



### HIGH EFFICIENCY PERIMETER HEATING EQUIPMENT SUBMITTAL DATA PAGE

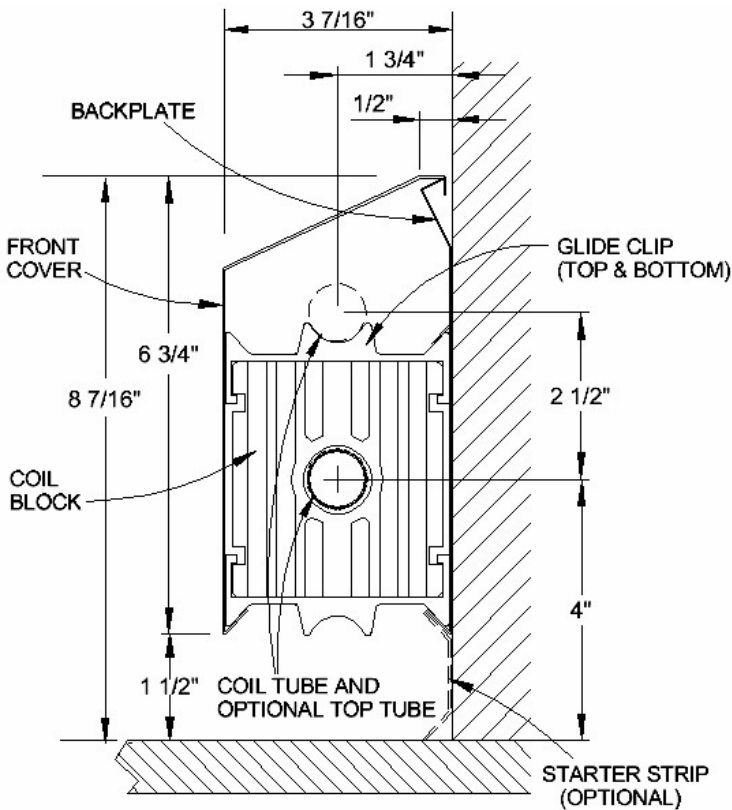
MODEL: HE3 Silent Fin™

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

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

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

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



#### HE3 Silent Fin™ SPECIFICATIONS

HE3 CONSISTS OF:

- Coil Block
- Glide Clip with pipe cradle
- Back Plate
- Perforated Cover
- Starter Strip (Optional)

LENGTHS: 2' – 8' in 12" increments

FRONT COVER, BACK PLATE AND STARTER STRIP:

- 22 Gauge

FINISH - COVER:

- 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:

- One Tube

FIN SIZE:

- 3-17/32"H X 3-5/32" W - .020" Aluminum

FIN TYPE:

- Embossed for increased turbulence
- Notched for Glide Clips

FINS PER FOOT

- 51 FPF

PIPING CONFIGURATIONS

- Single pipe no return
- Molded Glide Clip cradle may be used to support return pipe if required

#### 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: HE3 Silent Fin™**

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

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

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

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

### SPECIFICATIONS

	Entering Water Temperature (BTU/hr/ft @EWT 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
	32 °C	38 °C	43 °C	49 °C	54 °C	60 °C	66 °C	71 °C	77 °C	82 °C	88 °C	93 °C	99 °C
1USGPM	117*	189	261*	342	423*	500	576*	686	795*	888	980*	1080	1179*
2USGPM	141*	201	262*	362	463*	560	657*	750	843*	928	1012*	1110	1208*
4USGPM	143*	220	296*	382	468*	566	665*	791	917*	1020	1123*	1230	1337*

\* Where marked (\*) Heating Edge HE3 Silent Fin' output is based on performance tests undertaken by BSRIA.

The test data can be verified on the BSRIA website (report 58930/1). This includes calibration information.

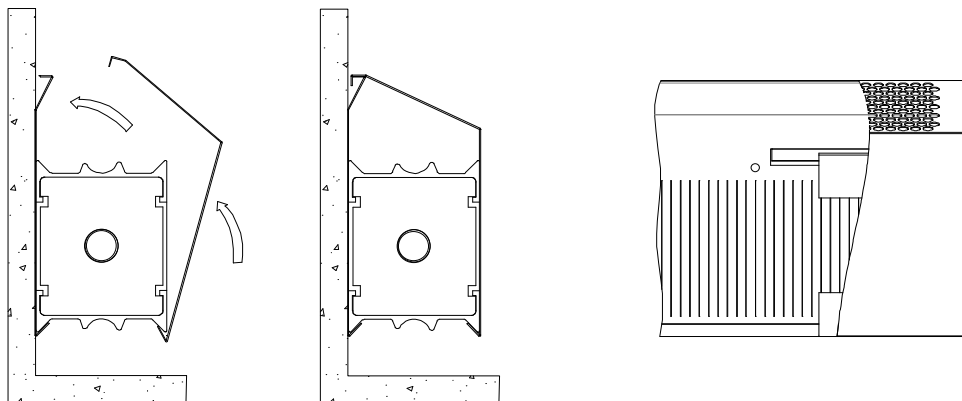
The catalogue data above is presented in accordance with the American IBR laboratory testing protocol for baseboard heating. This allows a 15% heating effect factor to be applied to the test values.



	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
	32 °C	38 °C	43 °C	49 °C	54 °C	60 °C	66 °C	71 °C	77 °C	82 °C	88 °C	93 °C	99 °C
1USGPM	121	192	273	357	438	518	608	728	837	933	1035	1139	1233
2USGPM	143	205	270	380	480	578	675	771	864	950	1038	1140	1240
4USGPM	147	224	302	394	482	581	681	808	932	1036	1142	1245	1352

The Average Water Temperatures are interpolated by factory based on BSRIA test data.

### INSTALLATION DIAGRAM



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

**MODEL: HE3 Silent Fin™**

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

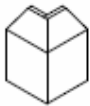
Architect \_\_\_\_\_ Engineer \_\_\_\_\_ Sheet \_\_\_\_\_ Of \_\_\_\_\_

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

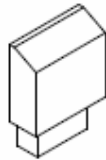
Submitted by \_\_\_\_\_

### ACCESSORIES

90° Outside Corner  
HE3-OC90W



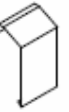
Adjustable 6"  
Valve Box L/H  
HE3-AC6WL



Adjustable 6"  
Valve Box R/H  
HE3-AC6WR



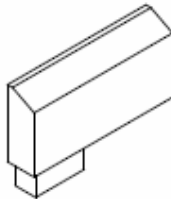
Join Spacer  
2" HE3-2SW  
3" HE3-3SW  
4" HE3-4SW  
6" HE3-6SW  
12" HE3-12SW



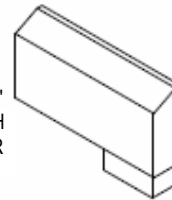
90° Inside Corner  
HE3-IC90W



Adjustable 12"  
Valve Box L/H  
HE3-EC12WL



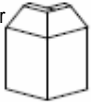
Adjustable 12"  
Valve Box R/H  
HE3-EC12WR



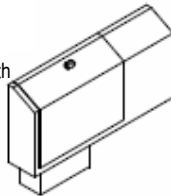
Wall Bracket L/H  
HE3-WEBL



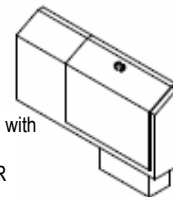
135° Outside Corner  
HE3-OC135W



Adjustable 12"  
Valve Box L/H with  
Access Panel  
HE3-ACAP12L



Adjustable 12"  
Valve Box R/H with  
Access Panel  
HE3-ACAP12R



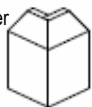
Wall Bracket R/H  
HE3-WEBR



135° Inside Corner  
HE3-IC135W



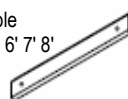
110° Outside Corner  
HE3-OC110W



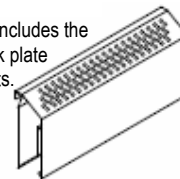
110° Inside Corner  
HE3-IC110W



Starter Strip Available  
Lengths 1' 2' 3' 4' 5' 6' 7' 8'



HE-TK The trim kit includes the  
front cover, the back plate  
and internal supports.  
Available Lengths  
1' 2' 3' 4' 5' 6' 7' 8'



Glide Clip

