slinger
 6. Dual groove drive
 7. H.D. steel propeller

Motors come with Thermal Overload Protection as standard.

ORDER BY SPECIFIC VOLTAGE

**MODEL TUB-HT with UL 793
TUBEAXIAL UPBLAST FOR HEAT & SMOKE REMOVAL**

| SIZE | HP | OPEN | | | TE | | EXP. PROOF (4) | | OPEN 1800/1200 | | AVG. WT |
|------|-------|------|----------|------|------------------|---------|----------------|--------------|-----------------|-----------------|---------|
| | | 1 PH | | 3 PH | 1 PH | 3 PH | 1 PH | 3 PH | 1 PH (2) (7) | 3 PH (3) (7) | |
| | | 115 | 208/230V | (1) | 115/208/230V (7) | (1) (7) | 115/230V (7) | 230/460V (7) | | | |
| 24 | 3/4 | Y | Y | Y | Y | Y | Y | Y | Y | Y | 520 |
| | 1 | Y | Y | Y | Y | Y | Y | Y | Y | Y | 525 |
| | 1 1/2 | Y | Y | Y | Y | Y | | Y | Y | Y | 530 |
| | 2 | Y | Y | Y | Y | Y | | Y | - | - | 535 |
| 30 | 1 | Y | Y | Y | Y | Y | Y | Y | Y | Y | 580 |
| | 1 1/2 | Y | Y | Y | Y | Y | | Y | Y | Y | 580 |
| | 2 | Y | Y | Y | Y | Y | | Y | Y | Y | 585 |
| | 3 | | | Y | | Y | | Y | - | Y | 605 |
| | 5 | | | Y | | Y | | Y | - | Y | 630 |
| 36 | 1 1/2 | Y | Y | Y | Y | Y | | Y | Y | Y | 780 |
| | 2 | Y | Y | Y | Y | Y | | Y | Y | Y | 785 |
| | 3 | | | Y | | Y | | Y | - | Y | 805 |
| | 5 | | | Y | | Y | | Y | - | Y | 840 |
| 42 | 2 | Y | Y | Y | Y | Y | | Y | Y | Y | 890 |
| | 3 | | | Y | | Y | | Y | Y | Y | 920 |
| | 5 | | | Y | | Y | | Y | - | Y | 960 |
| | 7 1/2 | | | Y | | Y | | Y | - | Y | 1040 |
| 48 | 2 | Y | Y | Y | Y | Y | | Y | Y | Y | 1085 |
| | 3 | | | Y | | Y | | Y | Y | Y | 1090 |
| | 5 | | | Y | | Y | | Y | - | Y | 1195 |
| | 7 1/2 | | | Y | | Y | | Y | - | Y | 1280 |
| | 10 | | | Y | | Y | | Y | - | Y | 1365 |
| 54 | 3 | | | Y | | Y | | Y | Y | Y | 1270 |
| | 5 | | | Y | | Y | | Y | Y | Y | 1380 |
| | 7 1/2 | | | Y | | Y | | Y | - | Y | 1490 |
| | 10 | | | Y | | Y | | Y | - | Y | 1570 |
| | 15 | | | Y | | Y | | | - | - | 1820 |
| 60 | 3 | | | Y | | Y | | Y | Y | Y | 1470 |
| | 5 | | | Y | | Y | | Y | Y | Y | 1585 |
| | 7 1/2 | | | Y | | Y | | Y | Y | Y | 1690 |
| | 10 | | | Y | | Y | | Y | - | Y | 1810 |
| | 15 | | | Y | | Y | | | - | - | 1980 |

(1) 208/230/460V ODP. Specify voltage required.

(2) 115 or 230V. Two disconnects required or 6 pole type. Not available mounted or wired.

(3) 460V. Specify voltage. Two disconnects required or 6 pole type. Not available mounted or wired.

(4) Exp. Proof Motor: Class 1 Gp D and Class II Gp F & G. No other classes or group available.

Customer responsible for proper application. Local codes must be followed. Disconnect excluded.

(5) 2 speed option not recommended.

(6) Insufficient velocity to open doors and/or keep rain out at either low speed, 1200 or 900RPM.

(7) UL 793 only for ODP motors.

All prices include motor of our choice. If you need a motor of a specific manufacturer, contact factory.

UL 793 LISTING - "Power ventilator for smoke control systems". Includes 165 degrees F. fusible link damper lifter spring assembly. Available for model TUBHT ONLY - standard construction TUBHT with ODP motor.

Motors come with Thermal Overload Protection as standard.

High Temp (Model TUBHT)

Heat tested to:

1000 degrees 15 minutes - (Southern Building Codes Approved)

500 degrees 4 hours - IRI Construction - (IRI Approved)

1. All ferrous construction in airstream
2. Extended lube lines
3. Motor out-of-airstream
4. Belt & bearing enclosed in ventilated housing
5. Shaft heat slinger
6. Dual groove drive
7. H.D. steel propeller

ORDER BY SPECIFIC VOLTAGE

ACCESSORIES
TUBEAXIAL UPBLAST
MODELS: TUB, TUB-HT & TUB-HT UL793

| ACCESSORY | FAN SIZE | | | | | | |
|------------------------------------------------------------|------------------|----|----|----|-----|-----|-----|
| | 24 | 30 | 36 | 42 | 48 | 54 | 60 |
| Fiberglass damper doors (1) Not for TUB-HT | Y | Y | Y | Y | STD | STD | STD |
| Cushion close (2) STEEL DOORS ONLY | Y | Y | Y | Y | Y | Y | Y |
| Magnetic latches (3) | Y | Y | Y | Y | Y | Y | Y |
| Outlet Guard (4) | Y | Y | Y | Y | Y | Y | Y |
| Motor safety chain (5) | Y | Y | Y | Y | Y | Y | Y |
| Safety basket guard (6) | Y | Y | Y | Y | Y | Y | Y |
| Extended grease line (7) | Y | Y | Y | Y | Y | Y | Y |
| STEEL CURB (8) | | | | | | | |
| 8" Flat | Y | Y | Y | Y | Y | Y | Y |
| 12" Flat | Y | Y | Y | Y | Y | Y | Y |
| Curb Cap Adaptor up to 4" (9) | Y | Y | Y | Y | Y | Y | Y |
| Epoxy (Gray) (10) | Y | Y | Y | Y | Y | Y | Y |
| Special Color (Paint Chip required) add to psint cost (11) | Y | Y | Y | Y | Y | Y | Y |
| Polyamide-Epoxy Coating (formerly Eisenheiss) (12) | Y | Y | Y | Y | Y | Y | Y |
| Heresite (13) | Y | Y | Y | Y | Y | Y | Y |
| Aluminum fan (14) | to 5HP | Y | Y | Y | Y | Y | Y |
| | 7 1/2HP & Larger | | - | Y | Y | Y | Y |

ACCESSORIES FOOTNOTES

TUBEAXIAL UPBLAST

MODELS: TUB, TUB-HT & TUB-HT UL793

- (1) **Damper Doors** - Sizes 24"-42" come in standard 20 ga. galvanized. TUB-HT doors are steel only.
- (2) **Cushion Close** - Recommended to help quiet door closing. Available on steel doors only. (Not for use with UL-793 option.)
- (3) **Magnetic Latches** - Recommend to reduce damper door chatter. (Not for use with UL-793 option.)
- (4) **Outlet Guard** - Prevents birds or objects from entering fan when not in operation.
- (5) **Safety Chain** - Safety feature for changing or servicing motor.
- (6) **Safety Basket Guard** - Basket type guard extends into curb. Must be installed before PRV is installed. Recommended as a safety precaution for personnel working below.
- (7) **Extended Grease Line** - 1 phase not available. 3 phase available on 2HP 1200 RPM (180T and larger). Grease lines to motor and bearings. Note: Some motors only have 1 of 2 bearings that can be greased. A single grease line will be run if both are not available. Standard for model TUB-HT.
- (8) **Prefab Curbs** - Ship FOB supplier. See current curb submittal for details. All welded construction, 18 ga. galvanized steel, 1" semi-rigid thermal insulation, 2" x 2" wood nailer. Order damper tray if damper required (Butterfly dampers come standard.)
- (9) **Curb Cap Adaptor** - Add up to 4" to standard fan base.

COATINGS:

- (10) **Epoxy Coating (Gray Air Dry)**- For use in alkaline type atmosphere (except in acetic and nitric acids). Epoxy forms an excellent hard, heavy film barrier against chemical attack as well as physical damage from direct impact and abrasion. Heat resistant up to 250 degrees F. Price is for in OR out coverage. Add 35% for in/out. If not specified unit will be painted outside only.
- (11) **Special Color**- For special color paint chip is required.
- (12) **Polyamide-Epoxy Coating (formerly Eisenheiss)** - A two coat air dry finish, effective preventing corrosion by acids, alkalis, fumes, steam and condensation.
- (13) **Heresite** - Protection against salt atmosphere, humidity and mildly corrosive chemical conditions up to 150 degrees F.
- (14) **Aluminum** - Includes alum panel, stainless hardware, barrel assembly, alum extruded blade. Motor base plate and bearing bracket may be steel on higher HP units. Standard catalog blade hub is steel. Damper doors are fiberglass. (Not available on TUB-HT or on units with UL-793 listing.)