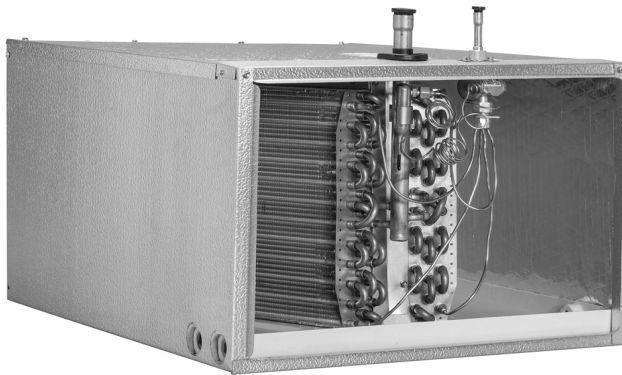


Specification Guide

V Series

Premier Horizontal Evaporator Coils

with Top Connections



| Contents | Page |
|------------------------|-------------|
| Product Features | 2 |
| Nomenclature..... | 2 |
| Dimensions | 3 |
| Airflow Data..... | 4 |



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Airflow Data

| Slab * Number | Nominal Tonnage | ^ Air Pressure Drop (in WC) by CFM | | | | | | | |
|------------------|--------------------|------------------------------------|------|------|------|------|------|------|------|
| | | 600 | 800 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 |
| (D,P) 02 | 1.5 - 2.5 | 0.17 | 0.27 | 0.40 | - | - | - | - | - |
| (D,P) 03 | 2.0 - 3.0 | - | 0.16 | 0.25 | 0.35 | - | - | - | - |
| (D,P) 04 | 2.5 - 3.5 | - | - | 0.17 | 0.23 | 0.34 | - | - | - |
| (D,P) 05 | 2.5 - 4.0 | - | - | 0.13 | 0.19 | 0.25 | 0.32 | - | - |
| (D,P) 06 | 2.5 - 4.0 | - | 0.09 | 0.13 | 0.18 | 0.24 | 0.27 | - | - |
| (D,P) 07 | 3.0 - 5.0 | - | - | - | 0.14 | 0.19 | 0.24 | 0.30 | 0.35 |
| (D,P) 08 | 3.5 - 5.0 | - | - | - | 0.13 | 0.17 | 0.21 | 0.27 | 0.32 |
| (D,P) 09 | 3.5 - 5.0 | - | - | - | - | 0.15 | 0.18 | 0.23 | 0.27 |
| (D,P) 11 | 1.5 - 2.5 | 0.15 | 0.25 | 0.37 | - | - | - | - | - |
| (D,P) 12 | 1.5 - 3.0 | 0.11 | 0.17 | 0.25 | 0.35 | - | - | - | - |
| (D,P) 13 | 1.5 - 3.5 | 0.08 | 0.14 | 0.20 | 0.27 | 0.36 | - | - | - |
| (D,P) 14 | 2.5 - 4.0 | - | - | 0.17 | 0.24 | 0.32 | 0.41 | - | - |
| (D,P) 15 | 3.0 - 4.0 | - | - | 0.14 | 0.20 | 0.28 | 0.35 | - | - |
| (D,P) 16 | 3.0 - 5.0 | - | - | - | 0.17 | 0.23 | 0.29 | 0.36 | 0.43 |
| (D,P) 17 | 3.0 - 5.0 | - | - | 0.10 | 0.14 | 0.19 | 0.24 | 0.25 | 0.36 |
| (D,P) 18 | 3.0 - 5.0 | - | - | - | 0.11 | 0.14 | 0.18 | 0.23 | 0.28 |
| (D,P) 19 | 3.5 - 5.0 | - | - | - | - | 0.22 | 0.33 | 0.41 | 0.48 |
| (D,P) 20 | 3.5 - 5.0 | - | - | - | - | 0.19 | 0.24 | 0.29 | 0.34 |
| (D,P) 21 | 1.5 - 3.0 | 0.09 | 0.13 | 0.20 | 0.27 | - | - | - | - |
| (D,P) 22 | 1.5 - 3.0 | 0.06 | 0.09 | 0.13 | 0.18 | - | - | - | - |
| (D,P) 25 | 2.5 - 3.0 | - | - | 0.15 | 0.21 | - | - | - | - |
| (D,P) 26 | 2.0 - 4.0 | - | 0.08 | 0.11 | 0.16 | 0.21 | 0.27 | - | - |
| (D,P) 27 | 3.0 - 5.0 | - | - | - | 0.11 | 0.15 | 0.18 | 0.23 | 0.28 |
| (D,P) 28 | 2.5 - 3.0 | - | - | - | 0.14 | 0.19 | 0.23 | 0.29 | 0.35 |
| (D,P) 29 | 3.5 - 5.0 | - | - | - | - | 0.12 | 0.15 | 0.19 | 0.23 |
| (D,P) 30 | 3.5 - 5.0 | - | - | - | - | 0.15 | 0.19 | 0.24 | 0.29 |
| (D,P) 36 | 3.0 - 4.0 | - | - | - | 0.20 | 0.27 | 0.33 | - | - |
| (D,P) 38 | 3.0 - 4.0 | - | - | - | 0.18 | 0.25 | 0.31 | - | - |
| (D,P) 42 | 1.5 - 3.0 | 0.09 | 0.14 | 0.20 | 0.28 | - | - | - | - |
| (D,P) 43 | 1.5 - 3.0 | 0.07 | 0.12 | 0.17 | 0.24 | - | - | - | - |
| (D,P) 44 | 1.5 - 3.0 | 0.06 | 0.10 | 0.14 | 0.20 | - | - | - | - |
| (D,P) 45 | 2.5 - 3.5 | - | - | 0.19 | 0.27 | 0.35 | - | - | - |
| (D,P) 46 | 2.0 - 4.0 | - | 0.05 | 0.08 | 0.11 | 0.15 | 0.19 | - | - |
| (D,P) 47 | 2.0 - 3.0 | - | 0.11 | 0.16 | 0.17 | - | - | - | - |
| (D,P) 48 | 2.0 - 3.0 | - | 0.09 | 0.14 | 0.19 | - | - | - | - |
| (D,P) 49 | 4.0 - 5.0 | - | - | - | - | 0.16 | 0.20 | 0.25 | 0.30 |
| (D,P) 50 | 3.5 - 5.0 | - | - | - | - | 0.16 | 0.21 | 0.27 | 0.33 |
| (D,P) 51 | 3.5 - 5.0 | - | - | - | - | 0.12 | 0.15 | 0.19 | 0.23 |
| (D,P) 52 | 3.5 - 5.0 | - | - | 0.12 | 0.16 | 0.20 | 0.26 | 0.32 | 0.39 |
| (D,P) 53 | 3.5 - 5.0 | - | - | - | - | 0.17 | 0.22 | 0.27 | 0.33 |
| (D,P) 54 | 3.5 - 5.0 | - | - | - | - | 0.16 | 0.20 | 0.25 | 0.30 |
| (D,P) 55 | 1.5 - 3.0 | 0.09 | 0.15 | 0.21 | 0.30 | - | - | - | - |
| (D,P) 56 | 4.0 - 5.0 | - | - | - | - | 0.13 | 0.16 | 0.21 | 0.25 |
| (D,P) 57 | 3.0 - 4.0 | - | - | - | 0.14 | 0.18 | 0.22 | - | - |
| (D,P) 58 | 3.5 - 5.0 | - | - | - | - | 0.17 | 0.22 | 0.28 | 0.33 |
| (D,P) 59 | 3.5 - 5.0 | - | - | - | - | 0.18 | 0.23 | 0.29 | 0.34 |
| (D,P) 62 | 1.5 - 2.5 | 0.13 | 0.22 | 0.32 | - | - | - | - | - |
| (D,P) 63 | 2.0 - 3.0 | - | 0.17 | 0.24 | 0.33 | - | - | - | - |
| (D,P) 64 | 2.5 - 3.5 | - | - | 0.19 | 0.26 | 0.34 | - | - | - |
| (D,P) 65 | 2.5 - 4.0 | - | - | 0.17 | 0.23 | 0.30 | - | - | - |
| (D,P) 66 | 3.0 - 4.0 | - | - | - | 0.18 | 0.24 | 0.30 | - | - |
| (D,P) 67 | 3.0 - 5.0 | - | - | - | 0.16 | 0.20 | 0.25 | 0.31 | 0.37 |
| (D,P) 68 | 3.5 - 5.0 | - | - | - | - | 0.15 | 0.19 | 0.23 | 0.27 |
| (D,P) 71 | 1.5 - 2.5 | 0.15 | 0.24 | 0.35 | - | - | - | - | - |
| (D,P) 72 | 2.0 - 3.0 | - | 0.19 | 0.27 | 0.37 | - | - | - | - |
| (D,P) 73 | 2.5 - 4.0 | - | - | 0.21 | 0.29 | 0.37 | - | - | - |
| (D,P) 74 | 3.0 - 4.0 | - | - | 0.19 | 0.25 | 0.33 | 0.41 | - | - |
| (D,P) 75 | 3.0 - 5.0 | - | - | - | 0.20 | 0.26 | 0.33 | - | - |
| (D,P) 76 | 3.0 - 5.0 | - | - | - | 0.17 | 0.22 | 0.28 | 0.34 | 0.40 |
| (D,P) 77 | 3.5 - 5.0 | - | - | 0.11 | 0.14 | 0.19 | 0.21 | 0.27 | 0.34 |
| (D,P) 78 | 2.0 - 4.0 | - | 0.09 | 0.12 | 0.17 | 0.23 | 0.30 | - | - |
| (D,P) 79 | 3.5 - 5.0 | - | - | - | - | 0.22 | 0.28 | 0.34 | 0.40 |
| (D,P) 87 | 2.0 - 3.0 | - | 0.09 | 0.13 | 0.17 | - | - | - | - |
| (D,P) 88 | 2.5 - 3.0 | - | - | 0.21 | 0.29 | - | - | - | - |
| (D,P) 89 | 2.5 - 3.0 | - | - | 0.13 | 0.18 | - | - | - | - |

* D = Copper slab; P = Aluminum slab

^ Air pressure drop data is under dry coil conditions. For wet coil conversion at standard AHRI conditions, use 1.3 multiplier.