

Unit Cooler

Model : LED036BE(OX, NX, OM, NM)



FEATURES / BENEFITS

- Blue anti-corrosion-fin increases the life span of the coil.
- Air-pass guard is located at the bottom of the coil to improve heat exchange rate.
- Easy to replace defrost heater (LED model).
- Corrugated fin is used to increase heat exchanges rate by expanding the surface area.
- Even in confined space, all parts can be reached easily by opening the front cover.
- Location of power connector makes replacement of motor convenient.
- Seamless inner groove copper tube increases the heat exchange rate by reducing the space between the fin and copper tube.
- Venturi type distributor and precise orifice hole are used to minimize the pressure drop and maximize the freezing capacity respectively.
- Even in confined space, all parts can be reached easily by opening the front cover.
- Thermostat is installed to prevent over temperature on heater.
- Circuit opens automatically over 70°F.
- Parts available:
Expansion Valve (Sporlan) (Factory Pre-mounted)
Solenoid Valve (Sporlan) (Factory Pre-mounted)
Thermostat (Johnson Control) (Shipped Loose)
- The spiral fan guard enables cold air to be delivered efficiently and thoroughly.
- The protruding fan and motor placement substantially reduce vibration and noise.
- EC Motor (Dual Speed) for high energy efficiency.
- Anti-oxidizing stainless steel mounting and bolts.

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LED ELECTRIC DEFROST MODEL 60HZ WITH EC MOTOR (DUAL SPEED)

Capacity (R-404A)				Capacity (R-448A)				Fan Data		
10°F / 6°C TD -20°F / -29°C SST		12°F / 7°C TD -22°F / -30°C SST		10°F / 6°C TD -20°F / -29°C SST		12°F / 7°C TD -22°F / -30°C SST				
BTUH	Watts	BTUH	Watts	BTUH	Watts	BTUH	Watts	CFM/m³H		No.
3764	1102	4432	1298	3678	1077	4325	1267	772	1312	1

EC Motor Data			Defrost Heaters			Connections (Inches)				Approx. Net Weight (Lbs. / Kg)	AWEF Value	
230V 1Ph 60Hz			Watts	Total Amps							R-404A	R-448A / R-449A
HP	Total Amps	Watts		230/1/60	230/3/60	COIL INLET	SUCTION	EQUALIZER	DRAIN			
1/25	0.45	25	1020	4.4	2.6	1/2 OD	5/8 ID	1/4 OD	3/4 MPT	32 / 15	3.94	3.94

Design and specifications subject to change without notice

LED036BEOX: R404A TXV "SBFSE-AA-Z" (Inlet: 3/8", Outlet: 1/2") Pre-installed

LED036BENX: R448A/R449A TXV "SBFDE-AAA-Z" (Inlet: 3/8", Outlet: 1/2") Pre-installed

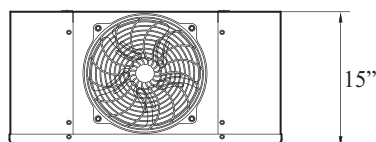
LED036BEOM: R404A TXV "SBFSE-AA-Z" (Inlet: 3/8", Outlet: 1/2") & LLSV "E3S130" (3/8") Pre-installed

LED036BENM: R448A/R449A TXV "SBFDE-AAA-Z" (Inlet: 3/8", Outlet: 1/2") & LLSV "E3S130" (3/8") Pre-installed

■ **WARRANTY : 1 Year Fan Motor and Parts Warranty**

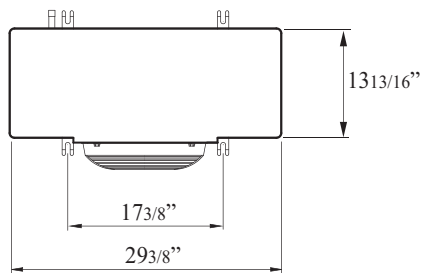
PLAN VIEW

(unit : inch)

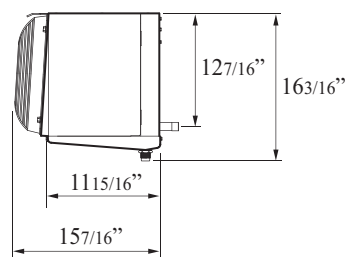


3/4" MPT (14NPS)
Drain Connection

FRONT VIEW



TOP VIEW



SIDE VIEW



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"Subject to change without notice" will allow Turbo Air to not be liable for small changes such as amperage, size or any other issue that someone would blame on us.