



turn to the experts 



42VDT-W Series

Floor/Ceiling Type

12,000-65,000 BTU



ISO 9001 : 2000

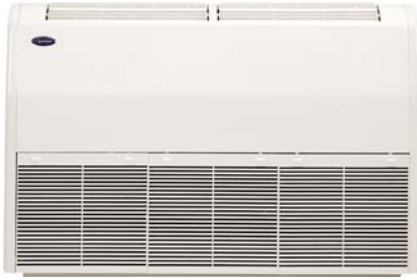


NQ531-02



TH03/0232QM

42VDT-W Series



The new **42VDT-W Series**, flexible floor/ceiling type, offers concentrated high technology in an aesthetically pleasing design. Their broad operating range make them suitable for any applications; individual air conditioning of small shops, apartments, hotel, hospital or air conditioning of new office.



Remote Control
(Optional)

The remote control (optional) is very simple to use and controls all air conditioning functions.

Physical Data

| Description | | Chilled Water Coil Floor Ceiling Type | | | | | | | |
|------------------------|-------------------|---------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Model | Indoor Unit | 42VDT004W | 42VDT006W | 42VDT008W | 42VDT010W | 42VDT012W | 42VDT014W | 42VDT016W | 42VDT020W |
| Cooling Capacity | Btu/hr. | 12,800 | 18,100 | 26,600 | 31,000 | 36,100 | 42,300 | 52,500 | 65,200 |
| Power Supply | V/Ph/Hz | 220/1/50 | | | | | | | |
| Power Input | watt. | 90 | 108 | 126 | 153 | 211 | 252 | 252 | 306 |
| Running Current | amp. | 0.41 | 0.49 | 0.59 | 0.69 | 0.97 | 1.18 | 1.18 | 1.39 |
| Indoor Air Circulation | cfm | 400 | 600 | 800 | 1,000 | 1,200 | 1,400 | 1,600 | 2,000 |
| Indoor Sound Level | (Hi/Med/Lo) dB(A) | 49/48/47 | 52/49/47 | 51/50/48 | 54/52/49 | 56/55/54 | 58/57/54 | 62/58/54 | 64/61/56 |
| Dimensions | Height | mm. 620 | | | | | | | |
| | Width | 670 | 870 | 970 | 1,270 | 1,570 | 1,670 | 1,770 | 2,170 |
| | Depth | mm. 250 | | | | | | 270 | |
| Net Weight | kg. | 33 | 36 | 41 | 58 | 69 | 73 | 77 | 81 |
| Pipe Connecting | Water inlet | inch 1/2 | | | | | | | |
| | Water Outlet | inch 1/2 | | | | | | | |
| | Drain O.D. | inch 3/4 | | | | | | | |

Performance Data

| Model | EWT (F) | Water Temperature Rise (F) | | | | | | | | | | | | | | | |
|-----------|---------|----------------------------|--------|-------|-------|--------|--------|-------|-------|--------|--------|-------|-------|--------|--------|-------|-------|
| | | 6 | | | | 8 | | | | 10 | | | | 12 | | | |
| | | TH | SH | GPM | PD | TH | SH | GPM | PD | TH | SH | GPM | PD | TH | SH | GPM | PD |
| 42VDT004W | 40 | 19,661 | 12,713 | 6.52 | 32.06 | 18,300 | 12,111 | 4.55 | 16.91 | 16,895 | 11,505 | 3.37 | 9.88 | 15,434 | 10,891 | 2.56 | 6.09 |
| | 45 | 15,747 | 11,007 | 5.23 | 21.28 | 14,288 | 10,409 | 3.56 | 10.74 | 12,800 | 9,801 | 2.55 | 5.96 | 11,580 | 9,256 | 1.93 | 3.62 |
| | 50 | 11,541 | 9,298 | 3.84 | 12.08 | 10,402 | 8,771 | 2.60 | 6.04 | 9,424 | 8,295 | 1.88 | 3.43 | 8,439 | 7,824 | 1.40 | 2.05 |
| 42VDT006W | 40 | 28,278 | 18,456 | 9.38 | 24.99 | 26,159 | 17,529 | 6.51 | 13.07 | 23,987 | 16,603 | 4.78 | 7.56 | 21,742 | 15,671 | 3.61 | 4.61 |
| | 45 | 22,545 | 15,984 | 7.49 | 16.47 | 20,292 | 15,068 | 5.06 | 8.22 | 18,100 | 14,162 | 3.61 | 4.53 | 16,368 | 13,363 | 2.72 | 2.76 |
| | 50 | 16,476 | 13,517 | 5.48 | 9.32 | 14,847 | 12,737 | 3.71 | 4.67 | 13,368 | 12,015 | 2.67 | 2.63 | 11,849 | 11,288 | 1.97 | 1.56 |
| 42VDT008W | 40 | 39,213 | 24,950 | 13.01 | 36.14 | 36,909 | 23,910 | 9.19 | 19.48 | 34,474 | 22,836 | 6.87 | 11.63 | 31,882 | 21,720 | 5.29 | 7.33 |
| | 45 | 31,667 | 21,591 | 10.52 | 24.35 | 29,137 | 20,535 | 7.26 | 12.62 | 26,600 | 19,463 | 5.31 | 7.24 | 24,335 | 18,483 | 4.05 | 4.49 |
| | 50 | 23,603 | 18,242 | 7.86 | 14.26 | 21,486 | 17,332 | 5.36 | 7.27 | 19,427 | 16,444 | 3.88 | 4.11 | 17,630 | 15,583 | 2.94 | 2.52 |
| 42VDT010W | 40 | 47,349 | 30,926 | 15.77 | 41.24 | 44,254 | 29,486 | 11.01 | 21.81 | 40,880 | 28,039 | 8.14 | 12.77 | 37,379 | 26,575 | 6.21 | 7.90 |
| | 45 | 37,890 | 26,816 | 12.64 | 27.35 | 34,539 | 25,388 | 8.61 | 13.86 | 31,000 | 23,943 | 6.18 | 7.72 | 28,106 | 22,642 | 4.67 | 4.72 |
| | 50 | 27,791 | 22,707 | 9.28 | 15.57 | 25,228 | 21,443 | 6.30 | 7.85 | 22,889 | 20,288 | 4.57 | 4.47 | 20,569 | 19,162 | 3.42 | 2.70 |
| 42VDT012W | 40 | 56,279 | 36,667 | 18.67 | 22.67 | 52,111 | 34,840 | 12.97 | 11.91 | 47,833 | 33,011 | 9.53 | 6.91 | 43,407 | 31,170 | 7.21 | 4.23 |
| | 45 | 44,900 | 31,751 | 14.92 | 14.97 | 40,464 | 29,944 | 10.09 | 7.51 | 36,100 | 28,149 | 7.20 | 4.15 | 32,652 | 26,569 | 5.43 | 2.53 |
| | 50 | 32,819 | 26,842 | 10.92 | 8.49 | 29,582 | 25,302 | 7.39 | 4.27 | 26,663 | 23,877 | 5.33 | 2.41 | 23,672 | 22,450 | 3.94 | 1.45 |
| 42VDT014W | 40 | 65,606 | 42,847 | 21.76 | 31.35 | 60,848 | 40,766 | 15.14 | 16.50 | 55,965 | 38,684 | 11.15 | 9.60 | 50,921 | 36,585 | 8.46 | 5.90 |
| | 45 | 52,367 | 37,141 | 17.40 | 20.72 | 47,305 | 35,084 | 11.79 | 10.42 | 42,300 | 33,026 | 8.44 | 5.78 | 38,323 | 31,202 | 6.37 | 3.53 |
| | 50 | 38,331 | 31,443 | 12.76 | 11.77 | 34,629 | 29,669 | 8.64 | 5.94 | 31,288 | 28,025 | 6.25 | 3.36 | 27,985 | 26,427 | 4.66 | 2.01 |
| 42VDT016W | 40 | 78,204 | 50,600 | 25.94 | 55.04 | 73,185 | 48,392 | 18.21 | 29.38 | 67,921 | 46,132 | 13.53 | 17.35 | 62,610 | 43,844 | 10.40 | 10.89 |
| | 45 | 62,768 | 43,874 | 20.86 | 36.70 | 57,412 | 41,646 | 14.31 | 18.84 | 52,500 | 39,526 | 10.47 | 10.85 | 47,702 | 37,449 | 7.93 | 6.65 |
| | 50 | 46,776 | 37,239 | 15.57 | 21.49 | 42,270 | 35,276 | 10.55 | 10.83 | 38,364 | 33,364 | 7.66 | 6.17 | 34,812 | 31,489 | 5.80 | 3.78 |
| 42VDT020W | 40 | 96,262 | 61,802 | 31.93 | 28.19 | 90,278 | 59,134 | 22.47 | 15.14 | 83,997 | 56,396 | 16.73 | 8.99 | 77,363 | 53,570 | 12.85 | 5.65 |
| | 45 | 77,477 | 53,538 | 25.75 | 18.90 | 70,966 | 50,847 | 17.69 | 9.75 | 65,200 | 48,345 | 13.01 | 5.67 | 59,419 | 45,913 | 9.88 | 3.50 |
| | 50 | 58,102 | 45,477 | 19.34 | 11.21 | 52,505 | 43,169 | 13.11 | 5.66 | 47,845 | 41,000 | 9.56 | 3.25 | 43,340 | 38,923 | 7.22 | 1.99 |

EWT (F) : Entering Water Temperature (F) GPM : Water Flow Rate, Gallon per Minute
 TH : Total Heat (BTUH)
 SH : Sensible Heat (BTUH)
 PD : Water Pressure Drop, ft. water

Carrier reserves the right to make changes in specifications without prior notice.
 บริษัทฯ ขอสงวนสิทธิ์ที่จะเปลี่ยนแปลงรายละเอียดต่างต้น โดยไม่ต้องแจ้งให้ทราบล่วงหน้า

Note : Cooling capacity based on entering air temp. 80°F db/67°F wb and high fan speed



YOUR CARRIER MAN :

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