









The most common refrigerants that have been used in the industry are HFCs (hydrofluorocarbons R-134a, R-404A), replacements for CFCs (chlorofluorocarbons) which are harmful substances proven to deplete the ozone layer. HFC's are not directly ozone-depleting but these strong greenhouse gases have been shown to have a negative impact on the environment, contributing to global warming up to 4,000 times more than CO2. These GWP refrigerants are listed among substances regulated by the Kyoto Protocol of 1992, and HFC substances such as R-134a and R-404A will be banned by new **U.S government regulations starting January 1, 2019**.

The industry must embrace the new climate-friendly natural refrigerant HC (hydrocarbons).

# What is Hydrocarbon?

HC (hydrocarbon) is a sustainable alternative to HFC.
Hydrocarbons (R-600A, R-290) are natural refrigerants that have no ODP (ozone depleting potential) and very low GWP (global warming potential). Moreover, HC based equipment have been shown to be more energy efficient compared to HFC based equipment, which translates to lower operating costs. The EPA approved R-290 (Propane) and R-600A (Isobutane) as acceptable refrigerants for use in commercial refrigeration, stand-alone equipment refrigerators, and freezers.



U.S. Environmental Protection Agency [2010] EPA-430-F-10-043

# Turbo Air is committed to the environment with innovative and eco-friendly technology!

By utilizing our innovative, eco-friendly technology, Turbo Air has now replaced all previous refrigerants with climatefriendly hydrocarbons R-600A (Isobutane) and R-290 (Propane). In our efforts to protect our environment, we have decreased energy consumption by 25%.

All temperature information provided is obtained through NSF standard testing environment.





Each of our products certifications may differ under certain specifications and various options.

# Brand Your Own Turbo Air Product!



# E-line Reach-In Top Mount SOLID DOOR REFRIGERATORS

\_\_\_\_ FEATURES & BENEFITS \_\_\_\_

# Digital temperature control & monitor system

- Keep food products safe by maintaining constant temperatures.
- Alarms that sound when doors are not sealed shut; protect against food spoilage that originates from cold air leaks.
- · Early warning alarm program detects issues before malfunction occurs.
- Digital display allows for easy monitoring.
- Programs interpret the condition of refrigeration systems by self-diagnosis.
- Rapid cool-down function (Turbo Cooling).
- · Automatic evaporator fan motor delays.

# Hydrocarbon refrigerants (R-290 / R-600a)

With innovative and eco-friendly technology, Turbo Air brings you hydrocarbon refrigerators designed to meet DOE's Energy Conservation Standards in 2017 and to use EPA's SNAP Program approved HC refrigerants. Hydrocarbon refrigerants do not deplete the ozone layer and have very low contribution to global warming (ODP-0, GWP-3).

# Hot gas condensate system

Through Turbo Air's creative innovation, the condensate system surfaces have been specially treated to resist corrosion. This not only increases efficiency without the risk of refrigerant leakage from corrosion, but also prevents the overflow of condensate water.

# Cabinet construction

E-Line series model boasts a stainless steel exterior (door) with AL exterior sides (galvanized steel top, bottom, and back). Interior has a stainless steel bottom with AL interior (walls, door liners, and top duct).

# High-density polyurethane insulation

The entire cabinet structure and solid doors are foamed-in-place using high density, CFC free polyurethane insulation.

- LED interior lighting
- Adjustable, heavy duty, PE (polyethylene) coated wire shelves
- Self-contained system
- Standard 4" dia. swivel casters with locks on the front set

# ER47-2-N6-V

- Door locks standard
- Solid and sturdy grille design
- Top mount compressor
- Anti-corrosion coated evaporator standard featur
- Refrigerator holds 33°F ~ 38°F for the best in food preservation
- Optional features
  - Legs available for all models (optional)
  - Full and half pan racks available (optional, except ER19-1-N6-V)

# ER MODELS SPECIFICATIONS

ELECTRICAL DATA	ER19-1-N6-V	ER24-1-N6-V	ER47-2-N6-V	ER72-3-N-V
Voltage	115/60/1	115/60/1	115/60/1	115/60/1
Plug Type	<b>ONEMA 5-15P</b>	NEMA 5-15P	<b>ONEMA 5-15P</b>	<b>ONEMA 5-15P</b>
Full Load Amperes	1.5	1.5	2.1	5.6
Compressor HP	1/7	1/8	1/5	1/2
Feed Wires with Ground	3	3	3	3
Cord Length (ft.)	9	9	9	9
Refrigerant	R-600a	R-600a	R-600a	R-290
DIMENSIONAL DATA				
Net Capacity (cu. ft.)	18.47	21.9	42.2	65.8
# of Doors	1	1	2	3
# of Racks Accepted	-	1	2	3
Ext.Dimension (L x D x H) (in.)	251/4 x 311/2* x 72†	283/4 x 303/4* x 78†	513/4 x 303/4* x 78†	773/4 x 303/4* x 78†
Int.Dimension (L x D x H) (in.)	215/8 x 255/8 x 571/4	243/4 x 251/2 x 605/8	473/4 x 243/4 x 605/8	737/8 x 245/8 x 605/8
# of Shelves	3	3	6	9
Shelf Size (L x D) (in.)	203/8 x 231/2	233/8 x 23	227/8 x 231/4	23 x 231/2 (L/R), 253/8 x 231/2 (M)
Gross Weight (lbs.)	170	270	415	599

Design and specifications subject to change without notice. Most updated spec sheets are available at www.turboairinc.com.

Actual shipping weight may differ due to extra packing materials for product protection.

\* Depth does not include 2" for rear condensate enclosure. † Height does not include 5" for caster height.

# E-line Reach-In Top Mount SOLID DOOR FREEZERS

# \_\_\_\_ FEATURES & BENEFITS \_\_\_\_

# Digital temperature control & monitor system

Keep food products safe by maintaining constant temperatures.

- Alarms that sound when doors are not sealed shut; protect against food spoilage that originates from cold air leaks.
- Early warning alarm program detects issues before malfunction occurs.
- Digital display allows for easy monitoring.
- Programs interpret the condition of refrigeration systems by self-diagnosis.
- Rapid cool-down function (Turbo Freeze).
- Automatic evaporator fan motor delays.

# **Hydrocarbon refrigerants (R-290)**

With innovative and eco-friendly technology, Turbo Air brings you hydrocarbon refrigerators designed to meet DOE's Energy Conservation Standards in 2017 and to use EPA's SNAP Program approved HC refrigerants. Hydrocarbon refrigerants do not deplete the ozone layer and have very low contribution to global warming (ODP-0, GWP-3).

# Cabinet construction

E-Line series model boasts a stainless steel exterior (door) with AL exterior sides (galvanized steel top, bottom, and back). Interior has a stainless steel bottom with AL interior (walls, door liners, and top duct).

# High-density polyurethane insulation

The entire cabinet structure and solid doors are foamed-in-place using high density, CFC free polyurethane insulation.

- LED interior lighting
- Adjustable, heavy duty, PE (polyethylene) coated wire shelves
- Self-contained system
- Standard 4" dia. swivel casters with locks on the front set
- Door locks standard

# **EF MODELS** SPECIFICATIONS



- Solid and sturdy grille design
- Top mount compressor
- Anti-corrosion coated evaporator standard feature
- Freezer holds -10°F ~ 0°F for the best in frozen food preservation
- Optional features
  - Legs available for all models (optional)
  - Full and half pan racks available (optional, except EF19-1-N-V)

ELECTRICAL DATA	EF19-1-N-V	EF24-1-N-V	EF47-2-N-V	EF72-3-N-V
Voltage	115/60/1	115/60/1	115/60/1	115/60/1
Plug Type	ONEMA 5-15P	<b>ONEMA 5-15P</b>	<b>ONEMA 5-15P</b>	() NEMA 5-15P
Full Load Amperes	4.9	4.9	5.3	7.9
Compressor HP	1/2	1/2	2/3	1
Feed Wires with Ground	3	3	3	3
Cord Length (ft.)	9	9	9	9
Refrigerant	R-290	R-290	R-290	R-290
DIMENSIONAL DATA				
Net Capacity (cu. ft.)	18.47	21.9	42.2	65.8
# of Doors	1	1	2	3
# of Racks Accepted	-	1	2	3
Ext.Dimension (L x D x H) (in.)	251/4 x 311/2* x 72†	283/4 x 303/4 <sup>*</sup> x 78 <sup>†</sup>	513/4 x 303/4 <sup>*</sup> x 78†	773/4 x 303/4* x 78†
Int.Dimension (L x D x H) (in.)	215/8 x 255/8 x 571/4	247/8 x 247/8 x 605/8	473/4 x 247/8 x 605/8	737/8 x 245/8 x 605/8
# of Shelves	3	3	6	9
Shelf Size (L x D) (in.)	203/8 x 231/2	233/8 x 23	227/8 x 231/4	23 x 231/2 (L/R), 253/8 x 231/2 (M)
Gross Weight (lbs.)	176	290	420	635

Design and specifications subject to change without notice. Most updated spec sheets are available at www.turboairinc.com.

Actual shipping weight may differ due to extra packing materials for product protection.

\* Depth does not include 2" for rear condensate enclosure. † Height does not include 5" for caster height.

# E-line Food Prep Tables SANDWICH/SALAD UNITS

\_\_\_\_ FEATURES & BENEFITS \_\_\_\_

# Hydrocarbon refrigerants (R-290 / R-600a)

With innovative and eco-friendly technology, Turbo Air brings you hydrocarbon refrigerators designed to meet the new standards of EPA and DOE in 2017. Hydrocarbon refrigerants do not deplete the ozone layer and have very low contribution to the global warming (ODP-0, GWP-3).

# Cold air compartment

Our innovative "Cold Air Compartment" maintains temperature evenly for each pan to preserve fresh food longer. In addition, the compartment isolates pans from the reach-in area to prevent food spillage.

# Cabinet construction

E-line model boasts a stainless steel exterior (door) with AL exterior sides (galvanized steel back and bottom). Interior is stainless steel floor and back with AL sides. It guarantees the utmost in cleanliness and long product life.

- Convenient cutting board side rail
- High-density polyurethane insulation

The entire cabinet structure and solid doors are foamed-in-place using high density, CFC free polyurethane insulation.

- Self-contained system
- Standard 4" dia. swivel casters with locks on the front set
- Standard 1/6 size, 4" deep condiment pans included
- 9-1/2" deep, ½" thick cutting board included
- Adjustable, heavy duty, PE (polyethylene) coated wire shelves
- Refrigerator holds 33°F ~ 39°F for the best in food preservation



### Optional features

- Stainless steel double overshelf available (optional, except EST-28-N6-V)
- Removable food covers available (optional)
- Legs available for all models (optional)
- 2.5" dia. casters available  $\frac{1}{2}$ " diameter & 13 TPI (optional)

# **EST MODELS** SPECIFICATIONS

ELECTRICAL DATA	EST-28-N6-V	EST-36-N6-V	EST-48-N-V	EST-60-N-V	EST-72-N-V
Voltage	115/60/1	115/60/1	115/60/1	115/60/1	115/60/1
Plug Type	(i) NEMA 5-15P	() NEMA 5-15P	() NEMA 5-15P	(i) NEMA 5-15P	(i) NEMA 5-15P
Full Load Amperes	2.5	3	3	4.1	5.5
Compressor HP	1/5	1/5	1/3	2/5	3/8
Cord Length (ft.)	9	9	9	9	9
Refrigerant	R-600a	R-600a	R-290	R-290	R-290
DIMENSIONAL DATA					
Net Capacity (cu. ft.)	7	9.5	12	16	19
Ext.Dimension (L x D x H) (in.)	271/2 x 30* x 37†	363/8 x 30* x 37 †	481/4 x 30* x 37†	601/4 x 30 <sup>*</sup> x 37 <sup>†</sup>	725/8 x 30 <sup>*</sup> x 37 <sup>†</sup>
# of Doors	1	2	2	2	3
# of Shelves	1	2	2	2	3
# of Pans	8	10	12	16	18
Shelf Size (L x D) (in.)	221/2 x 17	15 x 17	21 x 17	27 x 17	21 x 17 (L/R), 23 x 17 (M)
Gross Weight (lbs.)	133	168	202	237	374

Design and specifications subject to change without notice. Most updated spec sheets are available at www.turboairinc.com.

Actual shipping weight may differ due to extra packing materials for product protection.

\* Depth does not include 1" for rear spacers. † Height does not include 5-5/8" for caster height.

### WARRANTY : 2 Year Parts and Labor Warrtanty Additional 3 Year Warranty on Compressor

# E-line Food Prep Tables **MEGA TOP UNITS**

\_\_\_\_ FEATURES & BENEFITS =\_\_\_

# Bydrocarbon refrigerants (R-290 / R-600a)

With innovative and eco-friendly technology, Turbo Air brings you hydrocarbon refrigerators designed to meet the new standards of EPA and DOE in 2017. Hydrocarbon refrigerants do not deplete the ozone layer and have very low contribution to the global warming (ODP-0, GWP-3).

# Cold air compartment

Our innovative "Cold Air Compartment" maintains temperature evenly for each pan to preserve fresh food longer. In addition, the compartment isolates pans from the reach-in area to prevent food spillage.

# Cabinet construction

E-line model boasts a stainless steel exterior (door) with AL exterior sides (galvanized steel back and bottom). Interior is stainless steel floor and back with AL sides. It guarantees the utmost in cleanliness and long product life.

- Convenient cutting board side rail
- High-density polyurethane insulation

The entire cabinet structure and solid doors are foamed-in-place using high density, CFC free polyurethane insulation.

- Self-contained system
- Standard 4" dia. swivel casters with locks on the front set
- Standard 1/6 size, 4" deep condiment pans included
- 9-1/2" deep, ½" thick cutting board included
- Adjustable, heavy duty, PE (polyethylene) coated wire shelves
- Refrigerator holds 33°F ~ 39°F for the best in food preservation



EST-28-12-N6-V

# Optional features

- Stainless steel double overshelf available (optional, except EST-28-12-N6-V)
- Removable food covers available (optional)
- · Legs available for all models (optional)
- 2.5" dia. casters available 1/2" diameter & 13 TPI (optional)

# **EST MODELS** SPECIFICATIONS

ELECTRICAL DATA	EST-28-12-N6-V	EST-36-15-N6-V	EST-48-18-N-V	EST-60-24-N-V	EST-72-30-N-V
Voltage	115/60/1	115/60/1	115/60/1	115/60/1	115/60/1
Plug Type	(i) NEMA 5-15P	(i) NEMA 5-15P	(i) NEMA 5-15P	(i) NEMA 5-15P	() NEMA 5-15P
Full Load Amperes	2.5	3	3	4.1	5.5
Compressor HP	1/5	1/5	1/3	2/5	3/8
Cord Length (ft.)	9	9	9	9	9
Refrigerant	R-600a	R-600a	R-290	R-290	R-290
DIMENSIONAL DATA					
Net Capacity (cu. ft.)	8	11	15	19	23
Ext.Dimension (L x D x H) (in.)	271/2 x 34* x 39†	363/8 x 34* x 39†	481/4 x 34* x 39†	601/4 x 34 <sup>*</sup> x 39 <sup>†</sup>	725/8 x 337/8* x 39 <sup>†</sup>
# of Doors	1	2	2	2	3
# of Shelves	1	2	2	2	3
# of Pans	12	15	18	24	30
Shelf Size (L x D) (in.)	221/2 x 17	15 x 17	21 x 17	27 x 17	21 x 17 (L/R), 23 x 17 (M)
Gross Weight (lbs.)	138	172	207	245	396

Design and specifications subject to change without notice. Most updated spec sheets are available at www.turboairinc.com.

Actual shipping weight may differ due to extra packing materials for product protection.

\* Depth does not include 3" for cutting board and 1" for rear spacers. † Height does not include 5-5/8" for caster height.

# E-line Undercounters UNDERCOUNTER REFRIGERATORS

\_\_\_\_ FEATURES & BENEFITS \_\_\_\_

# Hydrocarbon refrigerants (R290 / R-600a)

With innovative and eco-friendly technology, Turbo Air brings you hydro-carbon refrigerators designed to meet the new standards of EPA and DOE in 2017. Hydrocarbon refrigerants do not deplete the ozone layer and have very low contribution to the global warming (ODP-0, GWP-3).

# Cabinet construction

E-line model boasts a stainless steel exterior (door) with AL exterior sides (galvanized steel back and bottom). Interior is stainless steel floor and back with AL sides. It guarantees the utmost in cleanliness and long product life.

# High-density polyurethane insulation

The entire cabinet structure and solid doors are foamed-in-place using high density, CFC free polyurethane insulation.

# Ergonomically designed doors

Customers' fatigue fades away with easy grip handles and doors that open effortlessly. These features along with self-closing doors make this the ultimate choice in customer convenience. ABS sheet door liners resist water condensation with thermal efficiency.

# Magnetic door gaskets

Magnetic door gaskets are of one piece construction, removable without tools for ease of cleaning and replacement.

- Adjustable, heavy duty, PE (polyethylene) coated wire shelves
- Self-contained system
- Standard 4" dia. swivel casters with locks on the front set
- Refrigerator holds 33°F ~ 38°F for the best in food preservation



EUR-28-N6-V

# Optional features

- Legs available for all models (optional)
- Stainless steel double overshelf available (optional, except EUR-28-N6-V)
- 2.5" dia. casters available 1/2" diameter & 13 TPI (optional)

# **EUR MODELS SPECIFICATIONS**

ELECTRICAL DATA	EUR-28-N6-V	EUR-36-N6-V	EUR-48-N6-V	EUR-60-N6-V	EUR-72-N-V
Voltage	115/60/1	115/60/1	115/60/1	115/60/1	115/60/1
Plug Type	() NEMA 5-15P	(i) NEMA 5-15P	() NEMA 5-15P	(i) NEMA 5-15P	(i) NEMA 5-15P
Full Load Amperes	1.2	1.2	1.5	1.9	5
Compressor HP	1/8	1/8	1/5	1/5	1/6
Cord Length (ft.)	9	9	9	9	9
Refrigerant	R-600a	R-600a	R-600a	R-600a	R-290
DIMENSIONAL DATA					
Net Capacity (cu. ft.)	7.1	9.7	13.2	16.9	18.8
Ext.Dimension (L x D x H) (in.)	271/2 x 30* x 30 <sup>+</sup>	36 <sub>3/8</sub> x 30 <sup>*</sup> x 30 <sup>†</sup>	481/4 x 30 <sup>*</sup> x 30 <sup>†</sup>	601/4 x 30 <sup>*</sup> x 30 <sup>†</sup>	725/8 x 30 <sup>*</sup> x 30 <sup>†</sup>
# of Doors	1	2	2	2	3
# of Shelves	1	2	2	2	3
Shelf Size (L x D) (in.)	221/2 x 17	15 x 17	21 x 17	27 x 17	21 x 17 (L/R), 23 x 17 (M)
Gross Weight (lbs.)	119	153	187	221	352

Design and specifications subject to change without notice. Most updated spec sheets are available at www.turboairinc.com.

Actual shipping weight may differ due to extra packing materials for product protection. \* Depth does not include 1" for rear spacers. † Height does not include 5-5/8" for caster height.

WARRANTY : 2 Year Parts and Labor Warrtanty Additional 3 Year Warranty on Compressor

# E-line Undercounters UNDERCOUNTER FREEZERS

\_\_\_\_ FEATURES & BENEFITS \_\_\_\_

# Hydrocarbon refrigerants (R-290)

With innovative and eco-friendly technology, Turbo Air brings you hydro- carbon refrigerators designed to meet the new standards of EPA and DOE in 2017. Hydrocarbon refrigerants do not deplete the ozone layer and have very low contribution to the global warming (ODP-0, GWP-3).

# Cabinet construction

E-line model boasts a stainless steel exterior (door) with AL exterior sides (galvanized steel back and bottom). Interior is stainless steel floor and back with AL sides. It guarantees the utmost in cleanliness and long product life.

# High-density polyurethane insulation

The entire cabinet structure and solid doors are foamed-in-place using high density, CFC free polyurethane insulation.

# Ergonomically designed doors

Customers' fatigue fades away with easy grip handles and doors that open effortlessly. These features along with self-closing doors make this the ultimate choice in customer convenience. ABS sheet door liners resist water condensation with thermal efficiency.

# Magnetic door gaskets

Magnetic door gaskets are of one piece construction, removable without tools for ease of cleaning and replacement.

- Adjustable, heavy duty, PE (polyethylene) coated wire shelves
- Self-contained system
- Standard 4" dia. swivel casters with locks on the front set
- Freezer holds -10°F ~ 0°F for the best in frozen food preservation



# Optional features

- Legs available for all models (optional)
- Stainless steel double overshelf available (optional, except EUF-28-N-V)
- 2.5" dia. casters available 1/2" diameter & 13 TPI (optional)

# **EUF MODELS SPECIFICATIONS**

ELECTRICAL DATA	EUF-28-N-V	EUF-36-N-V	EUF-48-N-V	EUF-60-N-V
Voltage	115/60/1	115/60/1	115/60/1	115/60/1
Plug Type	() NEMA 5-15P	() NEMA 5-15P	(i) NEMA 5-15P	(i) NEMA 5-15P
Full Load Amperes	2.2	2.5	3.2	4.3
Compressor HP	1/3	1/3	2/5	2/5
Cord Length (ft.)	9	9	9	9
Refrigerant	R-290	R-290	R-290	R-290
DIMENSIONAL DATA				
Net Capacity (cu. ft.)	7.1	9.7	13.2	16.9
Ext.Dimension (L x D x H) (in.)	271/2 x 30* x 30 <sup>†</sup>	363/8 x 30* x 30†	481/4 x 30* x 30†	601/4 x 30* x 30†
# of Doors	1	2	2	2
# of Shelves	1	2	2	2
Shelf Size (L x D) (in.)	221/2 x 17	15 x 17	21 x 17	27 x 17
Gross Weight (lbs.)	126	159	193	226

Design and specifications subject to change without notice. Most updated spec sheets are available at www.turboairinc.com.

Actual shipping weight may differ due to extra packing materials for product protection.

\* Depth does not include 1" for rear spacers. † Height does not include 5-5/8" for caster height





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