



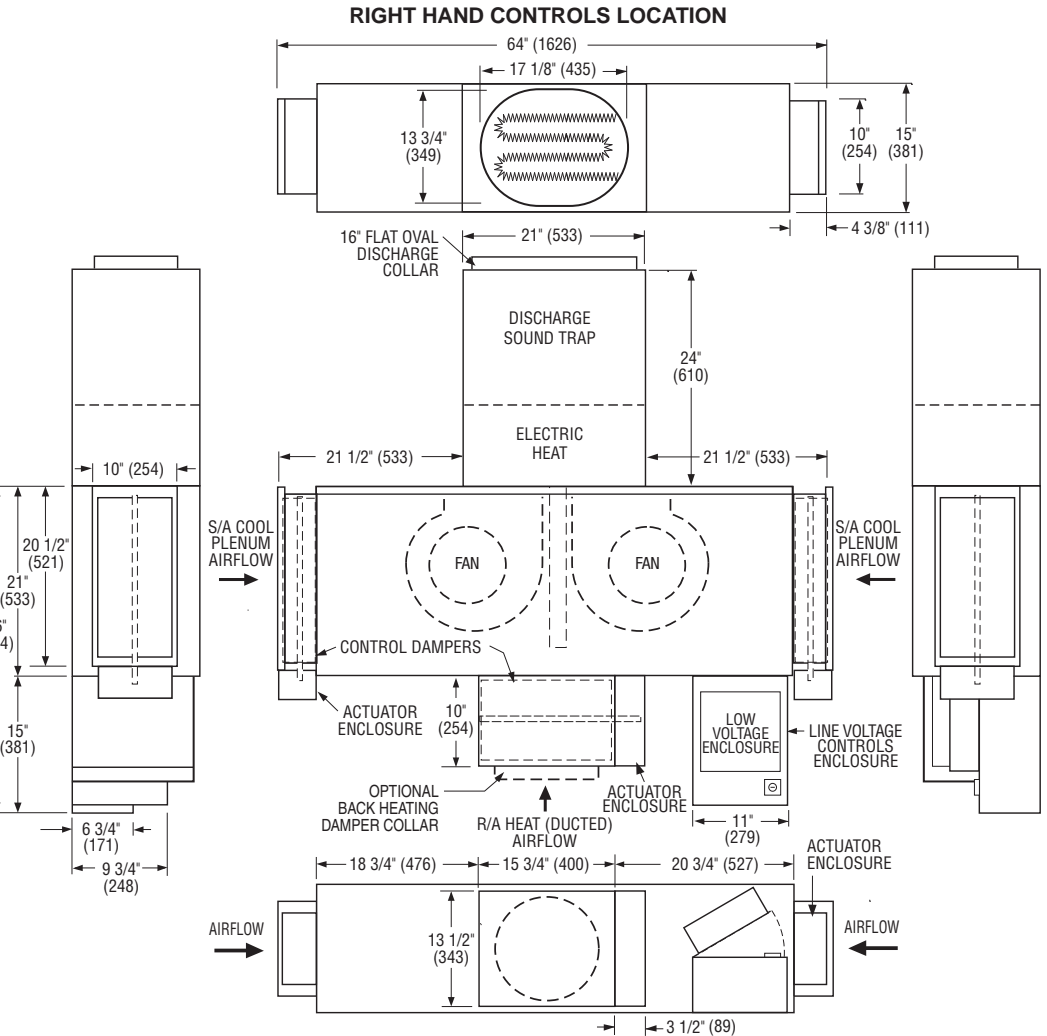
# UNDERFLOOR FAN BOOSTER UNIT WITH ECM MOTOR • COOLING AND HEATING DAMPERS • VARIABLE OR CONSTANT VOLUME MODEL: 38FE • UNIT SIZE 6H HIGH CAPACITY

## BASIC UNIT FEATURES:

- 20 ga. (1.0) galvanized steel casing components.
- Unit incorporates three low leakage dampers for 2 position open/closed operation. Two are used for supply air cooling mode (from underfloor plenum) and the other for return air heating mode airflow (ducted).
- Full size top access panel.
- Enclosures for damper actuators.
- 1/2" (13) dual density insulation, exposed edges coated to prevent air erosion. Meets requirements to NFPA 90A and UL181.
- Ultra-high efficiency ECM fan motor. EPIC fan volume controller.
- Motor blower assembly mounted on special 16 ga. (1.6) angles and isolated from casing with rubber isolators.
- Single point electrical connection.
- Top access hinged door on the line voltage/fan controls enclosure.
- Controls mounted as standard on RH side as shown.
- Discharge collar. Flat oval transition for flexible duct connection. 16" (17 1/8" x 13 3/4")

## Options:

- Toggle disconnect switch.
- Heating damper collar on return air inlet for flexible duct connection. 12" (305) dia.
- Fiber-free liner.
- Perforated metal liner.
- Steri-liner.
- Isolator pads.
- Fan Unit fusing.
- Left hand controls location.
- Special features: \_\_\_\_\_.



## ELECTRIC COIL FEATURES:

- Coil installed on unit discharge.
- Insulated heater element wrapper.
- Automatic reset high limit cut-outs (one per element).
- Flanged outlet duct connection.
- Airflow safety switch to prove airflow.
- Single point electrical connection for entire terminal unit.
- Terminal unit with heater is ETL listed as an assembly.
- Controls mounted as standard on RH side as shown.

## Voltage:

- Single phase, 60 Hz.  
 208V  240V  277V  
 Three phase, 60 Hz.  208V  
 480V (4 wire wye).  \_\_\_\_\_.

## Electrical Data

Unit Size	Motor H. P.	ECM Motor FLA		
		120/1/60	208/240/1/60	277/1/60
6H	2@1/2	13.9	7.2	6.2

FLA = Full load amperage

## Options:

- Toggle disconnect switch.
- Door interlock disconnect switch.
- Mercury contactors.
- Power circuit fusing.
- Class 'A' 80/20 Ni./Cr. Wire.
- Dust tight construction.
- Manual reset secondary thermal cut out.
- Special features: \_\_\_\_\_.



SCHEDULE TYPE:

PROJECT:

ENGINEER:

CONTRACTOR:

Dimensions are in inches (mm).

DATE	B SERIES	SUPERSEDES	DRAWING NO.
8 - 20 - 08	38F	NEW	38FE-6HDRH