

# -10°C TO -40°C MEDICAL FREEZER



## FEATURES

- Built to meet CDC and VFC guidelines
- Covid-19 specimen, vaccine and medicine storage
- UL and CSA compliant from an ISO9001:2015 certified manufacturer
- HCFC-free refrigerant
- 72-hour battery backup system for controller (D27 & D35 models only) USB
- Interface for data export and storage (D27 & D35 models only)
- Use only RoSH compliant non-toxic components and materials

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D16



D27



D35

SPECIFICATIONS

| MODEL                    | D16                                                                                                                                                                                                     | D27                                                                                                                                                                                                                                                                                | D35                                                                                                                                                                                                                                                                                |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Electrical requirements  | 110v 60Hz 1-phase, 998 watts 8.89A                                                                                                                                                                      | 110V 60Hz 1-Phase, 1320 watts 12A                                                                                                                                                                                                                                                  | 110V 60Hz 1-Phase, 1375 watts 13A                                                                                                                                                                                                                                                  |
| Temperature range        | -20°C to -40°C                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                    |
| Compressor               | Make: SECOP<br>Number of compressor: Two<br>Style: Parallel<br>Refrigerant: R290                                                                                                                        | Make: SECOP<br>Number of compressor: Two<br>Style: Parallel<br>Refrigerant: R507                                                                                                                                                                                                   | Make: SECOP<br>Number of compressor: Two<br>Style: Parallel<br>Refrigerant: R507                                                                                                                                                                                                   |
| Chamber                  | Dimensions: 25.5 x 22.5 x 24.5"<br>(WxDxH)<br>Number of chambers: two<br>Material: stainless steel<br>Volume: 15.9 Cu Ft                                                                                | Dimensions: 36.5 x 27.5 x 51” (WxDxH)<br>Material: 304 Stainless Steel<br>Capacity: 27.1 Cu Ft                                                                                                                                                                                     | Dimensions: 40 x 27 x 54"<br>Material: 304 Stainless Steel<br>Capacity: 35 Cu Ft                                                                                                                                                                                                   |
| Shelf                    | Quantity: two in each chamber, four in total<br>Style: fixed<br>Material: stainless steel                                                                                                               | Come with unit: three adjustable shelves (4 compartments)<br>Material: 304 stainless steel<br>Capacity: 110 Lbs on three shelves, evenly distributed<br>450 Lbs on the base of the chamber, evenly distributed<br>Dimensions: 33 x 26 inches<br>Additional price unit price: \$150 | Come with unit: three adjustable shelves (4 compartments)<br>Material: 304 stainless steel<br>Capacity: 110 Lbs on three shelves, evenly distributed<br>450 Lbs on the base of the chamber, evenly distributed<br>Dimensions: 40 x 27 inches<br>Additional price unit price: \$250 |
| Door and Gasket          | 2 doors                                                                                                                                                                                                 | Inner door: four, each with one sealing gasket<br>External door: one with dual sealing gasket, lock-able                                                                                                                                                                           |                                                                                                                                                                                                                                                                                    |
| Access port              | Two, on the side                                                                                                                                                                                        | Two, one on the side and one in the back, one inch diameter                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                    |
| Built-in Swivel Casters  | Four, two with brakes                                                                                                                                                                                   | Four, with two leveling feet                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                    |
| Backup Battery System    | 48 hours (for controller display and alarms only)                                                                                                                                                       | 72 hours (for controller display and alarms only)                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                    |
| Noise level              | 52 dBA                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                    |
| Unit/shipping dimensions | 30.5 x 26.5 x 73" / 37.5 x 34.5 x 80"<br>(WxDxH)                                                                                                                                                        | 47.5 x 41.5 x 77.5" / 51 x 46 x 85" (WxDxH)                                                                                                                                                                                                                                        | 54 x 41.5 x 78.5" / 59 x 45 x 86"<br>(WxDxH)                                                                                                                                                                                                                                       |
| Unit/shipping weight     | 320 Lbs / 345 Lbs                                                                                                                                                                                       | 635 Lbs / 866 Lbs                                                                                                                                                                                                                                                                  | 735 Lbs / 964 Lbs                                                                                                                                                                                                                                                                  |
| Safety                   | Compressor over-temp protection,<br>Compressor power surge delay protection,<br>Power failure protection, Low battery,<br>door open, filter clogging, system failure alarms,<br>External door with lock |                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                    |
| Communication            | Remote alarm 420 Rma transmitter, USB RS-485                                                                                                                                                            |                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                    |
| Warranty                 | One year                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                    |

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