

**HIGH EFFICIENCY PERIMETER HEATING EQUIPMENT  
SUBMITTAL DATA PAGE**

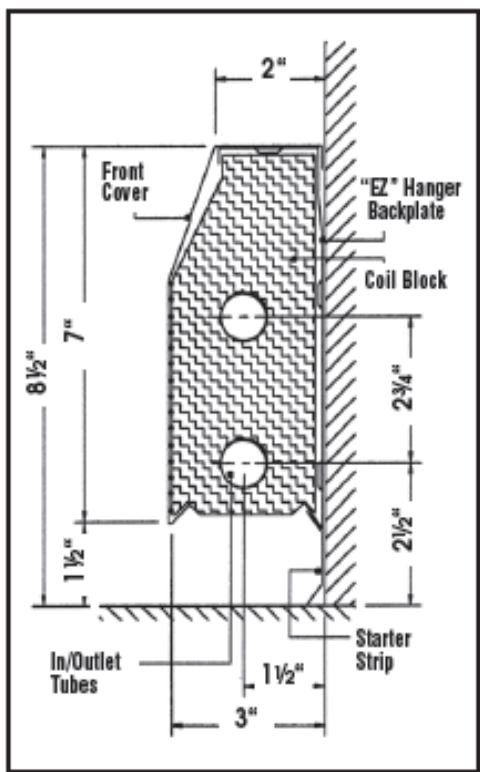
**MODEL: HE2**

Name of job and location \_\_\_\_\_ Date \_\_\_\_\_

Architect \_\_\_\_\_ Engineer \_\_\_\_\_ Sheet \_\_\_\_\_ Of \_\_\_\_\_

Contractor \_\_\_\_\_ Order Number \_\_\_\_\_

Submitted by \_\_\_\_\_



**HE2 SPECIFICATIONS**

HE2 CONSISTS OF:

- Coil Block
- EZ Hanger Back Plate
- Perforated Cover
- Starter Strip

LENGTHS: 2' – 8' in 12" increments

FRONT COVER, BACK PLATE AND STARTER STRIP:

- 20 Gauge

FINISH:

- Dove Grey two part rust resistant baked on prime coat enamel

INSTALLATION SYSTEM – See detail

**COIL BLOCK SPECIFICATIONS**

SEAMLESS COPPER TUBE SIZE:

- 3/4"

SEAMLESS COPPER TUBE TYPE:

- Type L

SEAMLESS COPPER TUBE QUANTITY:

- Two Tubes

FIN SIZE:

- 7"H X 3" W - .009 Aluminum

FIN TYPE:

- Tri Folded prevents nesting
- Scrubbed increases turbulence
- Notched for mounting system

FINS PER FOOT

- 47.3 FPF

PIPING CONFIGURATIONS

- PARALLEL FLOW
- TOP SUPPLY BOTTOM RETURN
- BOTTOM SUPPLY TOP RETURN
- BOTTOM SUPPLY NO RETURN

**JOB SPECIFIC INFORMATION – BASIS OF DESIGN**

AVERAGE WATER TEMPERATURE \_\_\_\_\_ °F

WATER FLOW RATE \_\_\_\_\_ GPM \_\_\_\_\_ FPS

ENTERING AIR TEMPERATURE \_\_\_\_\_ °F

PIPING CONFIGURATION \_\_\_\_\_

RATING \_\_\_\_\_ BTU/HR/LF \_\_\_\_\_



## HIGH EFFICIENCY PERIMETER HEATING EQUIPMENT SUBMITTAL PERFORMANCE PAGE

**MODEL: HE2**

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Architect \_\_\_\_\_ Engineer \_\_\_\_\_ Sheet \_\_\_\_\_ Of \_\_\_\_\_

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Submitted by \_\_\_\_\_

### SPECIFICATIONS

Heating Edge™ Hot Water Performance Ratings	Flow Rate GPM	PD in ft of H <sub>2</sub> O	Average Water Temperature (BTU/hr/ft @AWT in °F)												
			90°F	100°F	110°F	120°F	130°F	140°F	150°F	160°F	170°F	180°F	190°F	200°F	210°F
 ◇ TWO SUPPLIES PARALLEL	1◇	0.0044	130	205	290	385	460	546	637	718	813	911	1009	1113	1215
	4	0.0481	134	224*	314*	412*	516*	626*	741*	862*	976*	1115*	1249*	1386*	1526
 TOP SUPPLY BOTTOM RETURN	1	0.0088	101	165*	226*	289*	356*	426*	498*	572*	647*	725*	805*	885*	970
	4	0.0962	142	201*	271*	341*	415*	492*	569*	648*	728*	811*	894*	979*	1064
 BOTTOM SUPPLY TOP RETURN	1	0.0088	99	162	221	283	349	418	488	561	634	710	788	867	957
	4	0.0962	135	195	259	305	380	464	552	634	710	793	874	959	1039
 BOTTOM SUPPLY NO RETURN	1	0.0044	75	127	169	208	260	311	362	408	470	524	576	629	685
	4	0.0481	85	140	203	265	334	410	472	536	599	662	723	788	850

**Performance Notes:** All ratings include a 15% heating effect factor • Materials of construction include all aluminum "patented" fins at 47.3 per LF, mechanically bonded to two 3/4" (075) type L copper tubes ("Coil Block") covered by a 20 gauge perforated, painted cover all mounted to a backplate. Please see dimensional drawing for fin shape and dimensions • EAT=65°F • Pressure drop in feet of H<sub>2</sub>O per LF.

◇ **Installation Notes:** HE2's unique design allows performance outputs exceeding those of traditional single pipe baseboard designs. When installed with a parallel supply connection it is recommended that a minimum flow rate of 1.5 gpm be maintained to maximize efficiency and performance.



\* Where marked (\*) Heating Edge (HE2) output is based on performance tests witnessed by BSRIA. The test data can be verified on the BSRIA website (report 55944/2). This includes calibration information. The catalogue data above is presented in accordance with the American IBR laboratory testing protocol for baseboard heating. This allows a 15% heating effect factor to be applied to the test values.



**HIGH EFFICIENCY PERIMETER HEATING EQUIPMENT  
SUBMITTAL ACCESSORY AND INSTALATION PAGE**

**MODEL: HE2**

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Architect \_\_\_\_\_ Engineer \_\_\_\_\_ Sheet \_\_\_\_\_ Of \_\_\_\_\_


Contractor \_\_\_\_\_ Order Number \_\_\_\_\_

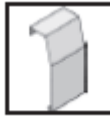
Submitted by \_\_\_\_\_


**ACCESSORIES**

Qty. \_\_\_\_\_  **HE-TK** The trim kit includes the cover, the back plate and starter strip  
Available lengths: 2' 3' 4' 5' 6' 7' 8'


Qty. \_\_\_\_\_  **IC90W**  
90° inside corner

Qty. \_\_\_\_\_  **OC90W**  
90° outside corner

Qty. \_\_\_\_\_  **SW**  
Splicer  
2", 3", 4", 6"

Qty. \_\_\_\_\_  **IC135W**  
135° inside corner

Qty. \_\_\_\_\_  **OC135W**  
135° outside corner

Qty. \_\_\_\_\_  **EC12W**  
12" end cap  
left or right

Qty. \_\_\_\_\_  **EC6W**  
6" end cap  
left or right

Qty. \_\_\_\_\_  **HE-EO Element Only: 3/4" Copper Core Only.**  
Available lengths: 2' 3' 4' 5' 6' 7' 8'

**INSTALLATION DIAGRAM**

