

Roof-Top Power Ventilators & Fresh Air Intakes For Commercial, Industrial and Agricultural Requirements

Features:

- Factory tested and shipped ready to operate, including factory wired components
- ETL listed and labeled in accordance with U.L. standards
- Copper-wound heavy duty ball bearing motors
- Self-aligning, heavy duty, greaseable, pillow block, ball type fan bearing
- Aluminum construction with key steel components
- Adjustable motor sheave for air flow adjustment
- Lifting sky hooks
- The most up-to-date propeller type axial fan affords maximum air delivery while minimizing horsepower
- Interchangeable components with UMP-700 Series evaporative coolers
- Tilting hinged access hood for ease of maintenance
- 1/2" by 1/2" birdscreen

• UE Series

• Exhaust / Intake

- UE 30
- UE 36
- UE 42
- UE 48
- UE 48-2

Available Options

- Pre-wired control packages
- Spark resistant fans
- Explosion proof motors
- Self-tensioning belt
- Installation accessories
- Back draft damper
- Safety guards
- Fused and non-fused disconnects
- 1/4" by 1/4" birdscreen

Resources Available for This Product

- Catalog Online



United Metal Products

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| Model | AIR DELIVERY IN CUBIC FEET PER MINUTE | | | | | | | | ELECTRICAL SPECIFICATIONS | | | | FAN UNIT | | | | Dimensions (inches) | | | | | | Weights (Lbs) ^② |
|--------------------------------------|---------------------------------------|-----|--------|-----|--------|-----|--------|-----|---------------------------|----------|--|--|----------|---------|--------|-------|---------------------|--------|----|-----|-------|------|----------------------------|
| | Inches Static Pressure (W.G.) | | | | | | | | Fan Motor ^① | | | | Fan | | Drives | | A | B | C | D | E | F | |
| | Free Air | | 0.125 | | 0.25 | | 0.375 | | HP | Max BHP | Volt/Phase 115/208/230 1-Phase Amps | Volt/Phase 208/230/460 3-Phase Amps | Dia. | Max RPM | Belt | Shaft | | | | | | | |
| CFM | RPM | CFM | RPM | CFM | RPM | CFM | RPM | | | | | | | | | | | | | | | | |
| UE 30 Exhaust (E) Intake (I) | 9,330 | 676 | 8,080 | 676 | 3,570 | 676 | -- | -- | 1/2 | .57 | 9.8/5.4/4.9 | 2.4/2.2/1.1 | 30" | 800 | A40 | 1" | 33.75 | 33.75 | 60 | 68 | 18.00 | 32.5 | 249 |
| | 10,650 | 771 | 9,610 | 771 | 7,710 | 771 | 5,150 | 771 | 3/4 | .86 | 13.8/7.6/6.9 | 3.5/3.2/1.6 | 30" | 800 | A40 | 1" | 33.75 | 33.75 | 60 | 68 | 18.00 | 32.5 | 257 |
| | 11,720 | 849 | 10,800 | 849 | 9,490 | 849 | 6,960 | 849 | 1 | 1.15 | 16.0/8.8/8.0 | 4.6/4.2/2.1 | 30" | 800 | A40 | 1" | 33.75 | 33.75 | 60 | 68 | 18.00 | 32.5 | 259 |
| UE 36 Exhaust (E) Intake (I) | 12,550 | 550 | 10,870 | 550 | 7,360 | 550 | -- | -- | 3/4 | 0.86 | 13.8/7.6/6.9 | 3.5/3.2/1.6 | 36" | 800 | A44 | 1" | 39.75 | 39.75 | 78 | 80 | 18.00 | 32.5 | 299 |
| | 13,830 | 610 | 12,330 | 610 | 9,980 | 610 | -- | -- | 1 | 1.15 | 16.0/8.8/8.0 | 4.6/4.2/2.1 | 36" | 800 | A44 | 1" | 39.75 | 39.75 | 78 | 80 | 18.00 | 32.5 | 300 |
| | 15,610 | 680 | 14,300 | 680 | 12,770 | 680 | 9,350 | 680 | 1 1/2 | 1.73 | 20.0/11.0/10.0 | 6.6/6.0/3.0 | 36" | 800 | A44 | 1" | 39.75 | 39.75 | 78 | 80 | 18.00 | 32.5 | 312 |
| UE 42 Exhaust (E) Intake (I) | 16,890 | 470 | 14,610 | 470 | 9,840 | 470 | -- | -- | 1 | 1.15 | 16.0/8.8/8.0 | 4.6/4.2/2.1 | 42" | 690 | A48 | 1" | 45.75 | 45.75 | 90 | 80 | 18.00 | 32.5 | 339 |
| | 19,070 | 530 | 17,100 | 530 | 14,260 | 530 | -- | -- | 1 1/2 | 1.73 | 20.0/11.0/10.0 | 6.6/6.0/3.0 | 42" | 690 | A48 | 1" | 45.75 | 45.75 | 90 | 80 | 18.00 | 32.5 | 351 |
| | 20,970 | 580 | 19,190 | 580 | 17,100 | 580 | 12,460 | 580 | 2 | 2.3 | 24.0/13.2/12.0 | 7.5/6.8/3.4 | 42" | 690 | A48 | 1" | 45.75 | 45.75 | 90 | 80 | 18.00 | 32.5 | 371 |
| UE 48 Exhaust (E) Intake (I) | 22,710 | 430 | 19,850 | 430 | 13,880 | 430 | -- | -- | 1 1/2 | 1.73 | 20.0/11.0/10.0 | 6.6/6.0/3.0 | 48" | 630 | A60 | 1" | 53.75 | 53.75 | 98 | 92 | 18.00 | 32.5 | 400 |
| | 25,050 | 470 | 22,500 | 470 | 18,940 | 470 | -- | -- | 2 | 2.3 | 24.0/13.2/12.0 | 7.5/6.8/3.4 | 48" | 630 | A60 | 1" | 53.75 | 53.75 | 98 | 92 | 18.00 | 32.5 | 420 |
| | 28,620 | 540 | 26,410 | 540 | 23,930 | 540 | 18,630 | 540 | 3 | 3.45 | --/18.7/17.0 | 10.6/9.6/4.8 | 48" | 630 | A60 | 1" | 53.75 | 53.75 | 98 | 92 | 18.00 | 32.5 | 432 |
| UE 48-2 Exhaust (E) Intake (I) | 45,420 | 430 | 39,700 | 430 | 27,760 | 430 | -- | -- | (2) 1 1/2 | (2) 1.73 | (2) 20.0/11.0/10.0 | (2) 6.6/6.0/3.0 | (2) 48" | 630 | A60 | 1" | 53.75 | 107.75 | 98 | 148 | 18.00 | 32.5 | 668 |
| | 50,100 | 470 | 45,000 | 470 | 37,880 | 470 | -- | -- | (2) 2 | (2) 2.3 | (2) 24.0/13.2/12.0 | (2) 7.5/6.8/3.4 | (2) 48" | 630 | A60 | 1" | 53.75 | 107.75 | 98 | 148 | 18.00 | 32.5 | 708 |
| | 57,240 | 540 | 52,820 | 540 | 47,860 | 540 | 37,260 | 540 | (2) 3 | (2) 3.45 | (2) --/18.7/17.0 | (2) 10.6/9.6/4.8 | (2) 48" | 630 | A60 | 1" | 53.75 | 107.75 | 98 | 148 | 18.00 | 32.5 | 732 |

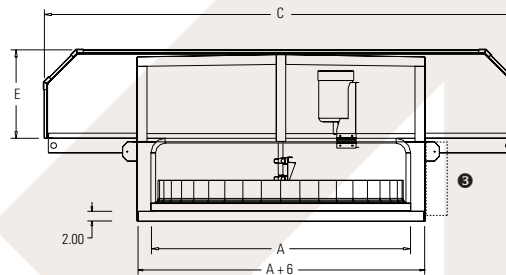
- * Performance ratings shown does not include drive losses or system effect. Consider a minimum of 0.125" pressure on all systems.
- * Performance shown is for installation Type A: Free Inlet, Free Outlet.
- * Power rating (BHP) does not include drive losses.

- ① Only motors 1 HP or less are provided with integral thermal protection. Motors 1.5 HP or greater require a separate motor overload device. Amperage ratings shown are NEC at nominal HP. Usable at 208v. Consult factory for overload and control options.
- ② Weights are in pounds and include motors, belts, and drives. Weights exclude optional accessories such as curb, damper and controls.
- ③ Electrical Connects are centered on the motor side by default.

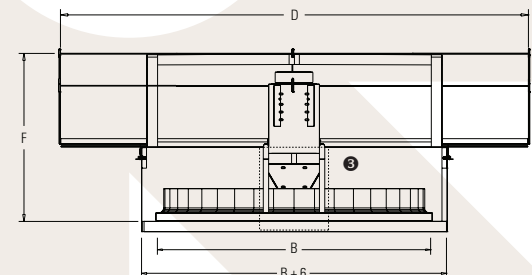
CAUTION: Do not use in hazardous environments where the fan's electrical system could provide ignition to combustible or flammable materials, unless unit is specifically built for hazardous environments.

WARNING: Guards must be installed when fan is within reach of personnel or within seven (7) feet of working level or when deemed advisable for safety.

End View

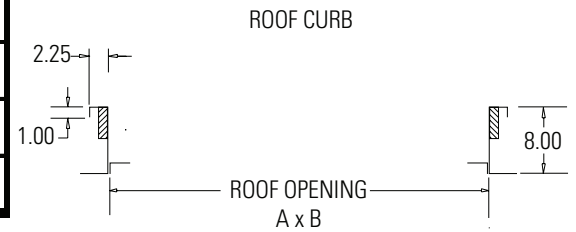


Side View

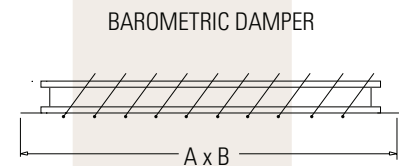


UE Optional Accessories

| Description | Part # | A | B | Weight in lbs. |
|------------------|--------|--------|---------|----------------|
| UE30 Roof Curb | 81225 | 34.25" | 34.25" | 45 |
| UE36 Roof Curb | 65651 | 40.25" | 40.25" | 55 |
| UE42 Roof Curb | 65652 | 46.25" | 46.25" | 65 |
| UE48 Roof Curb | 65653 | 54.25" | 54.25" | 75 |
| UE48-2 Roof Curb | 65654 | 54.25" | 108.25" | 110 |



| Description | Part # | A | B | Weight in lbs. |
|-----------------------|--------|--------|---------|----------------|
| UE30 Gravity Damper | 73037 | 34.00" | 34.00" | 23 |
| UE36 Gravity Damper | 65750 | 40.00" | 40.00" | 27 |
| UE42 Gravity Damper | 65751 | 46.00" | 46.00" | 29 |
| UE48 Gravity Damper | 65752 | 54.00" | 54.00" | 37 |
| UE48-2 Gravity Damper | 65753 | 54.00" | 108.00" | 73 |



| Description | Part # | A | B | Weight in lbs. |
|-------------------------|-----------|--------|--------|----------------|
| UE30 Safety Grill | 70666 | 33.00" | 33.00" | 9 |
| UE36 Safety Grill | 52115 | 39.00" | 39.00" | 11 |
| UE42 Safety Grill | 52116 | 45.00" | 45.00" | 14 |
| UE48 Safety Grill | 52117 | 53.00" | 53.00" | 18 |
| (2) UE48-2 Safety Grill | (2) 52117 | 53.00" | 53.00" | (2) 18 |

