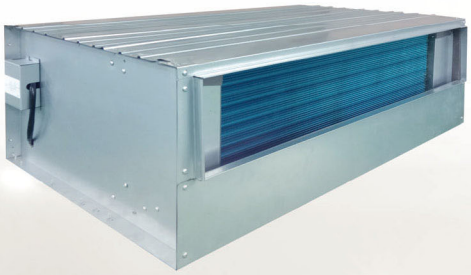
Carrier



# 42CMS-W Series

***Chilled Water Fan Coil Unit***

***Ceiling Concealed - Duct Type***

**Nominal : 400 - 2,000 CFM**

TT Air Engineering

Green Industry 3 กระทรวงอุตสาหกรรม

www.carrier.co.th

www.ttair.co.th | Tel : 02-385-0728 | E-mail : sales@ttair.co.th | LINE ID : @ttair

# Features

## HIGH PERFORMANCE, ENERGY SAVINGS, PM2.5 & COMFORT

If Air side fan coil unit are the answer to your job requirements, you can't afford to pass over Carrier's versatile and extensive range of fan coil units.

With Carrier's 42CMS series fan coil units, in capacities from 400 to 2,000 cfm. Units are ideal for installations in hospitals, hotels, apartments and other multiroom buildings. provide unsurpassed year round comfort with high cooling performance.

Carrier 42CMS series requires very little space and is easy to install. Piping, drain and wiring connections are readily accessible to save installation time and field labor expense.

## Give you design and equipment location flexibility

- Wide range of popular capacities for 400 - 2,000 cfm.
- Up to 8 sizes with Cabinet units.
- Select 3 or 4 row coils (008-020 model).
- Quiet operation

## Select Carrier fan coils for easy, low cost installation

- Easy wiring, piping connections
- Mounting holes, slots speed hanging
- Requires no expensive ductwork
- Ideal for new construction or renovation

## Save operating costs with Carrier fan coils

- Individual unit shut off when not in use
- Efficient, 4 speed with High efficient BLDC motor
- High efficiency heat transfer surface

## Blue fin with Epoxy and Hydrophilic coating

- Prevents dirt from sticking to the fins
- Condensation water flows and water away dirt
- Anti-corrosion caused by oxidation
- Increases the efficiency of heat exchanger

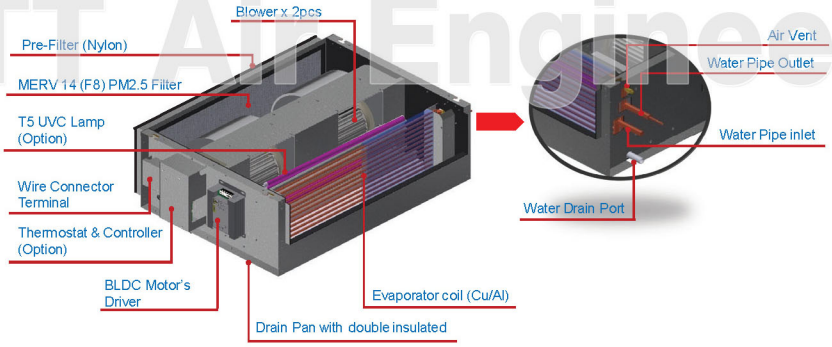
## Save you service and maintenance expense

- Insulated drain pan
- Easy access to components
- Rugged construction
- Factory leak test
- Long life, heavy duty bearings

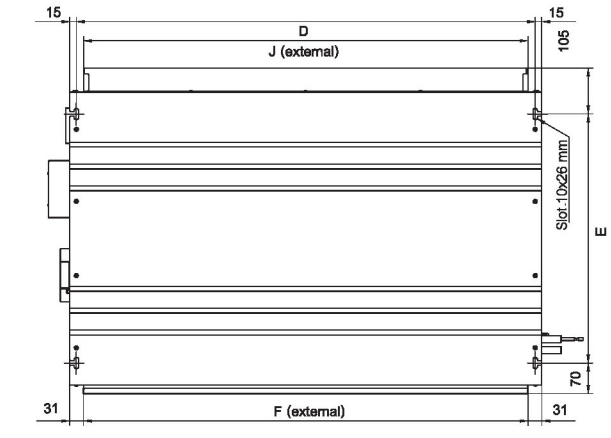
## MERV 14 (F8) PM2.5 Filter

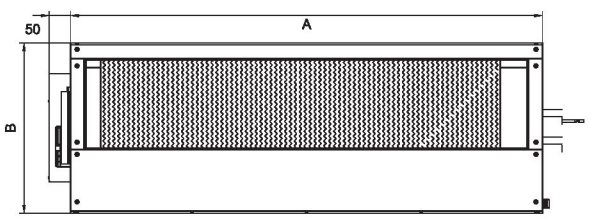
- Easy Handling, installation and removal
- Available with anti-microbial
- 2" deep high efficiency and light weight
- For high quality air supply, creates more comfort and healthy environment.

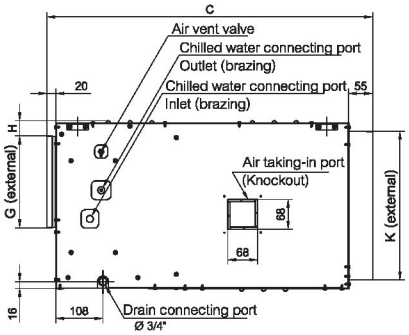
TT Air Engineering




## Dimension




| MODEL | DIMENSIONS | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | J | K |
| 42CMS004W212RE | 870 | 310 | 655 | 840 | 480 | 808 | 160 | 20 | 807 | 260 |
| 42CMS004W312RE | 870 | 310 | 655 | 840 | 480 | 808 | 160 | 20 | 807 | 260 |
| 42CMS006W212RE | 870 | 345 | 695 | 840 | 520 | 808 | 180 | 20 | 807 | 295 |
| 42CMS006W312RE | 870 | 345 | 695 | 840 | 520 | 808 | 180 | 20 | 807 | 295 |
| 42CMS008W312RE | 870 | 345 | 695 | 840 | 520 | 808 | 180 | 20 | 807 | 295 |
| 42CMS008W412RE | 870 | 345 | 695 | 840 | 520 | 808 | 180 | 20 | 807 | 295 |
| 42CMS010W312RE | 1000 | 360 | 695 | 970 | 520 | 938 | 180 | 20 | 937 | 310 |
| 42CMS010W412RE | 1080 | 360 | 695 | 1050 | 520 | 1018 | 180 | 20 | 1017 | 310 |
| 42CMS012W312RE | 1080 | 390 | 695 | 1050 | 520 | 1018 | 210 | 20 | 1017 | 340 |
| 42CMS012W412RE | 1150 | 390 | 695 | 1120 | 520 | 1088 | 210 | 20 | 1087 | 340 |
| 42CMS014W312RE | 1080 | 390 | 745 | 1050 | 570 | 1018 | 210 | 30 | 1017 | 340 |
| 42CMS014W412RE | 1150 | 390 | 745 | 1120 | 570 | 1088 | 210 | 30 | 1087 | 340 |
| 42CMS016W312RE | 1150 | 390 | 745 | 1120 | 570 | 1088 | 210 | 30 | 1087 | 340 |
| 42CMS016W412RE | 1150 | 390 | 745 | 1120 | 570 | 1088 | 210 | 30 | 1087 | 340 |
| 42CMS020W312RE | 1280 | 390 | 745 | 1250 | 570 | 1218 | 210 | 30 | 1217 | 340 |
| 42CMS020W412RE | 1280 | 390 | 745 | 1250 | 570 | 1218 | 210 | 30 | 1217 | 340 |

UNIT IN mm

# 42CMS-W Sereis

## Specification

| Description | | | Chilled Water Coil - Concealed Duct Type | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Model Name | | 42CMS | 004W2 | 004W3 | 006W2 | 006W3 | 008W3 | 008W4 | 010W3 | 010W4 | 012W3 | 012W4 | 014W3 | 014W4 | 016W3 | 016W4 | 020W3 | 020W4 |
| Cooling Capacity | | W | 3,810 | 4,757 | 5,897 | 6,732 | 8,444 | 9,610 | 9,590 | 11,553 | 11,594 | 14,083 | 13,303 | 15,659 | 15,191 | 17,128 | 18,754 | 22,207 |
| | | Btu/hr. | 13,000 | 16,230 | 20,120 | 22,970 | 28,810 | 32,790 | 32,720 | 39,420 | 39,560 | 48,050 | 45,390 | 53,430 | 51,830 | 58,440 | 63,990 | 75,770 |
| Power Supply | | V/Ph/Hz | 220-240 Volt / 1 Phase / 50 Hz. | | | | | | | | | | | | | | | |
| Power Consumption | | W | 97 | | 163 | | 254 | | 326 | | 373 | | 414 | | 397 | | 431 | |
| Operating Current | | Amp. | 0.74 | | 1.19 | | 1.78 | | 2.23 | | 2.52 | | 2.80 | | 2.68 | | 2.91 | |
| Indoor Air Circulation, Max. | | $m^3/h$ | 680 | | 1,020 | | 1,360 | | 1,700 | | 2,040 | | 2,380 | | 2,720 | | 3,400 | |
| | | cfm | 400 | | 600 | | 800 | | 1,000 | | 1,200 | | 1,400 | | 1,600 | | 2,000 | |
| Coil Face Velocity | | fpm | 276 | 250 | 269 | 269 | 356 | 356 | 417 | 377 | 415 | 383 | 424 | 447 | 447 | 498 | 495 | 495 |
| Sound pressure level (L/M/H/Turbo) | | dBA | 36 / 38/ 39 / 40 | | 38 / 40 / 42 / 43 | | 42 / 44 / 46 / 47 | | 44 / 46 / 48 / 49 | | 44 / 46 / 48 / 50 | | 45 / 47 / 50 / 52 | | 45 / 48 / 50 / 53 | | 50 / 54 / 57 / 59 | |
| Fan Motor | Type | | Hi-Efficeincy BLDC Motor | | | | | | | | | | | | | | | |
| | Q'ty | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| Blower | Type | | Double Inlet Centrifugal Forward Curve Blade | | | | | | | | | | | | | | | |
| | Dia. x Length | inch | 7-3/8 x 5 (187 x 127 mm.) | | 6 x 8 | | 6 x 8 | | 8 x 9 | | 8 x 9 | | 9 x 9 | | 9 x 9 | | 9 x 9 | |
| | Drive type | | Direct | | Direct | | Direct | | Direct | | Direct | | Direct | | Direct | | Direct | |
| | Q'ty | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | |
| Heat Exchanger | Face Area | Sq.m | 0.135 | 0.149 | 0.207 | 0.207 | 0.209 | 0.209 | 0.223 | 0.246 | 0.268 | 0.291 | 0.307 | 0.291 | 0.333 | 0.291 | 0.375 | 0.375 |
| | | Sq.ft | 1.450 | 1.600 | 2.230 | 2.230 | 2.250 | 2.250 | 2.400 | 2.650 | 2.890 | 3.130 | 3.300 | 3.130 | 3.580 | 3.130 | 4.040 | 4.040 |
| | Row | | 2 | 3 | 2 | 3 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 | 3 | 4 |
| | Tube size / type | | Copper tube 7.00 mm. / Smooth | | | | | | | | | | | | | | | |
| | Fin per Inch | | 18 | 16 | 18 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| | Fin Material type | | Aluminium (Blue) Fin type | | | | | | | | | | | | | | | |
| Medium Filter size | | mm | 255 x 800 x 48 | | 290 x 800 x 48 | | 290 x 800 x 48 | | 305 x 930 x 48 | 305 x 1,010 x 48 | 335 x 1,010 x 48 | 335 x 1,080 x 48 | 335 x 1,010 x 48 | 335 x 1,080 x 48 | 335 x 1,080 x 48 | | 335 x 1,210 x 48 | |
| Net weight | | kg. | 27 | 28 | 32 | 33 | 36 | 37 | 38 | 39 | 41 | 42 | 43 | 47 | 46 | 47 | 49 | 51 |
| Connecting Pipe | Water Inlet | inch | 5/8 | | 5/8 | | 5/8 | | 5/8 | | 5/8 | | 3/4 | | 3/4 | | 3/4 | |
| | Water Outlet | inch | 5/8 | | 5/8 | | 5/8 | | 5/8 | | 5/8 | | 3/4 | | 3/4 | | 3/4 | |
| | Water connecting type | | Brazing | | Brazing | | Brazing | | Brazing | | Brazing | | Brazing | | Brazing | | Brazing | |
| | Drain O.D. | inch | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

Remark : Nominal capacity are base on air entering temp. 80 degree Fwb / 67 degree Fdb ,
Entering/Leaving water temp. 44/54 degree F, at max air flow rate

## Performance data

| MODEL | Entering Chilled Water Temp. | Entering Air Temp ( Fdb / Fwb ) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 76 / 63 | | | | 78 / 65 | | | | 80 / 67 | | | | 82 / 69 | | | |
| | | Total Capacity | Sensible Capacity | Chilled Water Flowrate | Water Pressure Drop | Total Capacity | Sensible Capacity | Chilled Water Flowrate | Water Pressure Drop | Total Capacity | Sensible Capacity | Chilled Water Flowrate | Water Pressure Drop | Total Capacity | Sensible Capacity | Chilled Water Flowrate | Water Pressure Drop |
| | F | btu/h | btu/h | gpm | ft.wg. | btu/h | btu/h | gpm | ft.wg. | btu/h | btu/h | gpm | ft.wg. | btu/h | btu/h | gpm | ft.wg. |
| 42CMS004W2 | 40 | 12,200 | 9,700 | 2.44 | 7.6 | 14,100 | 10,300 | 2.82 | 9.6 | 16,200 | 11,000 | 3.24 | 12.3 | 18,400 | 11,600 | 3.67 | 15.3 |
| | 45 | 9,400 | 8,300 | 1.87 | 4.7 | 10,700 | 8,800 | 2.14 | 6.0 | 12,300 | 9,300 | 2.46 | 7.7 | 14,500 | 10,000 | 2.89 | 10.0 |
| | 50 | 6,900 | 6,900 | 1.38 | 2.8 | 7,800 | 7,400 | 1.56 | 3.5 | 9,200 | 8,000 | 1.84 | 4.6 | 10,700 | 8,500 | 2.13 | 5.9 |
| 42CMS004W3 | 40 | 15,500 | 11,400 | 3.08 | 8.4 | 17,700 | 12,200 | 3.53 | 10.7 | 20,200 | 13,000 | 4.02 | 13.3 | 22,700 | 13,800 | 4.52 | 16.5 |
| | 45 | 11,700 | 9,700 | 2.33 | 5.3 | 13,600 | 10,400 | 2.72 | 6.8 | 15,800 | 11,000 | 3.14 | 8.7 | 18,300 | 11,800 | 3.64 | 11.3 |
| | 50 | 8,400 | 8,100 | 1.68 | 3.0 | 9,800 | 8,700 | 1.96 | 3.8 | 11,600 | 9,300 | 2.32 | 5.2 | 13,700 | 10,000 | 2.74 | 6.9 |
| 42CMS006W2 | 40 | 19,000 | 14,800 | 3.78 | 11.1 | 21,800 | 15,800 | 4.35 | 14.3 | 25,000 | 16,800 | 4.99 | 18.0 | 28,400 | 17,800 | 5.65 | 22.5 |
| | 45 | 14,400 | 12,700 | 2.88 | 6.9 | 16,600 | 13,500 | 3.31 | 8.8 | 19,200 | 14,300 | 3.83 | 11.4 | 22,400 | 15,300 | 4.47 | 14.9 |
| | 50 | 10,600 | 10,500 | 2.11 | 4.1 | 12,100 | 11,400 | 2.42 | 5.2 | 14,200 | 12,200 | 2.84 | 6.8 | 16,500 | 13,000 | 3.30 | 8.8 |
| 42CMS006W3 | 40 | 21,900 | 16,500 | 4.36 | 7.0 | 25,000 | 17,500 | 4.98 | 8.8 | 28,500 | 18,600 | 5.67 | 11.1 | 32,100 | 19,700 | 6.40 | 13.8 |
| | 45 | 16,500 | 14,000 | 3.29 | 4.3 | 19,200 | 15,000 | 3.84 | 5.6 | 22,200 | 15,900 | 4.43 | 7.3 | 25,600 | 17,000 | 5.11 | 9.3 |
| | 50 | 12,000 | 11,700 | 2.39 | 2.4 | 13,900 | 12,600 | 2.78 | 3.2 | 16,300 | 13,500 | 3.26 | 4.3 | 19,200 | 14,400 | 3.84 | 5.6 |
| 42CMS008W3 | 40 | 26,900 | 21,100 | 5.36 | 6.3 | 30,900 | 22,400 | 6.15 | 8.0 | 35,300 | 23,800 | 7.03 | 10.1 | 40,100 | 25,200 | 7.99 | 12.7 |
| | 45 | 20,100 | 17,900 | 4.01 | 3.8 | 23,300 | 19,100 | 4.66 | 5.0 | 27,200 | 20,300 | 5.43 | 6.5 | 31,600 | 21,700 | 6.30 | 8.4 |
| | 50 | 14,800 | 14,700 | 2.95 | 2.1 | 16,900 | 16,000 | 3.38 | 2.8 | 19,800 | 17,200 | 3.96 | 3.7 | 23,300 | 18,400 | 4.65 | 5.0 |
| 42CMS008W4 | 40 | 30,600 | 22,800 | 6.09 | 7.6 | 34,900 | 24,200 | 6.94 | 9.6 | 39,600 | 25,700 | 7.88 | 12.0 | 44,600 | 27,200 | 8.88 | 14.7 |
| | 45 | 23,100 | 19,400 | 4.61 | 4.7 | 26,900 | 20,600 | 5.36 | 6.1 | 31,100 | 22,000 | 6.20 | 7.9 | 35,800 | 23,400 | 7.14 | 10.0 |
| | 50 | 16,700 | 16,200 | 3.34 | 2.6 | 19,500 | 17,400 | 3.90 | 3.5 | 22,900 | 18,600 | 4.58 | 4.6 | 26,900 | 19,800 | 5.38 | 6.1 |
| 42CMS010W3 | 40 | 30,800 | 24,400 | 6.13 | 6.0 | 35,200 | 25,800 | 7.01 | 7.6 | 40,300 | 27,400 | 8.03 | 9.6 | 45,800 | 29,100 | 9.13 | 12.1 |
| | 45 | 23,100 | 20,700 | 4.61 | 3.7 | 26,700 | 22,100 | 5.34 | 4.7 | 31,100 | 23,500 | 6.21 | 6.1 | 36,000 | 25,000 | 7.17 | 7.9 |
| | 50 | 17,000 | 17,000 | 3.40 | 2.1 | 19,500 | 18,500 | 3.89 | 2.7 | 22,800 | 20,000 | 4.55 | 3.6 | 26,700 | 21,300 | 5.32 | 4.7 |
| 42CMS010W4 | 40 | 37,200 | 27,900 | 7.40 | 6.7 | 42,300 | 29,600 | 8.42 | 8.3 | 48,100 | 31,500 | 9.58 | 10.5 | 54,300 | 33,300 | 10.81 | 12.9 |
| | 45 | 28,000 | 23,700 | 5.59 | 4.1 | 32,500 | 25,300 | 6.48 | 5.3 | 37,700 | 27,000 | 7.53 | 6.9 | 43,300 | 28,600 | 8.64 | 8.7 |
| | 50 | 20,300 | 19,900 | 4.06 | 2.2 | 23,600 | 21,400 | 4.71 | 3.0 | 27,800 | 22,800 | 5.55 | 4.0 | 32,500 | 24,300 | 6.50 | 5.3 |
| 42CMS012W3 | 40 | 37,200 | 29,400 | 7.41 | 7.1 | 42,800 | 31,200 | 8.53 | 9.1 | 48,800 | 33,100 | 9.72 | 11.5 | 55,500 | 35,100 | 11.05 | 14.3 |
| | 45 | 28,000 | 25,000 | 5.59 | 4.4 | 32,500 | 26,700 | 6.48 | 5.6 | 37,600 | 28,400 | 7.51 | 7.3 | 43,700 | 30,200 | 8.71 | 9.5 |
| | 50 | 20,600 | 20,600 | 4.12 | 2.5 | 23,700 | 22,400 | 4.74 | 3.3 | 27,600 | 24,000 | 5.52 | 4.3 | 32,300 | 25,700 | 6.46 | 5.6 |
| 42CMS012W4 | 40 | 44,800 | 33,600 | 8.93 | 4.3 | 51,000 | 35,700 | 10.17 | 5.4 | 58,400 | 38,000 | 11.62 | 6.9 | 65,900 | 40,300 | 13.13 | 8.5 |
| | 45 | 33,400 | 28,400 | 6.66 | 2.6 | 39,200 | 30,400 | 7.81 | 3.4 | 45,600 | 32,500 | 9.10 | 4.5 | 52,500 | 34,600 | 10.48 | 5.7 |
| | 50 | 24,000 | 23,600 | 4.80 | 1.3 | 27,900 | 25,400 | 5.57 | 1.8 | 33,200 | 27,300 | 6.63 | 2.6 | 39,400 | 29,300 | 7.87 | 3.5 |
| 42CMS014W3 | 40 | 42,800 | 34,000 | 8.52 | 6.0 | 49,100 | 36,000 | 9.78 | 7.7 | 56,200 | 38,300 | 11.19 | 9.7 | 63,800 | 40,500 | 12.71 | 12.2 |
| | 45 | 32,100 | 28,900 | 6.41 | 3.7 | 37,300 | 30,800 | 7.45 | 4.8 | 43,200 | 32,800 | 8.61 | 6.2 | 50,200 | 34,900 | 10.02 | 8.0 |
| | 50 | 23,700 | 23,700 | 4.74 | 2.1 | 27,300 | 25,900 | 5.45 | 2.8 | 31,600 | 27,800 | 6.31 | 3.6 | 37,200 | 29,700 | 7.43 | 4.8 |
| 42CMS014W4 | 40 | 49,900 | 38,000 | 9.94 | 5.2 | 56,800 | 40,200 | 11.31 | 6.6 | 65,000 | 42,800 | 12.95 | 8.3 | 73,600 | 45,400 | 14.66 | 10.3 |
| | 45 | 37,400 | 32,200 | 7.46 | 3.2 | 43,500 | 34,300 | 8.68 | 4.1 | 50,700 | 36,700 | 10.11 | 5.4 | 58,300 | 39,000 | 11.64 | 6.9 |
| | 50 | 27,000 | 26,800 | 5.39 | 1.7 | 31,200 | 28,800 | 6.23 | 2.3 | 37,100 | 31,000 | 7.40 | 3.1 | 43,600 | 33,100 | 8.72 | 4.2 |
| 42CMS016W3 | 40 | 48,700 | 38,600 | 9.69 | 8.1 | 56,000 | 41,000 | 11.15 | 10.4 | 64,000 | 43,500 | 12.74 | 13.1 | 72,600 | 46,100 | 14.45 | 16.4 |
| | 45 | 36,700 | 32,900 | 7.32 | 5.0 | 42,600 | 35,100 | 8.50 | 6.5 | 49,100 | 37,200 | 9.80 | 8.3 | 57,200 | 39,700 | 11.42 | 10.8 |
| | 50 | 27,200 | 27,200 | 5.44 | 2.9 | 31,200 | 29,500 | 6.22 | 3.8 | 36,100 | 31,600 | 7.20 | 4.9 | 42,400 | 33,800 | 8.47 | 6.4 |
| 42CMS016W4 | 40 | 54,700 | 42,100 | 10.89 | 6.1 | 62,300 | 44,600 | 12.41 | 7.7 | 71,400 | 47,500 | 14.22 | 9.8 | 80,900 | 50,300 | 16.11 | 12.1 |
| | 45 | 41,100 | 35,800 | 8.20 | 3.7 | 47,600 | 38,100 | 9.49 | 4.8 | 55,400 | 40,700 | 11.06 | 6.3 | 63,900 | 43,200 | 12.75 | 8.1 |
| | 50 | 29,700 | 29,700 | 5.94 | 2.0 | 34,500 | 32,200 | 6.90 | 2.8 | 40,600 | 34,400 | 8.10 | 3.7 | 47,600 | 36,700 | 9.50 | 4.8 |
| 42CMS020W3 | 40 | 60,100 | 47,700 | 11.97 | 10.5 | 68,800 | 50,500 | 13.71 | 13.4 | 79,000 | 53,600 | 15.73 | 17.0 | 89,500 | 56,800 | 17.83 | 21.2 |
| | 45 | 45,200 | 40,700 | 9.02 | 6.4 | 52,500 | 43,300 | 10.48 | 8.3 | 60,700 | 46,100 | 12.11 | 10.8 | 70,400 | 48,900 | 14.05 | 14.0 |
| | 50 | 33,800 | 33,800 | 6.74 | 3.9 | 38,500 | 36,500 | 7.69 | 4.9 | 44,500 | 39,100 | 8.89 | 6.3 | 52,300 | 41,700 | 10.45 | 8.3 |
| 42CMS020W4 | 40 | 70,800 | 53,900 | 14.11 | 8.5 | 80,800 | 57,100 | 16.08 | 10.7 | 92,300 | 60,800 | 18.39 | 13.5 | 104,300 | 64,400 | 20.77 | 16.8 |
| | 45 | 53,300 | 45,800 | 10.64 | 5.2 | 61,900 | 48,800 | 12.34 | 6.7 | 71,900 | 52,000 | 14.34 | 8.8 | 82,900 | 55,400 | 16.54 | 11.2 |
| | 50 | 38,800 | 38,200 | 7.76 | 3.0 | 44,800 | 41,100 | 8.95 | 3.8 | 52,700 | 44,000 | 10.52 | 5.1 | 62,000 | 47,000 | 12.39 | 6.8 |

# Accessories (Optional)

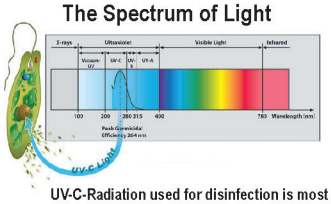
## UV Lamps

In response to the current coronavirus epidemic situation, sterilization option using UltraViolet (UV) is available for FCU products.

UV light for kill germs in a wide range of wavelengths between 200 to 400 (nm) which is highly effective in killing bacteria and reduces the formation of viruses by breaking down the molecular bonds that hold their DNA and RNA together.

UV-C at this wavelength ,Is the wavelength that DNA can absorb well can be punched and disabled their growth. By destroying their DNA sequence When doing this, the virus will lose their ability to reproduce.

### The Spectrum of Light




**UV-C-Radiation used for disinfection is most effective at a wavelength of 253.7 nm.**

UV-C rays are not found in nature because these rays cannot pass through the ozone layer to the earth's surface.
The use of this type of radiation to destroy the infection requires a source of radiation. Including mercury lamps

## Advantages of UV-C lamp

- 253.7nm UV-C lamp, no generate ozone.
- Plug-in products for easy installation.
- High-energy UV-C, effective life is up to 8000 hours.
- External control box, 220VAC standard power supply, simple wiring.
- Stainless steel reflector enhances the radiation intensity and avoids direct exposure to the human body.
- Able to kill bacteria in the air and prevent the virus from spreading through the host bacteria.

## UVC LAMP DATA

| MODEL | HEAT EXCHANGER (mm.) | | UVC LAMP | DISINFECTION | IRRADIANCE | |
|---|---|---|---|---|---|---|
| | Height | Length | Model | At COIL SURFACE | Min (uW/CM$^2$) | Max (uW/CM$^2$) |
| 42CMS004W212_E | 1,890 | 7,112 | PL-L / 55W | > 99.99% | 632.16 | 1,735.33 |
| 42CMS004W312_E | 2,100 | 7,112 | PL-L / 55W | > 99.99% | 441.04 | 1,192.75 |
| 42CMS006W212_E | 2,940 | 7,112 | PL-L / 55W | > 99.99% | 433.97 | 1,425.92 |
| 42CMS006W312_E | 2,940 | 7,112 | PL-L / 55W | > 99.99% | 433.97 | 1,425.92 |
| 42CMS008W312_E | 2,940 | 7,112 | PL-L / 55W | > 99.99% | 433.97 | 1,425.92 |
| 42CMS008W412_E | 2,940 | 7,112 | PL-L / 55W | > 99.99% | 433.97 | 1,425.92 |
| 42CMS010W312_E | 2,940 | 7,620 | PL-L / 55W | > 99.99% | 414.08 | 1,425.92 |
| 42CMS010W412_E | 2,940 | 8,382 | PL-L / 55W | > 99.99% | 386.25 | 1,425.92 |
| 42CMS012W312_E | 2,940 | 9,144 | T5 75W / 85cm. | > 99.99% | 379.95 | 1,499.82 |
| 42CMS012W412_E | 2,940 | 9,906 | T5 75W / 85cm. | > 99.99% | 363.34 | 1,499.82 |
| 42CMS014W312_E | 3,360 | 9,144 | T5 75W / 85cm. | > 99.99% | 367.36 | 1,347.81 |
| 42CMS014W412_E | 2,940 | 9,906 | T5 75W / 85cm. | > 99.99% | 363.34 | 1,499.82 |
| 42CMS016W312_E | 3,360 | 9,906 | T5 75W / 85cm. | > 99.99% | 367.36 | 1,347.81 |
| 42CMS016W412_E | 2,940 | 9,906 | T5 75W / 85cm. | > 99.99% | 363.34 | 1,499.82 |
| 42CMS020W312_E | 3,360 | 11,176 | T5 75W / 85cm. | > 99.99% | 315.13 | 1,347.81 |
| 42CMS020W412_E | 3,360 | 11,176 | T5 75W / 85cm. | > 99.99% | 315.13 | 1,347.81 |

## BAS controller (Option)

### Model CARR-INTM9DT09X

- Open communication protocol Modbus RS-485
- Manages the DC motor or EC motor
- Manages the valve actuator proportional type
- External contract for key card ON-OFF

Air Engineering

## Controller

Control box and cable set 4 meters, not exceeding 2,000 CFM Model ( 1 Motor )

CARR-INTM9BOX1M
THERMOSTAT PCB9 BOX 1 MOTOR

CARR-INTMXDT09-UV
CONTROL(DT09)+WIRE REMOTE UV

CARR-INTM9DT09X
CONTROLLER PCB9 WIFI+MODBUS

CARR-INTLCD54
Wireless remote control

CARR-INTLCD54-UV
Wireless remote control+UV

CARR-INTDT09
Wired remote control (Option-1)

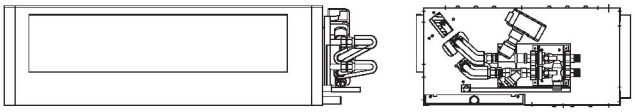
CARR-INTDT09-WIFI
Wired remote control (Option-2)

CCARR-INTDT09-UV
Wired remote control (Option-3)

## Built in PICV (Option)

Factory assembled nest of valves and accessories help installers avoid installation mistakes onsite.

PICV with cabinet



บริษัท แคเรียร์ (ประเทศไทย) จำกัด
1858/63-74 ชั้น 14, 15
ถ.เทพรัตน กม. 4.5 แขวงบางนาใต้
เขตบางนา กรุงเทพฯ 10260
โทร. 0-2090-9999 แฟกซ์: 0-2751-4778

Carrier (Thailand) Ltd.
1858/63-74 , 14th, 15th Floor,
Debaratna Road, Km.4.5, Bangna Tai,
Bangna Bangkok 10260 Thailand
Tel. 0-2090-9999 Fax: 0-2751-4778


YOUR CARRIER MAN :


บริษัทฯ ขอสงวนสิทธิ์ที่จะเปลี่ยนแปลงรายละเอียดข้างต้น โดยมิต้องแจ้งให้ทราบล่วงหน้า
Carrier reserves the right to make changes in specifications without prior notice.





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