



Model: SWR06ED

### Normal Duty Walk-In Oven

LEWCO Normal-Duty Batch Ovens are designed for common applications, such as pre-heating, drying, and baking. These models offer quality and performance at economical prices. Heavy-duty construction and industry standard components yield durable and reliable equipment. The SWR series features a rear mounted heater box, which is ideal for installations with height restrictions. Each unit is fully assembled, wired, and tested prior to shipment. All LEWCO ovens are manufactured to meet the requirements of NFPA 86.

#### Operating Temperature

- 150°F - 650°F (66°C -343°C)

#### Heating Source & Capacity

- Electric, low watt density Incoloy® heaters provide years of trouble free service.
- Standard heater bank assemblies are installed in high velocity ductwork to maximize heat transfer.

#### Airflow Pattern

- Dual Airflow: Hot air is supplied from both of the side walls and returned through a top plenum.

#### General Construction

- 16 ga. aluminized steel interior
- 18 ga. cold rolled steel exterior
- Heat loss is minimized by a unique wall design featuring a welded inner shell and a completely isolated outer frame and covers.

#### Finish

- Blue or gray alkyd enamel
- Optional: Premium finish for corrosive environments

#### Doors

- Heavy-duty doors on an isolated door frame minimize heat loss. Wire core gaskets create a tight seal for efficient heating.
- Explosion venting latches
- Standard: Bi-parting swing doors
- Optional:
  - Vertical lift guillotine door
  - Door windows

#### Floor

- Standard: 12 ga. plate floor
- Optional:
  - 12 ga. plate floor with (1) pair inverted angle track
  - 12 ga. plate floor with (1) pair 6" wide wheel guides
  - Insulated (100 p.s.f. max.)
  - Insulated with (1) pair inverted angle track
  - Insulated with (1) pair 6" wide wheel guides
  - No floor

#### Input Voltage

- Standard 480/3/60
- Please consult factory for other available options.

#### Controls

- Single set-point temperature controller and redundant high-limit controller
- NEMA 12 enclosure with full voltage lockable disconnect switch
- Circulation fan(s) include air proving circuits that are electrically interlocked with the heating circuit.
- Controls are wired to NFPA 70 and 79 electrical standards, and meet the requirements of NFPA 86, Class B ovens.
- Optional:
  - Door Switch
  - Batch Timer
  - Ramp/ Soak controller
  - Data logger/ chart recorder
  - Zero speed switch for fans
  - Composite curing controls

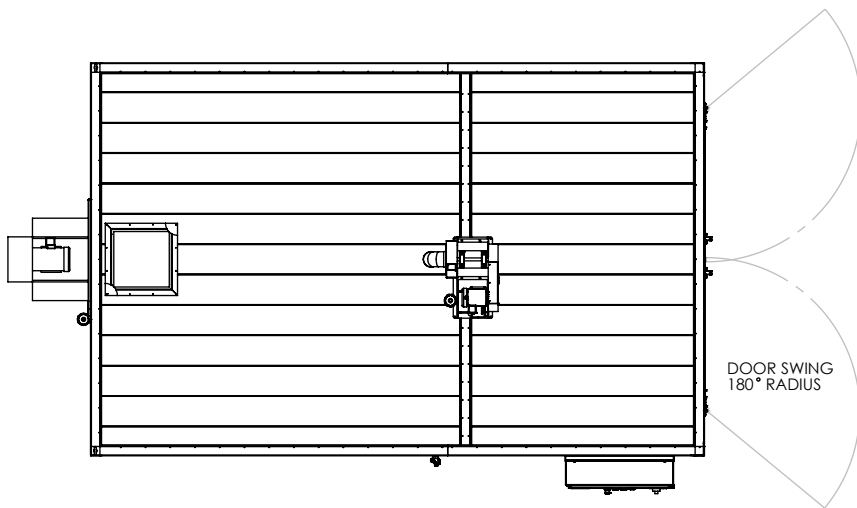
#### Quality Assurance

- Each unit comes complete with a (1) year warranty and is fully assembled, wired, and tested prior to shipment.
- Unit manufactured under ISO 9001 Quality Certified System.

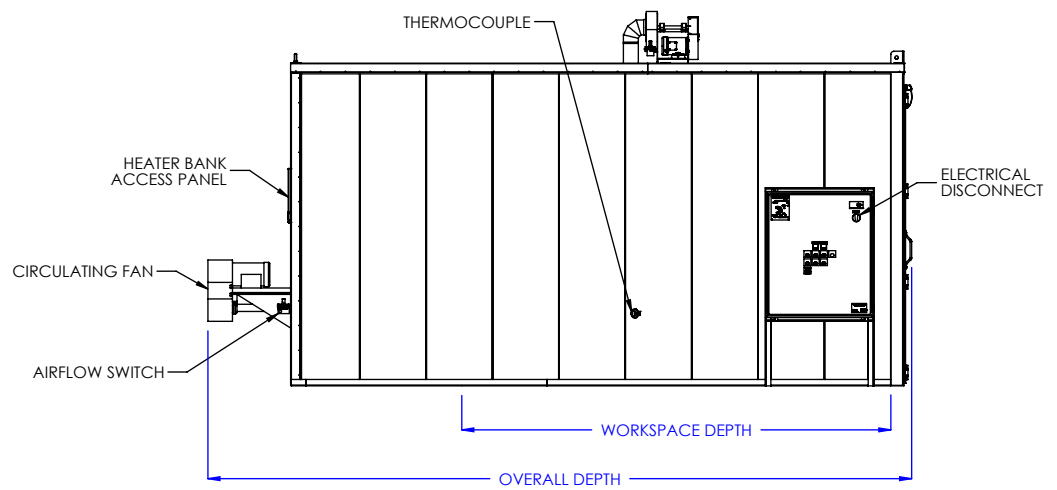
| Model<br>(NFPA Class B) | Overall<br>Dimensions |     |     | Door<br>Swing<br>Radius | Workspace<br>Dimensions |     |     | Workspace<br>Volume<br>(cubic ft.) | Heater Bank<br>(kW) | Circulating Fan<br>(CFM) | Motor<br>(HP) | Air Changes<br>per Minute | Exhaust Fan<br>Capacity<br>(CFM) | Exhaust<br>Motor<br>(HP) | Solvents<br>per Batch<br>(Gals.) | Ships Fully<br>Assembled |
|-------------------------|-----------------------|-----|-----|-------------------------|-------------------------|-----|-----|------------------------------------|---------------------|--------------------------|---------------|---------------------------|----------------------------------|--------------------------|----------------------------------|--------------------------|
|                         | "W"                   | "D" | "H" |                         | "W"                     | "D" | "H" |                                    |                     |                          |               |                           |                                  |                          |                                  |                          |
| SWR06ED-48-48-60        | 82                    | 107 | 73  | 24                      | 48                      | 48  | 60  | 80                                 | 36                  | 1,700                    | 1             | 21.25                     | N/A                              | N/A                      | 0                                | Yes                      |
| SWR06ED-48-48-72        | 81                    | 106 | 84  | 24                      | 48                      | 48  | 72  | 96                                 | 45                  | 2,000                    | 1 1/2         | 20.83                     | N/A                              | N/A                      | 0                                | Yes                      |
| SWR06ED-48-48-96        | 83                    | 106 | 108 | 24                      | 48                      | 48  | 96  | 128                                | 54                  | 2,500                    | 2             | 19.53                     | N/A                              | N/A                      | 0                                | Yes                      |
| SWR06ED-48-72-72        | 83                    | 134 | 84  | 24                      | 48                      | 72  | 72  | 144                                | 54                  | 3,000                    | 2             | 20.83                     | N/A                              | N/A                      | 0                                | Yes                      |
| SWR06ED-48-72-96        | 85                    | 140 | 108 | 24                      | 48                      | 72  | 96  | 192                                | 63                  | 4,000                    | 3             | 20.83                     | N/A                              | N/A                      | 0                                | Yes                      |
| SWR06ED-48-96-72        | 85                    | 164 | 84  | 24                      | 48                      | 96  | 72  | 192                                | 63                  | 4,000                    | 3             | 20.83                     | N/A                              | N/A                      | 0                                | Yes                      |
| SWR06ED-48-96-96        | 89                    | 168 | 108 | 24                      | 48                      | 96  | 96  | 256                                | 72                  | 5,000                    | 3             | 19.53                     | N/A                              | N/A                      | 0                                | Yes                      |
| SWR06ED-60-60-60        | 95                    | 118 | 72  | 30                      | 60                      | 60  | 60  | 125                                | 45                  | 2,500                    | 2             | 20.00                     | N/A                              | N/A                      | 0                                | Yes                      |
| SWR06ED-60-60-72        | 95                    | 122 | 84  | 30                      | 60                      | 60  | 72  | 150                                | 54                  | 3,000                    | 2             | 20.00                     | N/A                              | N/A                      | 0                                | Yes                      |
| SWR06ED-60-60-96        | 97                    | 128 | 108 | 30                      | 60                      | 60  | 96  | 200                                | 63                  | 4,000                    | 3             | 20.00                     | N/A                              | N/A                      | 0                                | Yes                      |
| SWR06ED-60-72-72        | 97                    | 134 | 84  | 30                      | 60                      | 72  | 72  | 180                                | 54                  | 3,500                    | 3             | 19.44                     | N/A                              | N/A                      | 0                                | Yes                      |
| SWR06ED-60-72-96        | 99                    | 144 | 108 | 30                      | 60                      | 72  | 96  | 240                                | 72                  | 4,500                    | 3             | 18.75                     | N/A                              | N/A                      | 0                                | Yes                      |
| SWR06ED-60-96-96        | 103                   | 174 | 108 | 30                      | 60                      | 96  | 96  | 320                                | 81                  | 6,000                    | 3             | 18.75                     | N/A                              | N/A                      | 0                                | Yes                      |
| SWR06ED-72-72-72        | 109                   | 140 | 84  | 36                      | 72                      | 72  | 72  | 216                                | 63                  | 4,000                    | 3             | 18.52                     | N/A                              | N/A                      | 0                                | Yes                      |
| SWR06ED-72-72-96        | 113                   | 150 | 108 | 36                      | 72                      | 72  | 96  | 288                                | 72                  | 5,500                    | 3             | 19.09                     | N/A                              | N/A                      | 0                                | Yes                      |
| SWR06ED-72-96-96        | 121                   | 174 | 108 | 36                      | 72                      | 96  | 96  | 384                                | 90                  | 8,000                    | 5             | 20.83                     | N/A                              | N/A                      | 0                                | Yes                      |
| SWR06ED-72-120-96       | 125                   | 198 | 108 | 36                      | 72                      | 120 | 96  | 480                                | 99                  | 9,000                    | 7 1/2         | 18.75                     | N/A                              | N/A                      | 0                                | Yes                      |
| SWR06ED-84-84-84        | 129                   | 162 | 96  | 42                      | 84                      | 84  | 84  | 343                                | 81                  | 7,000                    | 5             | 20.41                     | N/A                              | N/A                      | 0                                | Yes                      |
| SWR06ED-84-96-84        | 133                   | 174 | 96  | 42                      | 84                      | 96  | 84  | 392                                | 90                  | 8,000                    | 5             | 20.41                     | N/A                              | N/A                      | 0                                | Yes                      |
| SWR06ED-84-120-84       | 137                   | 205 | 96  | 42                      | 84                      | 120 | 84  | 490                                | 99                  | 10,000                   | 7 1/2         | 20.41                     | N/A                              | N/A                      | 0                                | Yes                      |
| SWR06ED-84-120-96       | 141                   | 210 | 108 | 42                      | 84                      | 120 | 96  | 560                                | 108                 | 12,000                   | 7 1/2         | 21.43                     | N/A                              | N/A                      | 0                                | Yes                      |
| SWR06ED-96-96-96        | 149                   | 181 | 108 | 48                      | 96                      | 96  | 96  | 512                                | 108                 | 10,000                   | 7 1/2         | 19.53                     | N/A                              | N/A                      | 0                                | Yes                      |
| SWR06ED-96-120-96       | 153                   | 210 | 108 | 48                      | 96                      | 120 | 96  | 640                                | 126                 | 12,000                   | 7 1/2         | 18.75                     | N/A                              | N/A                      | 0                                | Yes                      |
| SWR06ED-96-144-96       | 161                   | 243 | 108 | 48                      | 96                      | 144 | 96  | 768                                | 144                 | 16,000                   | 10            | 20.83                     | N/A                              | N/A                      | 0                                | Yes                      |
| SWR06ED-96-168-96       | 167                   | 267 | 108 | 48                      | 96                      | 168 | 96  | 896                                | 162                 | 18,000                   | 15            | 20.08                     | N/A                              | N/A                      | 0                                | Yes                      |
| SWR06ED-120-120-96      | 185                   | 219 | 108 | 60                      | 120                     | 120 | 96  | 800                                | 144                 | 16,000                   | 10            | 20.00                     | N/A                              | N/A                      | 0                                | Yes                      |
| SWR06ED-120-120-120     | 193                   | 224 | 132 | 60                      | 120                     | 120 | 120 | 1,000                              | 162                 | 20,000                   | 15            | 20.00                     | N/A                              | N/A                      | 0                                | Yes                      |
| SWR06ED-120-144-96      | 191                   | 243 | 108 | 60                      | 120                     | 144 | 96  | 960                                | 162                 | 18,000                   | 15            | 18.75                     | N/A                              | N/A                      | 0                                | Yes                      |
| SWR06ED-120-144-120     | 197                   | 218 | 132 | 60                      | 120                     | 144 | 120 | 1,200                              | 189                 | 24,000                   | 15            | 20.00                     | N/A                              | N/A                      | 0                                | Yes                      |
| SWR06ED-120-168-96      | 193                   | 242 | 108 | 60                      | 120                     | 168 | 96  | 1,120                              | 180                 | 22,000                   | 15            | 19.64                     | N/A                              | N/A                      | 0                                | Yes                      |
| SWR06ED-120-168-120     | 203                   | 242 | 132 | 60                      | 120                     | 168 | 120 | 1,400                              | 207                 | 26,000                   | 15            | 18.57                     | N/A                              | N/A                      | 0                                | Yes                      |

NOTE: Sizes are approximate. LEWCO, Inc. reserves the right to change specifications without notice.

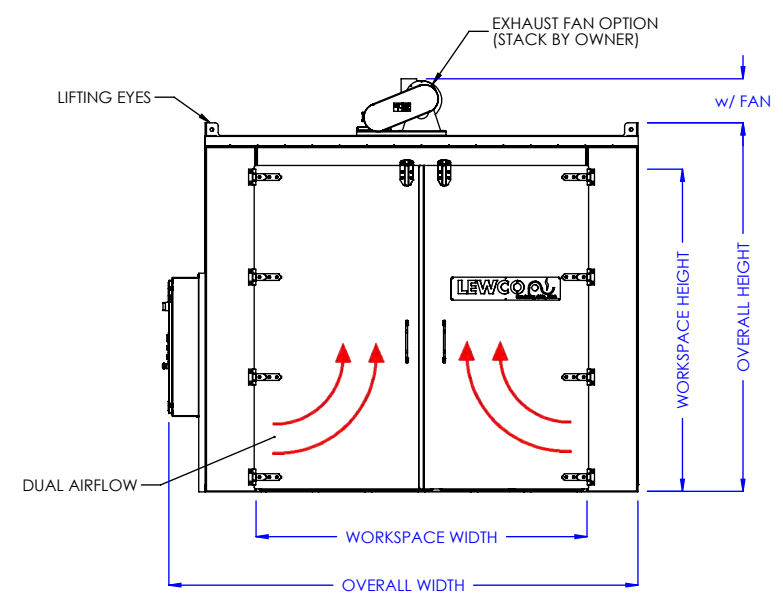
| Model<br>(NFPA Class A) | Overall<br>Dimensions |     |     | Door<br>Swing<br>Radius | Workspace<br>Dimensions |     |     | Workspace<br>Volume<br>(cubic ft.) | Heater Bank<br>(kW) | Circulating Fan<br>(CFM) | Motor<br>(HP) | Air Changes<br>per Minute | Exhaust Fan<br>Capacity<br>(CFM) | Exhaust<br>Motor<br>(HP) | Solvents<br>per Batch<br>(Gals.) | Ships Fully<br>Assembled |
|-------------------------|-----------------------|-----|-----|-------------------------|-------------------------|-----|-----|------------------------------------|---------------------|--------------------------|---------------|---------------------------|----------------------------------|--------------------------|----------------------------------|--------------------------|
|                         | "W                    | "D  | "H  |                         | "W                      | "D  | "H  |                                    |                     |                          |               |                           |                                  |                          |                                  |                          |
| SWR06ED-48-48-60        | 82                    | 107 | 124 | 24                      | 48                      | 48  | 60  | 80                                 | 45                  | 1,700                    | 1             | 21.25                     | 62                               | 1/4                      | 0.04                             | Yes                      |
| SWR06ED-48-48-72        | 81                    | 106 | 135 | 24                      | 48                      | 48  | 72  | 96                                 | 54                  | 2,000                    | 1 1/2         | 20.83                     | 62                               | 1/4                      | 0.04                             | Yes                      |
| SWR06ED-48-48-96        | 83                    | 106 | 159 | 24                      | 48                      | 48  | 96  | 128                                | 63                  | 2,500                    | 2             | 19.53                     | 62                               | 1/4                      | 0.04                             | No                       |
| SWR06ED-48-72-72        | 83                    | 134 | 135 | 24                      | 48                      | 72  | 72  | 144                                | 63                  | 3,000                    | 2             | 20.83                     | 62                               | 1/4                      | 0.04                             | Yes                      |
| SWR06ED-48-72-96        | 85                    | 140 | 159 | 24                      | 48                      | 72  | 96  | 192                                | 72                  | 4,000                    | 3             | 20.83                     | 62                               | 1/4                      | 0.04                             | No                       |
| SWR06ED-48-96-72        | 85                    | 164 | 135 | 24                      | 48                      | 96  | 72  | 192                                | 72                  | 4,000                    | 3             | 20.83                     | 62                               | 1/4                      | 0.04                             | Yes                      |
| SWR06ED-48-96-96        | 89                    | 168 | 159 | 24                      | 48                      | 96  | 96  | 256                                | 81                  | 5,000                    | 3             | 19.53                     | 62                               | 1/4                      | 0.04                             | No                       |
| SWR06ED-60-60-60        | 95                    | 118 | 123 | 30                      | 60                      | 60  | 60  | 125                                | 54                  | 2,500                    | 2             | 20.00                     | 62                               | 1/4                      | 0.04                             | Yes                      |
| SWR06ED-60-60-72        | 95                    | 122 | 135 | 30                      | 60                      | 60  | 72  | 150                                | 63                  | 3,000                    | 2             | 20.00                     | 62                               | 1/4                      | 0.04                             | Yes                      |
| SWR06ED-60-60-96        | 97                    | 128 | 159 | 30                      | 60                      | 60  | 96  | 200                                | 72                  | 4,000                    | 3             | 20.00                     | 62                               | 1/4                      | 0.04                             | No                       |
| SWR06ED-60-72-72        | 97                    | 134 | 135 | 30                      | 60                      | 72  | 72  | 180                                | 63                  | 3,500                    | 3             | 19.44                     | 62                               | 1/4                      | 0.04                             | Yes                      |
| SWR06ED-60-72-96        | 99                    | 144 | 159 | 30                      | 60                      | 72  | 96  | 240                                | 81                  | 4,500                    | 3             | 18.75                     | 62                               | 1/4                      | 0.04                             | No                       |
| SWR06ED-60-96-96        | 103                   | 174 | 159 | 30                      | 60                      | 96  | 96  | 320                                | 108                 | 6,000                    | 3             | 18.75                     | 100                              | 1/4                      | 0.07                             | No                       |
| SWR06ED-72-72-72        | 109                   | 140 | 135 | 36                      | 72                      | 72  | 72  | 216                                | 72                  | 4,000                    | 3             | 18.52                     | 62                               | 1/4                      | 0.04                             | Yes                      |
| SWR06ED-72-72-96        | 113                   | 150 | 159 | 36                      | 72                      | 72  | 96  | 288                                | 81                  | 5,500                    | 3             | 19.09                     | 62                               | 1/4                      | 0.04                             | No                       |
| SWR06ED-72-96-96        | 121                   | 174 | 159 | 36                      | 72                      | 96  | 96  | 384                                | 108                 | 8,000                    | 5             | 20.83                     | 100                              | 1/4                      | 0.07                             | No                       |
| SWR06ED-72-120-96       | 125                   | 198 | 159 | 36                      | 72                      | 120 | 96  | 480                                | 135                 | 9,000                    | 7 1/2         | 18.75                     | 100                              | 1/4                      | 0.07                             | No                       |
| SWR06ED-84-84-84        | 129                   | 162 | 147 | 42                      | 84                      | 84  | 84  | 343                                | 108                 | 7,000                    | 5             | 20.41                     | 100                              | 1/4                      | 0.07                             | No                       |
| SWR06ED-84-96-84        | 133                   | 174 | 147 | 42                      | 84                      | 96  | 84  | 392                                | 108                 | 8,000                    | 5             | 20.41                     | 100                              | 1/4                      | 0.07                             | No                       |
| SWR06ED-84-120-84       | 137                   | 205 | 147 | 42                      | 84                      | 120 | 84  | 490                                | 162                 | 10,000                   | 7 1/2         | 20.41                     | 250                              | 1/4                      | 0.18                             | No                       |
| SWR06ED-84-120-96       | 141                   | 210 | 159 | 42                      | 84                      | 120 | 96  | 560                                | 162                 | 12,000                   | 7 1/2         | 21.43                     | 250                              | 1/4                      | 0.18                             | No                       |
| SWR06ED-96-96-96        | 149                   | 181 | 159 | 48                      | 96                      | 96  | 96  | 512                                | 162                 | 10,000                   | 7 1/2         | 19.53                     | 250                              | 1/4                      | 0.18                             | No                       |
| SWR06ED-96-120-96       | 153                   | 210 | 159 | 48                      | 96                      | 120 | 96  | 640                                | 171                 | 12,000                   | 7 1/2         | 18.75                     | 250                              | 1/4                      | 0.18                             | No                       |
| SWR06ED-96-144-96       | 161                   | 243 | 159 | 48                      | 96                      | 144 | 96  | 768                                | 189                 | 16,000                   | 10            | 20.83                     | 250                              | 1/4                      | 0.18                             | No                       |
| SWR06ED-96-168-96       | 167                   | 267 | 159 | 48                      | 96                      | 168 | 96  | 896                                | 207                 | 18,000                   | 15            | 20.08                     | 250                              | 1/4                      | 0.18                             | No                       |
| SWR06ED-120-120-96      | 185                   | 219 | 159 | 60                      | 120                     | 120 | 96  | 800                                | 189                 | 16,000                   | 10            | 20.00                     | 250                              | 1/4                      | 0.18                             | No                       |
| SWR06ED-120-120-120     | 193                   | 224 | 183 | 60                      | 120                     | 120 | 120 | 1,000                              | 225                 | 20,000                   | 15            | 20.00                     | 250                              | 1/4                      | 0.18                             | No                       |
| SWR06ED-120-144-96      | 191                   | 243 | 159 | 60                      | 120                     | 144 | 96  | 960                                | 207                 | 18,000                   | 15            | 18.75                     | 250                              | 1/4                      | 0.18                             | No                       |
| SWR06ED-120-144-120     | 197                   | 218 | 183 | 60                      | 120                     | 144 | 120 | 1,200                              | 234                 | 24,000                   | 15            | 20.00                     | 250                              | 1/4                      | 0.18                             | No                       |
| SWR06ED-120-168-96      | 193                   | 242 | 159 | 60                      | 120                     | 168 | 96  | 1,120                              | 225                 | 22,000                   | 15            | 19.64                     | 250                              | 1/4                      | 0.18                             | No                       |
| SWR06ED-120-168-120     | 203                   | 242 | 183 | 60                      | 120                     | 168 | 120 | 1,400                              | 288                 | 26,000                   | 15            | 18.57                     | 500                              | 0                        | 0.37                             | No                       |



**PLAN VIEW**



**LEFT SIDE ELEVATION**



**FRONT ELEVATION**

**MODEL: SWR06ED**

**DESCRIPTION: NORMAL DUTY WALK-IN OVEN, REAR MOUNT HEATER, 650°F, ELECTRIC, DUAL AIRFLOW**

**WARNING:** OVENS PROCESSING FLAMMABLE VOLATILES OR COMBUSTIBLE MATERIALS ARE CLASSIFIED BY NFPA 86 AS "CLASS A" OVENS AND REQUIRE SPECIFIC SAFETY FEATURES. KNOW THE PROPERTIES OF THE MATERIALS BEING HEATED. EXPLOSION OR FIRE MAY RESULT FROM MISAPPLICATION.

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