

# Helpman THOR-D 446-7/HH1/5 400 E1

## Specifications

|                        |                                            |
|------------------------|--------------------------------------------|
| La marque              | Helpman                                    |
| Type                   | THOR-D 446-7/HH1/5<br>400 E1               |
| Capacité kW            | 54.5*                                      |
| Réfrigérant            | Freon                                      |
| Nombre de ventilateurs | 4                                          |
| Espace Fan in mm       | 7                                          |
| Dégivrage              | Electric                                   |
| Double sortie          | ✓                                          |
| m³/h                   | 33.600                                     |
| Tailles                | 4450x485 mm (LxH)                          |
| Remarques              | *Capacity based on<br>R404, frosted, DT=8k |
| Volume                 | 86 dm³                                     |
| Poids                  | 415kg                                      |
| Stock                  | 2                                          |



## Description

### Used Helpman THOR-D 446-7/HH1/5 400 E1

Dual discharge air cooler THOR-D 446-7/HH1/5 400 E1 with electric defrost, 33.600m³/h, fan speed 1500 rpm. Weight 415kg For all the other specs (if available), see the picture of the manufacturer model plate or the attached pdf file. \*Why choose for HOSBV? Were not only the largest used refrigeration specialist in Europe, but also, we deliver all equipment including an extensive test, warranty and industrial cleaning. \*Optional we can also perform a new paint job and arrange the logistics.

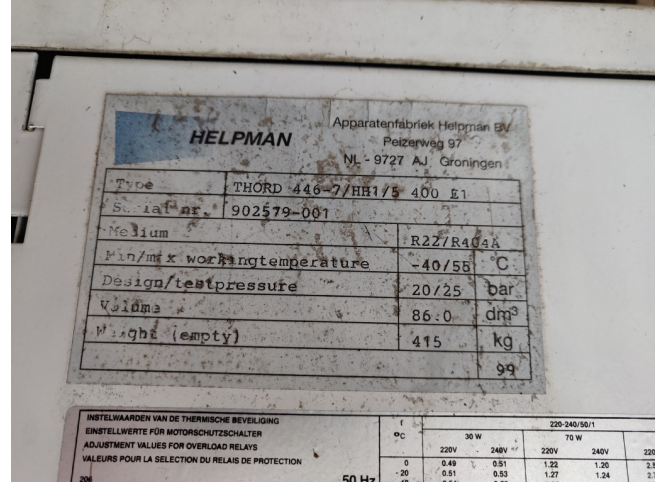


TABLE 1: TECHNICAL DATA

| Capacities R-404A (kW)                       |                                    |                                    |           |                  | Dimensions         |                  |              |                | Fans           |            |     |               |                       |
|----------------------------------------------|------------------------------------|------------------------------------|-----------|------------------|--------------------|------------------|--------------|----------------|----------------|------------|-----|---------------|-----------------------|
| Cooler model<br>TherCoil                     | Frosted<br>°C                      |                                    | Dry<br>°C | Air flow<br>m³/h | Coil surface<br>m² | Int. vol.<br>dm³ | Weight<br>kg | Length A<br>mm | Height B<br>mm | Cap.<br>kW | Nr. | Air throw (m) | Sound press.<br>dB(A) |
|                                              | DT <sub>in</sub> -t <sub>out</sub> | DT <sub>in</sub> -t <sub>out</sub> |           |                  |                    |                  |              |                |                |            |     |               |                       |
| Execution H (n = 1500 rpm, fin spacing 7 mm) |                                    |                                    |           |                  |                    |                  |              |                |                |            |     |               |                       |
| 414 - 7 - H                                  | 9.8                                | 8.5                                | 8470      | 45.1             | 16                 | 120              | 1450         | 485            | 0.55           | 1          | 18  | 62            |                       |
| 416 - 7 - H                                  | 13.6                               | 11.8                               | 8400      | 67.6             | 23                 | 135              | 1450         | 485            | 0.55           | 1          | 18  | 62            |                       |
| 418 - 7 - H                                  | 16.1                               | 14.0                               | 8000      | 90.1             | 31                 | 155              | 1450         | 485            | 0.55           | 1          | 18  | 62            |                       |
| 424 - 7 - H                                  | 19.7                               | 17.1                               | 16930     | 90.1             | 30                 | 190              | 2450         | 485            | 0.55           | 2          | 18  | 65            |                       |
| 426 - 7 - H                                  | 27.2                               | 23.7                               | 16800     | 135.2            | 44                 | 225              | 2450         | 485            | 0.55           | 2          | 18  | 65            |                       |
| 428 - 7 - H                                  | 32.3                               | 28.1                               | 16000     | 180.3            | 59                 | 265              | 2450         | 485            | 0.55           | 2          | 18  | 65            |                       |
| 434 - 7 - H                                  | 29.9                               | 26.0                               | 25400     | 155.2            | 44                 | 270              | 3450         | 485            | 0.55           | 3          | 18  | 67            |                       |
| 436 - 7 - H                                  | 39.9                               | 34.7                               | 25200     | 202.8            | 65                 | 325              | 3450         | 485            | 0.55           | 3          | 18  | 67            |                       |
| 438 - 7 - H                                  | 48.4                               | 42.1                               | 24000     | 270.4            | 87                 | 375              | 3450         | 485            | 0.55           | 3          | 18  | 67            |                       |
| 444 - 7 - H                                  | 39.4                               | 34.3                               | 33870     | 180.3            | 57                 | 345              | 4450         | 485            | 0.55           | 4          | 18  | 68            |                       |
| 446 - 7 - H                                  | 34.5                               | 27.4                               | 33600     | 270.4            | 86                 | 415              | 4450         | 485            | 0.55           | 4          | 18  | 68            |                       |
| 448 - 7 - H                                  | 54.6                               | 52.2                               | 32000     | 360.5            | 114                | 465              | 4450         | 485            | 0.55           | 4          | 18  | 68            |                       |
| 454 - 7 - H                                  | 49.3                               | 42.9                               | 42340     | 225.3            | 71                 | 425              | 5450         | 485            | 0.55           | 5          | 18  | 69            |                       |
| 456 - 7 - H                                  | 68.0                               | 59.1                               | 42000     | 338.0            | 107                | 510              | 5450         | 485            | 0.55           | 5          | 18  | 69            |                       |
| 458 - 7 - H                                  | 78.4                               | 68.2                               | 40000     | 450.7            | 142                | 600              | 5450         | 485            | 0.55           | 5          | 18  | 69            |                       |
| 614 - 7 - H                                  | 14.8                               | 12.9                               | 12600     | 67.6             | 24                 | 175              | 1650         | 585            | 1.50           | 1          | 20  | 65            |                       |
| 616 - 7 - H                                  | 20.2                               | 17.6                               | 12400     | 101.4            | 41                 | 204              | 1650         | 585            | 1.50           | 1          | 20  | 65            |                       |
| 618 - 7 - H                                  | 23.7                               | 20.6                               | 12000     | 135.2            | 54                 | 234              | 1650         | 585            | 1.50           | 1          | 20  | 65            |                       |
| 624 - 7 - H                                  | 29.6                               | 25.7                               | 25600     | 135.2            | 44                 | 297              | 2850         | 585            | 1.50           | 2          | 20  | 68            |                       |
| 626 - 7 - H                                  | 40.5                               | 35.2                               | 24800     | 202.8            | 70                 | 368              | 2850         | 585            | 1.50           | 2          | 20  | 68            |                       |
| 628 - 7 - H                                  | 47.5                               | 41.3                               | 24000     | 270.4            | 93                 | 442              | 2850         | 585            | 1.50           | 2          | 20  | 68            |                       |
| 634 - 7 - H                                  | 44.9                               | 39.1                               | 38400     | 202.8            | 65                 | 430              | 4050         | 585            | 1.50           | 3          | 20  | 70            |                       |
| 636 - 7 - H                                  | 60.3                               | 52.5                               | 37200     | 304.2            | 98                 | 535              | 4050         | 585            | 1.50           | 3          | 20  | 70            |                       |
| 638 - 7 - H                                  | 72.9                               | 63.4                               | 36000     | 405.6            | 131                | 640              | 4050         | 585            | 1.50           | 3          | 20  | 70            |                       |
| 644 - 7 - H                                  | 59.2                               | 51.5                               | 51200     | 270.4            | 87                 | 563              | 5250         | 585            | 1.50           | 4          | 20  | 71            |                       |
| 646 - 7 - H                                  | 81.0                               | 70.5                               | 49600     | 405.6            | 127                | 700              | 5250         | 585            | 1.50           | 4          | 20  | 71            |                       |
| 648 - 7 - H                                  | 94.8                               | 82.5                               | 48000     | 540.8            | 170                | 840              | 5250         | 585            | 1.50           | 4          | 20  | 71            |                       |
| 654 - 7 - H                                  | 75.2                               | 65.4                               | 64000     | 338.0            | 108                | 695              | 6450         | 585            | 1.50           | 5          | 20  | 72            |                       |