



# TFD-E

LIGHT INDUSTRIAL



The TFD-E is the go-to air curtain for industrial doors ranging between 10 and 14 feet. This versatile air curtain can be used to cover openings on dock doors, shipping doors, delivery doors or other areas needing to separate environments. With the addition of electric heat, the TFD-E effectively blocks cold winter air from entering through an open door while also helping improve employee comfort and prevent the buildup of ice water around the door.

The TFD-E air door is manufactured as a single unit that can be joined together to cover openings up to 14' wide. To streamline access, the TFD-E has top and bottom panels that expedite the service process. All industrial units are direct drive, which avoids misalignment of couplers and outboard bearings and eliminates periodic belt replacement. The motor/blower plate comes out as an entire piece and all parts on the outside of the unit are constructed of stainless steel.



## OPTIONS

### HEATING

Unheated, Hot Water, Steam, Indirect Gas

## AT A GLANCE

Single Incremental Widths

3' to 14'

Max Installation Height

14'

Heavy Duty Motors

1.5 HP

### KEY DESIGN FEATURES

- Outer cabinet constructed of 18-gauge 304 stainless steel with #3 finish
- 1.5 HP TEAO (Totally Enclosed Air Over) direct-drive single-speed motor(s)
- High-efficiency discharge plenum with adjustable air foil vane (+/-20°)
- Top and bottom access panels for servicing and removal of motor-blower assembly
- NEMA 12 control panel
- Open coil multi-stage heating elements with factory mounted panel(s)
- Single point power connection available (see electrical table)
- Alternate heater kW available (consult factory)

### RECOMMENDED CONTROLS

- Activation by 24V magnetic door switch
- Toggle disconnect switch(s)
- Hand/Off/Auto selector switch
- Heat On/Off selector switch
- Digital thermostat

