

TVB Series Motor and Fan Data

TVB PSC MOTOR AND FAN DATA

| Unit Size | Fan Speed | Motor H.P.<br>(QTY) | # Of Fan | 115 Volts |       | 208-230 Volts |       | 277 Volts |       |
|-----------|-----------|---------------------|----------|-----------|-------|---------------|-------|-----------|-------|
|           |           |                     |          | FLA       | WATTS | FLA           | WATTS | FLA       | WATTS |
| 02        | High      | (1) 1/50            | 1        | 0.40      | 45    | 0.27          | 53    | 0.21      | 57    |
|           | Medium    |                     |          |           | 35    |               | 41    |           | 44    |
|           | Low       |                     |          |           | 28    |               | 36    |           | 40    |
| 03        | High      | (1) 1/20            | 1        | 0.60      | 60    | 0.40          | 67    | 0.31      | 73    |
|           | Medium    |                     |          |           | 48    |               | 54    |           | 60    |
|           | Low       |                     |          |           | 43    |               | 49    |           | 54    |
| 04        | High      | (1) 1/20            | 2        | 0.75      | 70    | 0.39          | 71    | 0.35      | 76    |
|           | Medium    |                     |          |           | 61    |               | 60    |           | 65    |
|           | Low       |                     |          |           | 58    |               | 52    |           | 58    |
| 06        | High      | (1) 1/20            | 2        | 0.75      | 80    | 0.39          | 81    | 0.35      | 87    |
|           | Medium    |                     |          |           | 74    |               | 71    |           | 77    |
|           | Low       |                     |          |           | 61    |               | 59    |           | 64    |
| 08        | High      | (1) 1/10            | 2        | 1.10      | 114   | 0.51          | 109   | 0.46      | 114   |
|           | Medium    |                     |          |           | 81    |               | 77    |           | 80    |
|           | Low       |                     |          |           | 71    |               | 66    |           | 70    |
| 10        | High      | (2) 1/20            | 4        | 1.50      | 132   | 0.78          | 140   | 0.70      | 144   |
|           | Medium    |                     |          |           | 114   |               | 116   |           | 120   |
|           | Low       |                     |          |           | 107   |               | 101   |           | 106   |
| 12        | High      | (2) 1/20            | 4        | 1.50      | 142   | 0.78          | 147   | 0.70      | 154   |
|           | Medium    |                     |          |           | 126   |               | 125   |           | 131   |
|           | Low       |                     |          |           | 114   |               | 107   |           | 114   |

Notes:

1. TVBF 3-row coil, no EH, no toe kick, standard throw away panel filter. Fan watts shown at operating conditions
2. Data was taken without ductwork
3. Unit size 04, 06, 08, 10 and 12 data generated at 115v, 230v and 277v
4. Unit size 02 & 03 data generated with 115v, 240v to 120v transformer (230v line voltage) and 277v to 120v transformer (277v line voltage)
5. FLA based on motor nameplate

TVB SERIES ECM MOTOR AND FAN DATA

Note: Contact Titus regarding EC motor data before project submission

VERTICAL CONCEALED (TVBC)

| Unit Size | Fan Speed | Motor H.P. (QTY) | # Of Fan | WATTS | 115 Volts |                 | 208-230 Volts |                 | 277 Volts |                 |
|-----------|-----------|------------------|----------|-------|-----------|-----------------|---------------|-----------------|-----------|-----------------|
|           |           |                  |          |       | FLA       | 3-Phase Neutral | FLA           | 3-Phase Neutral | FLA       | 3-Phase Neutral |
| 02        | High      | (1) 1/25         | 1        | 34    | 0.7       | 1.0             | 0.5           | 0.8             | 0.5       | 0.8             |
| 03        | High      | (1) 1/25         | 1        | 48    | 1.0       | 1.5             | 0.8           | 1.2             | 0.7       | 1.0             |
| 04        | High      | (1) 1/25         | 2        | 55    | 1.2       | 1.7             | 0.9           | 1.3             | 0.9       | 1.3             |
| 06        | High      | (1) 1/25         | 2        | 63    | 1.4       | 2.0             | 1.1           | 1.6             | 1.1       | 1.6             |
| 08        | High      | (1) 1/25         | 2        | 83    | 1.7       | 2.5             | 1.3           | 1.9             | 1.2       | 1.7             |
| 10        | High      | (2) 1/25         | 4        | 106   | 2.2       | 3.2             | 1.6           | 2.4             | 1.6       | 2.4             |
| 12        | High      | (2) 1/25         | 4        | 120   | 3.0       | 4.4             | 2.4           | 3.4             | 2.2       | 3.2             |

VERTICAL EXPOSED (TVBF) / SLOPED TOP (TVBA)

| Unit Size | Fan Speed | Motor H.P. (QTY) | # Of Fan | WATTS | 115 Volts |                 | 208-230 Volts |                 | 277 Volts |                 |
|-----------|-----------|------------------|----------|-------|-----------|-----------------|---------------|-----------------|-----------|-----------------|
|           |           |                  |          |       | FLA       | 3-Phase Neutral | FLA           | 3-Phase Neutral | FLA       | 3-Phase Neutral |
| 02        | High      | (1) 1/25         | 1        | 38    | 0.7       | 1.0             | 0.5           | 0.8             | 0.5       | 0.8             |
| 03        | High      | (1) 1/25         | 1        | 48    | 1.0       | 1.5             | 0.7           | 1.0             | 0.7       | 1.0             |
| 04        | High      | (1) 1/25         | 2        | 53    | 1.1       | 1.6             | 0.9           | 1.3             | 0.9       | 1.3             |
| 06        | High      | (1) 1/25         | 2        | 66    | 1.4       | 2.0             | 1.1           | 1.6             | 1.0       | 1.5             |
| 08        | High      | (1) 1/25         | 2        | 93    | 1.8       | 2.6             | 1.3           | 1.9             | 1.3       | 1.9             |
| 10        | High      | (2) 1/25         | 4        | 115   | 2.8       | 4.0             | 2.2           | 3.2             | 2.2       | 3.2             |
| 12        | High      | (2) 1/25         | 4        | 120   | 3.0       | 4.4             | 2.2           | 3.2             | 2.2       | 3.2             |

Notes:

1. Exposed, 3-row coil, no EH, no toe kick, standard throw away panel filter
2. Watts as shown are for .05" ESP, 3 row coil, 115/1/60, 12 FPI, and throwaway filters
3. Motor HP as noted is a nominal rating
4. Data as supplied is for reference only. For project specific operational points see selection tool report out.