



Introducing ALEX Our New Aluminum Extrusion Reflector



Our most important new product introduction since the ceramic heater itself, is now ready for sale. The ALEX (aluminum extrusion) is a reflector assembly system with innovative new features that make it superior to other reflectors on the market. Their limitless flexibility is ideal for a variety of applications.



ALEX/F

The ALEX replaces our SWB as a complete reflector assembly. It features an extruded aluminum outer case, polished stainless steel reflector and pre-wired terminal blocks. They can be mounted in any direction, or side by side to make a larger panel. They are ideal for plastic thermoforming and extrusion, oven construction and other process heating applications, drying, curing and food warming.



ALEX/FF

They are currently available in lengths for one or two FTE heaters, ALEX/F is 10" (25.4 cm) long and the ALEX/FF is 19 7/8" (50.5 cm) long. Longer ALEXs will be available soon, as well as an ALEX for HTE size heaters.

Compare the Improved ALEX:

- 1) Position adjustable mounting style
- 2) 1/2" conduit knockout on each side
- 3) Can mix FTEs and HTEs in the same ALEX
- 4) Wire guard protection protects heaters and users
- 5) More durable and sturdy extruded aluminum
- 6) Stainless steel reflectors resist corrosion better
- 7) Built-in channel allows extrusions to be interlocked

To the Former SWB:

- 1) Mounting hole spacing was set
- 2) No conduit knockout
- 3) Could not mix FTEs and HTEs in the same SWB
- 4) No wire guard protection
- 5) Less durable sheet metal
- 6) Aluminized steel reflectors more susceptible to corrosion

1) Position Adjustable Mounting



Adjustment for mounting hole spacing is possible via 1/4" studs, hex nuts and washers because the stud screws into a t-slot nut with a ball/spring, to slide in the groove of the top terminal cover extrusion. The ALEX has an optional mounting system that is easily adjustable to change the angle/direction it is facing.

2) Electrical Conduit Connections

A removable hole plug in each end cap allows connection to either end. There is a green ground screw in the terminal connection area and one or more TB-2 terminal block connections which require heaters with at least the new standard of 6" (152.4 mm) leads.

3) Mixing FTEs and HTEs

The reflector insert will be available in a shorter length than the FTE reflector to accommodate HTE size heaters. This will allow the two reflector inserts to be interchanged within the same ALEX. An ALEX with one HTE, two FTEs, and one HTE, to be assembled in that order, will be an ALEX/HFFH. The interchangeability allows the user to have different size zones in the heat profile since the HTE is half the length of the FTE.

4) Wire Guard Protection

The appropriate length is available to protect the heaters from damage and to protect users from burns. Currently the guard is available up to 40" for an ALEX with 4 FTEs.



Please see this website page for more information about the ALEX:
www.InfraredHeaters.com/alex.htm



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