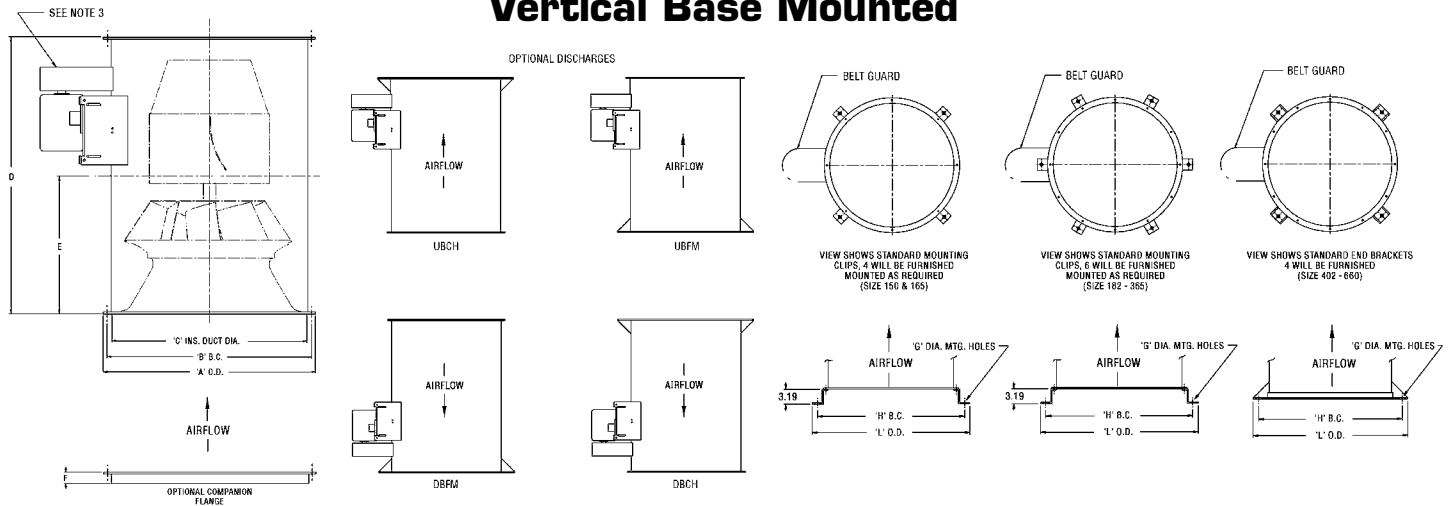


# ESI Inline Fan Vertical Base Mounted



- Notes:**
1. Upblast discharge shown. Downblast same but inverted.
  2. All units equipped with "J" dia. shaft and bearings.
  3. All units equipped with adjustable motor base.
  4. Belt guard is standard on all sizes.
  5. For size 730 contact factory.
  6. Fan duct mounting holes:  
 150 - 165 = (8) 9/16 dia. holes equally spaced about a "B" dia. bolt circle.  
 182 - 270 = (12) 9/16 dia. holes equally spaced about a "B" dia. bolt circle.  
 300 - 365 = (16) 9/16 dia. holes equally spaced about a "B" dia. bolt circle.  
 402 - 445 = (16) 13/16 dia. holes equally spaced about a "B" dia. bolt circle.  
 490 - 660 = (24) 13/16 dia. holes equally spaced about a "B" dia. bolt circle.

## Dimensional Data

| Size | A        | B      | C        | D       | E        | F     | G     | H        | J<br>Shaft Dia. | L        | Max.<br>Motor<br>Frame |
|------|----------|--------|----------|---------|----------|-------|-------|----------|-----------------|----------|------------------------|
| 150  | 23       | 22     | 20 1/4   | 29 5/16 | 14 11/16 | 1 1/4 | 7/16  | 25 1/4   | 1 7/16          | 26 1/2   | 213T                   |
| 165  | 25       | 24     | 22 5/16  | 31 3/4  | 15 7/8   | 1 1/2 | 7/16  | 27 3/16  | 1 7/16          | 28 11/16 | 213T                   |
| 182  | 28       | 26 3/4 | 24 11/16 | 35 7/8  | 17 15/16 | 1 1/2 | 7/16  | 29 3/4   | 1 7/16          | 31       | 213T                   |
| 200  | 30 5/16  | 29 1/8 | 27 1/16  | 39 3/16 | 19 5/8   | 1 1/2 | 7/16  | 33 11/16 | 1 11/16         | 35 7/16  | 215T                   |
| 222  | 33 3/8   | 32 1/8 | 30 1/16  | 43 1/8  | 21 9/16  | 1 1/2 | 3/4   | 36 11/16 | 1 11/16         | 38 7/16  | 254T                   |
| 245  | 36 3/8   | 35 1/8 | 33 1/8   | 47 7/8  | 23 15/16 | 1 1/2 | 3/4   | 39 5/8   | 1 11/16         | 41 3/8   | 254T                   |
| 270  | 39 3/4   | 38 1/2 | 36 1/2   | 52 9/16 | 26 1/4   | 1 1/2 | 3/4   | 43/8     | 1 15/16         | 44 7/8   | 256T                   |
| 300  | 44 7/8   | 43 1/8 | 40 9/16  | 57 3/4  | 28 7/8   | 2     | 3/4   | 47 3/8   | 2 3/16          | 49 1/8   | 256T                   |
| 330  | 49       | 47 1/4 | 44 5/8   | 63 3/4  | 31 7/8   | 2     | 3/4   | 51 7/16  | 2 3/16          | 53 3/16  | 284T                   |
| 365  | 53 3/4   | 52     | 49 3/8   | 70 1/2  | 35 1/4   | 2     | 3/4   | 56 3/16  | 2 11/16         | 57 15/16 | 286T                   |
| 402  | 59 11/16 | 57 1/2 | 54 3/8   | 77 1/8  | 38 9/16  | 2 1/2 | 9/16  | 65 3/4   | 2 15/16         | 67 3/4   | 324T                   |
| 445  | 65 1/2   | 63 1/2 | 60 3/16  | 86      | 43       | 2 1/2 | 9/16  | 71 1/2   | 3 7/16          | 73 1/2   | 324T                   |
| 490  | 71 5/8   | 69 3/8 | 66 1/4   | 94 3/4  | 47 3/8   | 2 1/2 | 9/16  | 77 5/8   | 3 7/16          | 79 5/8   | 324T                   |
| 542  | 79 3/4   | 77     | 73 3/8   | 104 3/8 | 52 3/16  | 3     | 13/16 | 84 5/8   | 3 15/16         | 86 5/8   | 326T                   |
| 600  | 87 1/2   | 84 3/4 | 81 3/16  | 115 3/8 | 57 11/16 | 3     | 3/4   | 94 1/4   | 4 7/16          | 99 1/4   | 405T                   |
| 660  | 95 5/8   | 92 7/8 | 89 5/16  | 127 3/8 | 63 11/16 | 3     | 3/4   | 102 1/2  | 4 7/16          | 107 1/2  | 405T                   |



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## Submittal Sheet ESI Inline Fan Vertical Base Mounted Arrangement 9, Class II

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**Form ES-ESI-VA**  
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