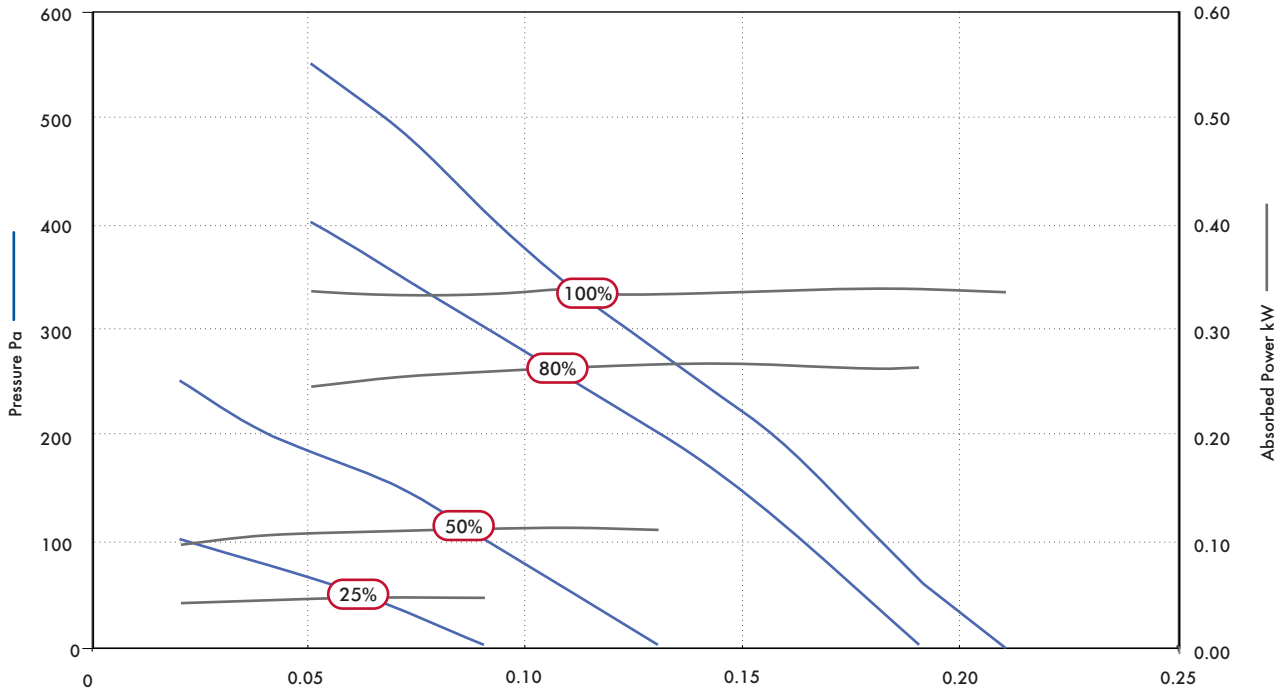


Sentinel Totus² D-ERV - Mini Model

Performance



Performance Guide

| Speed | Air Volume m ³ /s | | | | | | | | | | | | | Fans F.L.C. | Supply Voltage | Frost Heater | Unit Rated Current | | | | | | | | | | |
|-------|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------------|-----------------|--------------|--------------------|-----------------|-----|-----|-----------------|-----|-----|------|-----------------|-----|-----|
| | 0 | 50 | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | | | | | | | | | | | | | | | |
| 100% | m ³ /s | 0.21 | 0.19 | 0.18 | 0.17 | 0.16 | 0.14 | 0.12 | 0.11 | 0.09 | 0.08 | 0.07 | 0.05 | 2.5 | 230V/ 1/50Hz | 2kW | 12A | | | | | | | | | | |
| | kW | 0.33 | 0.34 | 0.34 | 0.34 | 0.34 | 0.33 | 0.33 | 0.34 | 0.33 | 0.34 | 0.33 | 0.34 | | | | | | | | | | | | | | |
| | SFP | 1.59 | 1.77 | 1.87 | 1.98 | 2.10 | 2.38 | 2.77 | 3.06 | 3.69 | 4.19 | 4.70 | 6.70 | | | | | | | | | | | | | | |
| 80% | m ³ /s | 0.19 | 0.18 | 0.16 | 0.15 | 0.13 | 0.11 | 0.09 | 0.07 | 0.05 | | | | 1.85 | | | | 230V/ 1/50Hz | 2kW | 12A | | | | | | | |
| | kW | 0.26 | 0.26 | 0.27 | 0.27 | 0.27 | 0.26 | 0.26 | 0.25 | 0.25 | | | | | | | | | | | | | | | | | |
| | SFP | 1.38 | 1.46 | 1.66 | 1.79 | 2.05 | 2.39 | 2.88 | 3.63 | 4.90 | | | | | | | | | | | | | | | | | |
| 50% | m ³ /s | 0.13 | 0.11 | 0.09 | 0.07 | 0.04 | 0.02 | | | | | | | 0.8 | | | | | | | 230V/ 1/50Hz | 2kW | 12A | | | | |
| | kW | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.10 | | | | | | | | | | | | | | | | | | | | |
| | SFP | 0.85 | 1.02 | 1.23 | 1.56 | 2.63 | 4.80 | | | | | | | | | | | | | | | | | | | | |
| 25% | m ³ /s | 0.09 | 0.06 | 0.02 | | | | | | | | | | | | | | | | | | | | 0.35 | 230V/ 1/50Hz | 2kW | 12A |
| | kW | 0.05 | 0.05 | 0.04 | | | | | | | | | | | | | | | | | | | | | | | |
| | SFP | 0.51 | 0.77 | 2.05 | | | | | | | | | | | | | | | | | | | | | | | |

Performance Data from Lab Report Ref LR5100

Sound Data

| Speed | Test Mode | Octave Band Frequency SWL | | | | | | | | dB(A) @ 3m |
|-------|-----------|---------------------------|-----|-----|-----|----|----|----|----|------------|
| | | 63 | 125 | 250 | 500 | 1K | 2K | 4K | 8K | |
| 100% | Intake | 58 | 65 | 69 | 54 | 53 | 54 | 48 | 46 | 33 |
| | Supply | 55 | 59 | 55 | 50 | 49 | 53 | 37 | 36 | |
| | Discharge | 59 | 68 | 74 | 66 | 63 | 67 | 55 | 57 | |
| | Exhaust | 55 | 60 | 63 | 52 | 50 | 55 | 37 | 36 | |
| | Breakout | 55 | 53 | 55 | 47 | 43 | 46 | 33 | 31 | |
| 80% | Intake | 58 | 63 | 69 | 54 | 53 | 52 | 45 | 45 | 31 |
| | Supply | 53 | 58 | 55 | 46 | 48 | 50 | 34 | 33 | |
| | Discharge | 59 | 67 | 74 | 64 | 62 | 65 | 53 | 55 | |
| | Exhaust | 55 | 59 | 60 | 50 | 48 | 52 | 34 | 34 | |
| | Breakout | 53 | 52 | 53 | 44 | 42 | 44 | 31 | 30 | |
| 50% | Intake | 54 | 58 | 64 | 49 | 47 | 42 | 35 | 36 | 25 |
| | Supply | 49 | 53 | 53 | 39 | 40 | 38 | 26 | 29 | |
| | Discharge | 54 | 62 | 69 | 56 | 55 | 53 | 43 | 43 | |
| | Exhaust | 50 | 54 | 56 | 41 | 41 | 39 | 25 | 29 | |
| | Breakout | 50 | 48 | 49 | 38 | 35 | 33 | 24 | 27 | |
| 25% | Intake | 47 | 52 | 48 | 39 | 37 | 30 | 26 | 29 | 17 |
| | Supply | 48 | 48 | 38 | 33 | 31 | 27 | 22 | 28 | |
| | Discharge | 49 | 59 | 51 | 48 | 44 | 41 | 30 | 30 | |
| | Exhaust | 48 | 50 | 39 | 34 | 31 | 28 | 23 | 29 | |
| | Breakout | 44 | 45 | 33 | 32 | 28 | 25 | 23 | 26 | |