

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

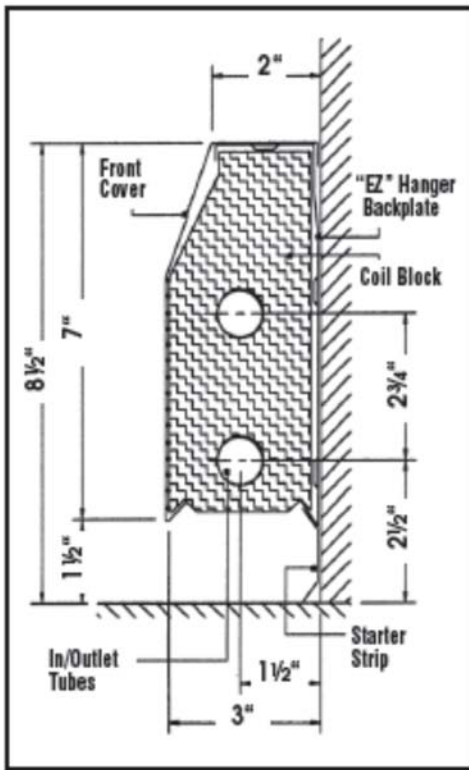
MODEL: HE2

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:

- 22 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 M

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

Name of job and location _____ Date _____

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SPECIFICATIONS

Heating Edge™ Hot Water Performance Ratings	Flow Rate GPM	PD In ft of H ₂ 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 M copper tubes ("Coil Block") covered by a 22 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 H₂O 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

Name of job and location _____ Date _____


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Contractor _____ Order Number _____

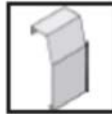
Submitted by _____


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

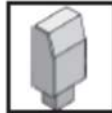
Qty. _____  **OC90W**
90° outside corner

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

