



Model: SWT06EH

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 SWT series features a top-mounted heater box, which creates a smaller footprint and permits pass-through processing with optional rear doors. 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

- Horizontal Airflow: Hot air is supplied from one of the side wall and pulled across horizontally to the opposite side wall.

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.



Industrial Batch Ovens

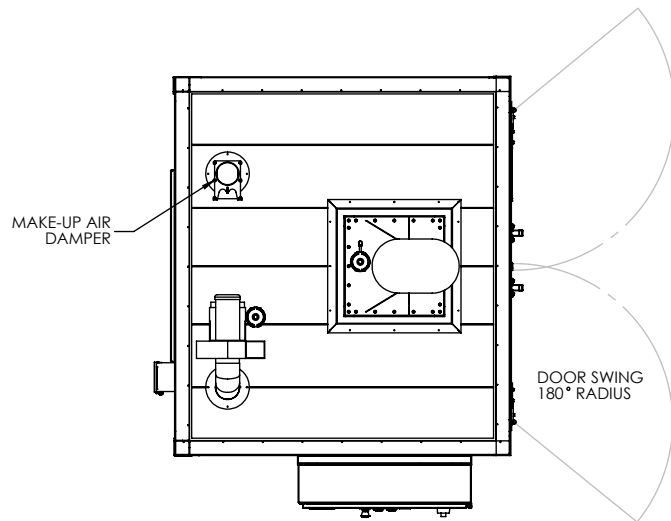
Model: SWT06EH

Model (NFPA Class B)	Overall Dimensions			Door Swing Radius	Workspace Dimensions			Workspace Volume (cubic ft.)	Heater Bank (kW)	Circulating Fan (CFM)	Motor (HP)	Air Changes per Minute	Exhaust Fan Capacity (CFM)	Exhaust Motor (HP)	Solvents per Batch (Gals.)	Ships Fully Assembled
	"W	"D	"H		"W	"D	"H									
SWT06EH-48-48-60 *	79	61	123	24"	48	48	60	80	36	1,700	1	21.25	N/A	N/A	0	Yes
SWT06EH-48-48-72 *	81	61	135	24"	48	48	72	96	45	2,000	1 1/2	20.83	N/A	N/A	0	Yes
SWT06EH-48-48-96 *	83	61	159	24"	48	48	96	128	54	2,500	2	19.53	N/A	N/A	0	No
SWT06EH-48-72-72 *	83	85	136	24"	48	72	72	144	54	3,000	2	20.83	N/A	N/A	0	Yes
SWT06EH-48-72-96 *	85	85	163	24"	48	72	96	192	63	4,000	3	20.83	N/A	N/A	0	No
SWT06EH-48-96-72 *	85	109	139	24"	48	96	72	192	63	4,000	3	20.83	N/A	N/A	0	Yes
SWT06EH-48-96-96 *	89	109	167	24"	48	96	96	256	72	5,000	3	19.53	N/A	N/A	0	No
SWT06EH-60-60-60 *	95	73	123	30"	60	60	60	125	45	2,500	2	20.00	N/A	N/A	0	Yes
SWT06EH-60-60-72 *	95	73	136	30"	60	60	72	150	54	3,000	2	20.00	N/A	N/A	0	Yes
SWT06EH-60-60-96 *	97	73	163	30"	60	60	96	200	63	4,000	3	20.00	N/A	N/A	0	No
SWT06EH-60-72-72 *	97	85	136	30"	60	72	72	180	54	3,500	3	19.44	N/A	N/A	0	Yes
SWT06EH-60-72-96 *	99	85	167	30"	60	72	96	240	72	4,500	3	18.75	N/A	N/A	0	No
SWT06EH-60-96-96 *	103	109	169	30"	60	96	96	320	81	6,000	3	18.75	N/A	N/A	0	No
SWT06EH-72-72-72 *	109	85	139	36"	72	72	72	216	63	4,000	3	18.51	N/A	N/A	0	Yes
SWT06EH-72-72-96	113	85	169	36"	72	72	96	288	72	5,500	3	19.09	N/A	N/A	0	No
SWT06EH-72-96-96	121	109	169	36"	72	96	96	384	90	8,000	5	20.83	N/A	N/A	0	No
SWT06EH-72-120-96	125	133	169	36"	72	120	96	480	99	9,000	7 1/2	18.75	N/A	N/A	0	No

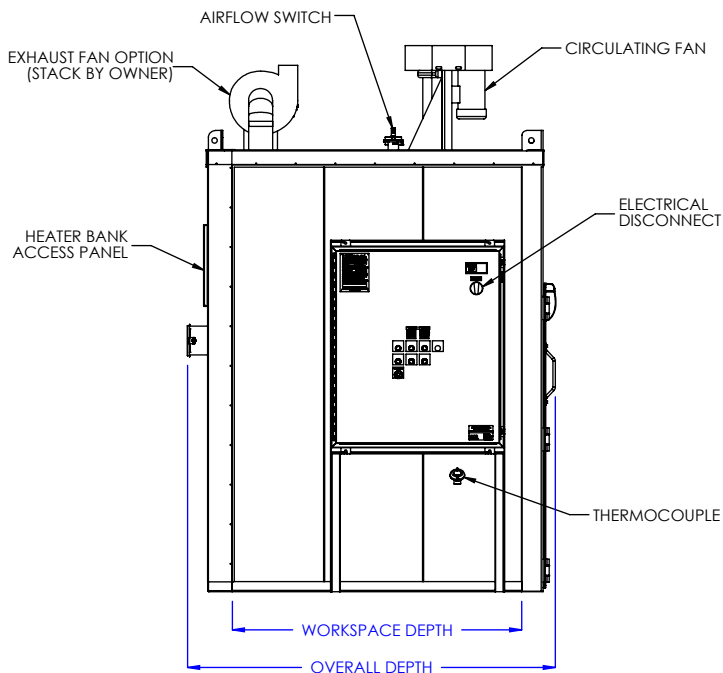
Model (NFPA Class A)	Overall Dimensions			Door Swing Radius	Workspace Dimensions			Workspace Volume (cubic ft.)	Heater Bank (kW)	Circulating Fan (CFM)	Motor (HP)	Air Changes per Minute	Exhaust Fan Capacity (CFM)	Exhaust Motor (HP)	Solvents per Batch (Gals.)	Ships Fully Assembled
	"W	"D	"H		"W	"D	"H									
SWT06EH-48-48-60 *	79	61	174	24"	48	48	60	80	45	1,700	1	21.25	62	1/4	0.04	No
SWT06EH-48-48-72 *	81	61	186	24"	48	48	72	96	54	2,000	1 1/2	20.83	62	1/4	0.04	No
SWT06EH-48-48-96 *	83	61	210	24"	48	48	96	128	63	2,500	2	19.53	62	1/4	0.04	No
SWT06EH-48-72-72 *	83	85	187	24"	48	72	72	144	63	3,000	2	20.83	62	1/4	0.04	No
SWT06EH-48-72-96 *	85	85	214	24"	48	72	96	192	72	4,000	3	20.83	62	1/4	0.04	No
SWT06EH-48-96-72 *	85	109	190	24"	48	96	72	192	72	4,000	3	20.83	62	1/4	0.04	No
SWT06EH-48-96-96 *	89	109	218	24"	48	96	96	256	81	5,000	3	19.53	62	1/4	0.04	No
SWT06EH-60-60-60 *	95	73	174	30"	60	60	60	125	54	2,500	2	20.00	62	1/4	0.04	No
SWT06EH-60-60-72 *	95	73	187	30"	60	60	72	150	63	3,000	2	20.00	62	1/4	0.04	No
SWT06EH-60-60-96 *	97	73	214	30"	60	60	96	200	72	4,000	3	20.00	62	1/4	0.04	No
SWT06EH-60-72-72 *	97	85	187	30"	60	72	72	180	63	3,500	3	19.44	62	1/4	0.04	No
SWT06EH-60-72-96 *	99	85	218	30"	60	72	96	240	81	4,500	3	18.75	62	1/4	0.04	No
SWT06EH-60-96-96 *	103	109	220	30"	60	96	96	320	108	6,000	3	18.75	100	1/4	0.07	No
SWT06EH-72-72-72 *	109	85	190	36"	72	72	72	216	72	4,000	3	18.52	62	1/4	0.04	No
SWT06EH-72-72-96	113	85	220	36"	72	72	96	288	81	5,500	3	19.09	62	1/4	0.04	No
SWT06EH-72-96-96	121	109	220	36"	72	96	96	384	108	8,000	5	20.83	100	1/4	0.07	No
SWT06EH-72-120-96	125	133	220	36"	72	120	96	480	135	9,000	7 1/2	18.75	100	1/4	0.07	No

* Indicates Configuration Style #1. Refer to drawings on page 3 of 4

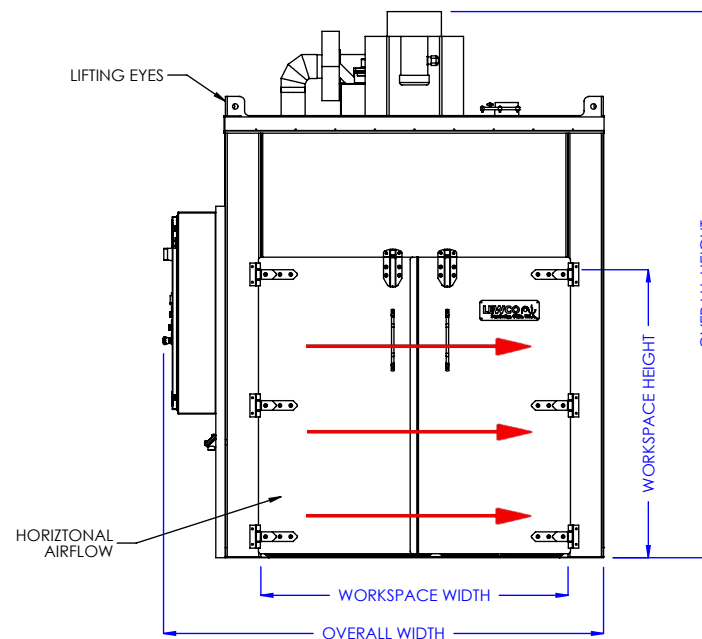
NOTE: Sizes are approximate. LEWCO, Inc. reserves the right to change specifications without notice.



PLAN VIEW



LEFT SIDE ELEVATION



FRONT ELEVATION

MODEL: SWT06EH

DESCRIPTION: NORMAL DUTY WALK-IN OVEN, TOP MOUNT HEATER, 650°F, ELECTRIC, HORIZONTAL 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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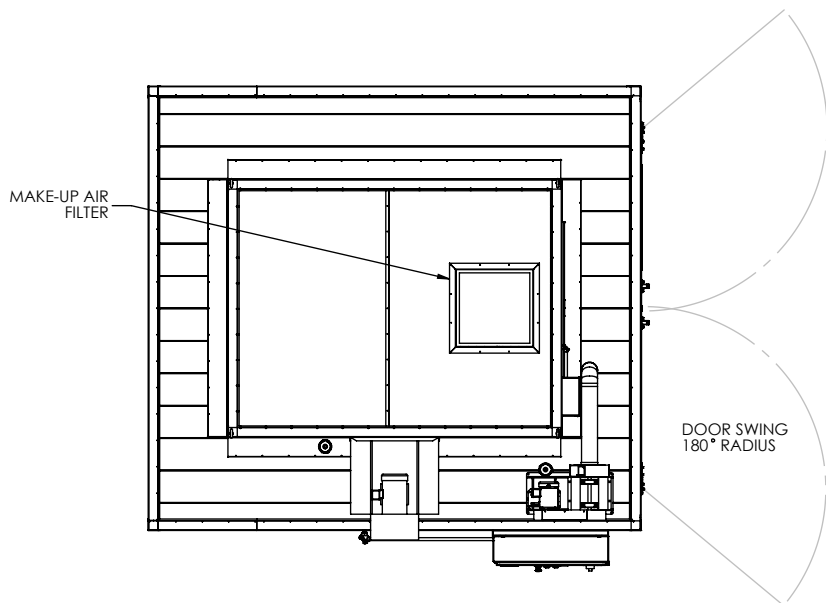
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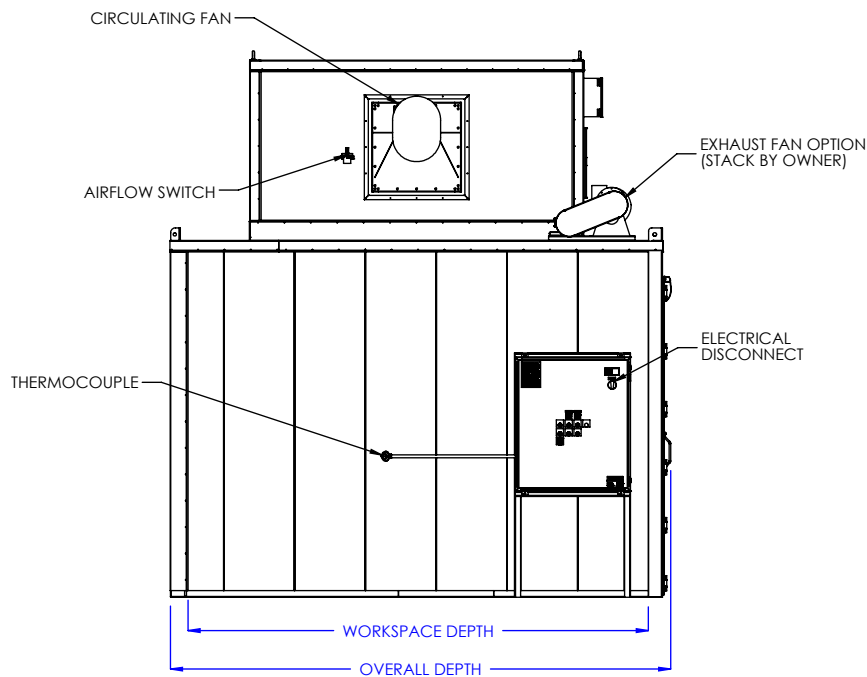
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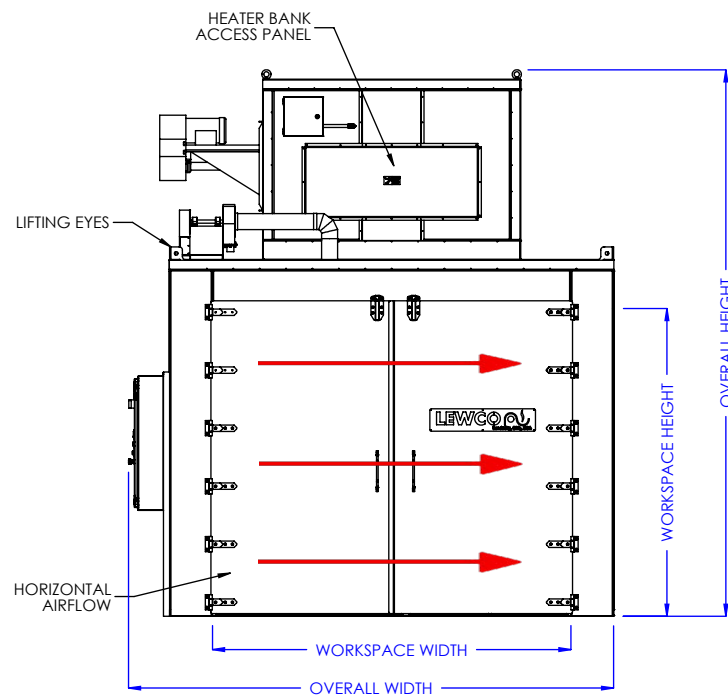
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