

# ZENT (OZ Series )



## ADVANTAGES

### Advantages of Omran Tahviah Zents:

- 1- Elimination of room radiators : Saving serviceable area .
- 2- Elimination of horizontal supply and return piping : Saving of initial cost and future maintenance .
- 3- Simple maintenance : No need for specialist service-man.
- 4- Increasing the height of unit and decreasing the surface area : Less occupation area.
- 5- Adjustable summer and winter damper : Easy to change cooling - heating system and possibility of humidification in winter .
- 6- Low noise fan : Comfort specially at nights
- 7- Washable Aluminum filters : Clean air and high efficiency of heating coil .
- 8- Mounted coil inside the unit : Higher heating efficiency , protecting the coil from damage and more safety for residents .
- 9- Bypass valve : Control of humidity .
- 10- Fiber glass coating of basin : Long life of unit .

# SPECIFICATION

## COMMERCIAL HEAVY DUTY ZENT SPECIFICATION

| MODEL            | CAPACITY |         | COOLING        |                  | FAN    | OUT LET DIMENSION | ELECTRO-MOTOR |       |        | T.S PRESSURE        | DIMENSIONS |        |        | CONNECTION |         | APPROX-WEIGHT |           |
|------------------|----------|---------|----------------|------------------|--------|-------------------|---------------|-------|--------|---------------------|------------|--------|--------|------------|---------|---------------|-----------|
|                  |          |         |                |                  |        |                   |               |       |        |                     |            |        |        |            |         |               |           |
|                  | AIR FLOW | HEATING | FACE           | EVAPORATION RATE | $\phi$ | a x b             | POWER         | SPEED | PHASE  | Ht                  | LENHT      | WIDTH  | HIEGHT | COIL       | FLOATER | SHIPPING      | OPERATING |
|                  | Cfm      | Btu/hr  | m <sup>2</sup> | Lit/hr           | In.    | Cm                | HP            | RPM   | NO.    | mm-H <sub>2</sub> O | CM         | INCHES | Kg     |            |         |               |           |
| OZ 15-50-CM-HD   | 1500     | 50000   |                | 6.5              | 12     | 34.5x40           | 1/2           | 1400  | SINGLE | 19                  | 90         | 70     | 190    | 1          | 3/8     | 180           | 290       |
| OZ 20-70-CM-HD   | 2000     | 70000   | 1.15           | 8.7              |        |                   | 3/4           |       |        | 21                  |            |        |        |            |         | 182           | 292       |
| OZ 27-75-CM-HD   | 2700     | 75000   |                | 11.7             |        |                   | 3/4           |       |        | 23                  |            |        |        |            |         | 185           | 295       |
| OZ 32-85-CM-HD   | 3200     | 85000   |                | 13               | 15     | 40x37.5           | 3/4           |       |        | 19                  | 110        | 85     | 210    | 1          | 3/8     | 220           | 320       |
| OZ 45-140-CM-HD  | 4500     | 140000  | 1.6            | 19.3             |        |                   | 1 1/2         |       |        | 23                  |            |        |        |            |         | 225           | 325       |
| OZ 60-160-CM-HD  | 6000     | 160000  |                | 25.8             |        |                   | 3             |       |        | 20                  |            |        |        |            |         | 230           | 330       |
| OZ 70-190-CM-HD  | 7000     | 190000  |                | 30               | 20     | 63x63             | 3             |       |        | 20                  | 172        | 120    | 255    | 1 1/4      | 1/2     | 460           | 660       |
| OZ 80-230-CM-HD  | 8000     | 230000  | 3              | 34.5             |        |                   | 3             |       |        | 25                  |            |        |        |            |         | 465           | 665       |
| OZ 90-280-CM-HD  | 9000     | 280000  |                | 38.5             |        |                   | 4             |       |        | 27                  |            |        |        |            |         | 470           | 670       |
| OZ 100-320-CM-HD | 10000    | 320000  |                | 43               | 22     | 67.5x67.5         | 5 1/2         |       |        | 30                  | 172        | 120    | 270    | 1 1/4      | 1/2     | 545           | 785       |
| OZ 120-360-CM-HD | 12000    | 360000  | 3.5            | 52               |        |                   | 5 1/2         |       |        | 31                  |            |        |        |            |         | 550           | 790       |
| OZ 140-400-CM-HD | 14000    | 400000  |                | 56               |        |                   | 7 1/2         |       |        | 35                  |            |        |        |            |         | 555           | 795       |
| OZ 160-440-CM-HD | 16000    | 440000  |                | 65               | 25     | 80x80             | 7 1/2         |       |        | 35                  | 300        | 140    | 195    | 1 1/2      | 1/2     | 645           | 960       |
| OZ 175-470-CM-HD | 17500    | 470000  | 4.7            | 70               |        |                   | 10            |       |        | 40                  |            |        |        |            |         | 655           | 970       |
| OZ 190-500-CM-HD | 19000    | 500000  |                | 75               |        |                   | 10            |       |        | 42                  |            |        |        |            |         | 660           | 975       |
| OZ 200-570-CM-HD | 20000    | 570000  |                | 80               | 28     | 87x87             | 15            |       |        | 40                  | 330        | 150    | 215    | 1 1/2      | 3/4     | 790           | 1200      |
| OZ 215-600-CM-HD | 21500    | 600000  | 5.2            | 85               |        |                   | 15            |       |        | 45                  |            |        |        |            |         | 792           | 1202      |
| OZ 230-700-CM-HD | 23000    | 700000  |                | 90               |        |                   | 15            |       |        | 50                  |            |        |        |            |         | 796           | 1205      |
| OZ 240-730-CM-HD | 24000    | 730000  |                | 95               | 30     | 94x87             | 15            |       |        | 50                  | 360        | 150    | 231    | 1 1/2      | 3/4     | 900           | 1400      |
| OZ 250-750-CM-HD | 25000    | 750000  | 6.0            | 100              |        |                   | 15            |       |        | 55                  |            |        |        |            |         | 905           | 1405      |
| OZ 260-800-CM-HD | 26000    | 800000  |                | 105              |        |                   | 20            |       |        | 60                  |            |        |        |            |         | 915           | 1415      |

SUBJECT TO MODIFICATION



**ZENT**  
**OMRAN TAHVIEH**



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*Due to National Refrigeration is policy of continuous product improvement, we reserve the right to make changes without notice.*