



Built Better to Last Longer

SEI Series Electric Furnace

Warm Comfortable Heat



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SEI Electric Furnace

- State of the art Intelligent controller provides total comfort operation
 - Elements are operated by individual relays
 - Multi-position design – upflow; downflow; horizontal
 - All furnaces available with PSC direct drive motors or high efficient ECM motors
 - LED Panel display; continuous fan interrupt switch
 - Prewired for air conditioning
 - Optional non combustibile base is available for counterflow installations on combustibile floors
 - Warranty of 5 years on all electrical components
- Comfort Max Feature:**
- Targets ideal length of time in a heating cycle to ensure constant even temperatures.
 - Automatically adjusts heat output to prevent overshooting the thermostat set point
 - Automatic multi staged heating for those chilly days
 - Provides full heating capacity on those colder days
 - Provisions for both 2 stage heating and 2 stage cooling
 - Eliminates all the complex wiring seen with conventional designs.
 - External thermostat connections

SEI SERIES						
RATINGS - kw	10	15	18	20	23	27
OUTPUT - B.T.U.H.	34144	51216	61460	68288	78530	92190
TEMPERATURE RISE – RANGE ° F	40-50	45-60	55-75	55-75	60-80	60-80
TEMPERATURE RISE – RANGE ° C	4-10	7-15	12-23	12-23	15-26	15-26
ELECTRICAL						
VOLTS / HZ / PHASE 230 / 60 / 1						
ELEMENT NO. 1 (kW)	5	5	5	5	4	5
ELEMENT NO. 2 (kW)	5	5	4	5	5	5
ELEMENT NO. 3 (kW)		5	5	5	4	5
ELEMENT NO. 4 (kW)			4	5	5	4
ELEMENT NO. 5 (kW)					5	4
ELEMENT NO. 6 (kW)						4
MOTOR AMPS @ 230 VAC (PSC)	2.2	2.2	2.2	2.2	2.2	5.8
HEATING ELEMENT AMPS	40	60	80	89	92	108
TOTAL AMPS	43	63	83	92	95	114
MINIMUM CIRCUIT AMPS	60	85	100	110	125	150
BREAKER SIZE -AMPS	60	90	100	125	125	150
WIRE SIZE (AWG)	6	4	3	3	2	1
BLOWER DATA PSC Fan motor design only (HEATING)						
BLOWER SPEED @ 0.50 " E.S.P	MED - LOW	MED - LOW	MED - HIGH	MED - HIGH	MED - HIGH	MED - HIGH
BLOWER SPEED @ 0.20 " E.S.P	MED - LOW	MED - LOW	MED - HIGH	MED - HIGH	MED - HIGH	MED - HIGH
MOTOR H.P -SPEEDS PSC (230V)	1/3 HP – 3 SPEED					3/4 HP 4-SPEED
ECM (230V)	1/3 HP					3/4 HP
BLOWER	G10-8					GT12-10
GENERAL INFORMATION						
DIMENSIONS: WIDTH X DEPTH X HEIGHT	20 "W X 21 " D " X 36 " H					
WARM AIR PLENUM	15 " X 18 "					
RETURN AIR PLENUM	18 1/2 " X 18 1/2 "					
AIR FILTER – 1 SUPPLIED	20 " X 20 " X 1 "					
SHIPPING WEIGHT	48 KG (105 lbs.)					
AIR CONDITIONING	UP TO 3 TONS					UP TO 5 TONS

Note: One fan speed tap is parked.
Maximum discharge air temperature - 93 C (200F)



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F-SEI-SS-EN-REV7 July 2, 2014
Specifications and illustrations subject to change
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