OCS Industries

www.ocsind.com

A Division of the CIDC Corporation

Heat Transfer Specialists
SINCE 1917

WE CONSTANTLY MANUFACTURE FOR STOCK
ANTICIPATING YOUR NEEDS

WE KEEP THE
LARGEST INVENTORY IN THE NATION

Phone: 718.338.5111
E-Mail: orders@ocsind.com
info@ocsind.com • ocsind@optonline.net

Cast Iron Radiation, Convectors and Much More

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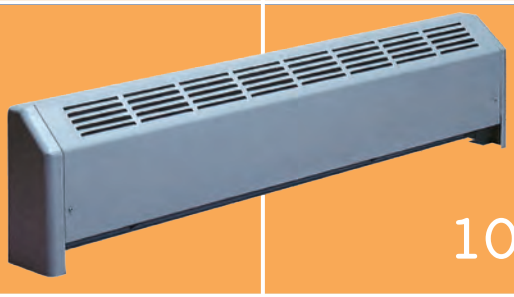
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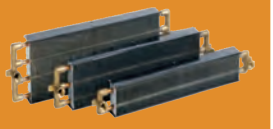
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Dear Valued Customer,

OCS Industries takes pride in the fact that it has been the convector and cast iron radiator source since 1917, with millions of satisfied homeowners enjoying the quality and durability of our products for more than 80 years.

We reiterate our continuted commitment to quality, price, and outstanding service to you, our valued customers. We look forward to serving you for another eight decades.

Wishing you continued success.

O.C.S.

tel: **718.338.5111** fax: **718.338.8529** website: **www.ocsind.com**

Cast Baseboard

DURABLE CAST IRON BASEBOARD

DIMENSIONS • RATINGS

IBR Ratings

BTU/HR/FT

WATER FLOW	1 G.P.M. 500 LBS/HR	4 G.P.M. 2000 LBS/HR
PRESS, DROP ENT/EXIT	98.2*	582.4*
PRESS, DROP PER/FT ADDT'L	23.2*	411.8*
150˚F	370	390
160˚F	440	470
170˚F	500	530
180˚F	570	600
190˚F	640	680
200˚F	700	740
210˚F	770	810
215˚F	800	850
220˚F	830	880

*MILLINCHES
STEAM RATING 780 BTU/HR/FT (3.25 SQ FT EDR)
MAXIMUM ALLOWABLE WORKING PRESSURE -
30 PSI, WATER: 15 PSI, STEAM.
NOTE: THE PRESSURE DROP MUST BE SEPARATELY CALCULATED FOR EACH INDIVIDUAL ASSEMBLY

WATER CONTENT 0.3 GALLONS PER LINEAR FOOT.

Cast Baseboard

	WEIGHT/LB. PER FT. Approx.
Cast Iron Base Board PER LINEAR FT.	17

Accessories

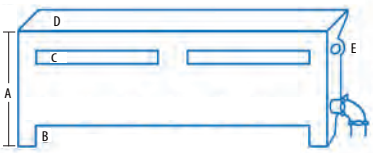
	PART #
Valve Enclosures (Inter, Right or Left)	BVE
Dummy Covers per foot	BDC4
4" End Cap (Right)	BECR4
4" End Cap (Left)	BECL4
6" End Cap (Right)	BECR6
6" End Cap (Left)	BECL6
Inside Corner	BIC
6" Flexible Connector	FLEX6
9" Flexible Connector	FLEX9
¾" Push Nipples	BPN34
¾" Vent Plugs	BVP34
Tie Bolts with Nuts	BTB
Top or Bottom Support	BTS
CastSlope Assembly Tool	BAT

THE CAST BASEBOARD WITH ITS UNIQUE INTEGRAL CAST FIN DESIGN MAKES FOR HIGH EFFICIENCY AND MAXIMUM OUTPUT.

YOUR GUARANTEE OF PERFORMANCE. NARROW TRIM LINES ALLOWS UNIT TO BLEND WITH ANY DECOR.

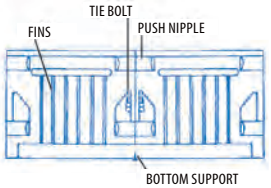
Dimensions

FRONT VIEW



A	9 7/8	HEIGHT
B	1 1/8	INLET
C	7/8	OUTLET
D	2 7/16	DEPTH
E	¾	TAPPINGS

BACK VIEW



Assembly Information

Part #		1½FT.	2FT.	2½FT.	3 FT.	3½FT	4 FT.	4½FT.	5 FT.	5½FT.	6 FT.
BAR1	12" R.H.			◆					◆		
BAL112	18" L.H.			◆	◆	◆		◆		◆	
BAP112	18" PANEL	◆						◆			◆
BAR2	24" R.H.					◆	◆			◆	◆
BAL2	24" L.H.				◆		◆		◆		◆
BAC2	24" INTER							◆	◆	◆	
BAP2	24" PANEL		◆								

NOTE: For additional part numbers of other baseboard assemblies refer to master Part# list

Installation of panels longer than 24" requires push nipples, adhesive and nuts & bolts to be applied wherever sections meet. A special assembly tool is available. Installation of panels 6 ft. or longer requires top or bottom support.

NOTE: I=B=R ratings are determined from tests made in accordance with the I=B=R testing and rating code for baseboard type radiation, including an allowance of 15% for heating effect permitted by the code.

Standard flow rate of 500 lbs. (1 gpm) per hour must be used.

Rating based on active length. Active length same as total length.

Cast Tube Slenderized

DURABLE CAST IRON RADIATORS

Cast Tube

FREE STANDING CAST IRON RADIATORS

	WEIGHT/LB. PER SECTION Approx.
Cast Tube 4 x 19	7¼
Cast Tube 4 x 25	8½
Cast Tube 6 x 25	13¾

ACCESSORIES	PART #
1" Push Nipples	TPN1
1" Plug	TP1
1 ¼" Plug	TP114
2" Pedestal	PED2
3" Pedestal	PED3

Ratings SQ. FT./EDR

	NO. OF SECTIONS	LENGTH 1¾" PER SECTION	19" HEIGHT 1.6SQ.FT. PER SECTION		25" HEIGHT 2.0 SQ.FT. PER SECTION		25" HEIGHT 3.0 SQ.FT. PER SECTION	
STOCK	4	7.0"	6.4"	T4194	8	T4254	12	T6254
	6	10.5"	9.6"	T4196	12	T4256	18	T6256
	8	14.0"	12.8"	T4198	16	T4258	24	T6258
	10	17.5"	16.0"	T41910	20	T42510	30	T62510
	12	21.0"	19.2"	T41912	24	T42512	36	T62512
	14	24.5"	22.4"	T41914	28	T42514	42	T62514
	16	28.0"	25.6"	T41916	32	T42516	48	T62516
	18	31.5"	28.8"	T41918	36	T42518	54	T62518
	20	35.5"	32.0"	T41920	40	T42520	60	T62520
	22	38.5"	35.2"	T41922	44	T42522	66	T62522
	24	42.0"	38.4"	T41924	48	T42524	72	T62524
	26	45.5"	41.6"	T41926	52	T42526	78	T62526
	28	49.0"	44.8"	T41928	56	T42528	84	T62528
	30	52.5"	48.0"	T41930	60	T42530	90	T62530
	32	56.0"	51.2"	T41932	64	T42532	96	T62532
SPECIAL ORDER	34	59.5"	54.4"	T41934	68	T42534	102	T62534
	36	63.0"	57.6"	T41936	72	T42536	108	T62536
	38	66.5"	60.8"	T41938	76	T42538	114	T62538
	40	70.0"	64.0"	T41940	80	T42540	120	T62540
	42	73.0"	67.2"	T41942	84	T42542	126	T62542
	44	77.0"	70.4"	T41944	88	T42544	132	T62544

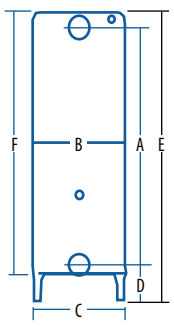
NOTE: HEAT EMISSION - BASED ON 240 BTU (STEAM) PER SQUARE FOOT PER HOUR

MAXIMUM WORKING PRESSURE: 15 LBS. STEAM, 30 LBS. WATER

AV. WATER TEMP. IN RADIATOR	220°	215°	210°	200°	190°	180°	170°	160°	150°
HEAT EMISSION BTU PER SQ. FT.	250	240	230	210	190	170	150	130	110

4x19	0.08 Gallons Per Section
4x25	0.12 Gallons Per Section
6x25	0.17 Gallons Per Section

Dimensions



SIZE	A	B&C	D	E	*F
4x19	15 7/16"	4½"	2 11/16"	19"	17 13/16"
4x25	21 7/16"	4½"	2 11/16"	25"	23 13/16"
6x25	21 7/16"	6 7/8"	2 11/16"	25"	23 13/16"

* LEGLESS - OVERALL HEIGHT. TAPPING - TOP-1" BOTTOM-1¼"

ADD ½" TO LENGTH FOR EACH BUSHING.

END SECTION REGULARLY SUPPLIED WITH 1" TOP TAPPING AND 1¼" BOTTOM TAPPINGS.

NOTE: CAST TUBE RADIATORS ARE SOLD IN EVEN * NUMBER OF SECTIONS UP TO A MAXIMUM OF 44 SECTIONS. FOR ASSEMBLIES FROM 26 TO 44 SECTIONS, ONE EXTENDED CENTER LEG SECTION IS FURNISHED.

ODD SIZES AVAILABLE UPON REQUEST

Wall Hung Slenderized

LEGLESS CAST IRON RADIATORS

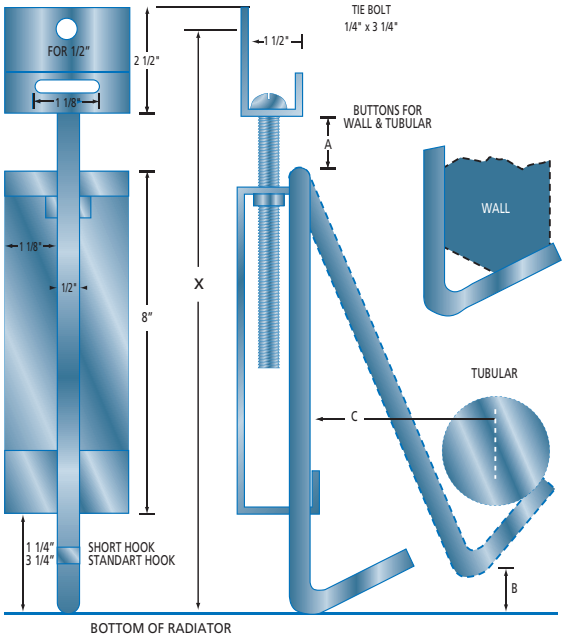
	WEIGHT / LBS. PER SECTION
4x19	7¼"
4x25	8½"

- For Part #'s refer to master Part # List
- 4x19 or 4x25 Wall Hung Radiators are available 4 thru 44 sections
- For Ratings & Dimensions see page 4
- Odd sizes pavailable upon request

4 x 19 or 4 X 25
With No Legs

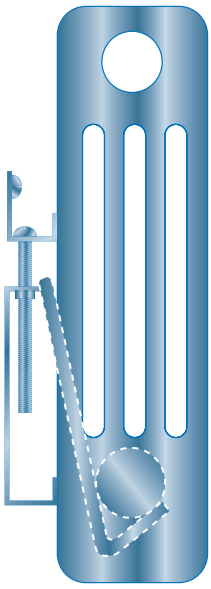
ADJUSTABLE RADIATOR BRACKETS

Dimensions



Wall Hung Heavy Duty Brackets

PART #	SHIPPING WEIGHT / LBS.
BWH1	3 LBS



CastRay 5 x 20

DURABLE CAST IRON RADIATORS

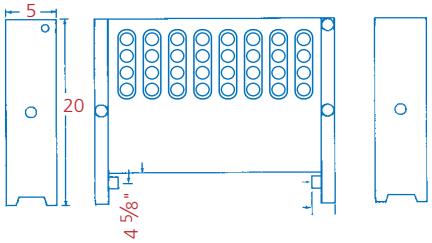
COMBINES CONVECTION WITH RADIANT HEAT!

CastRay

	WEIGHT/LB. PER SECTION Approx.
Cast Iron Radiators with snap on grill	14

ACCESSORIES	PART #
Snap on Grill (per section when ordered separately)	RGR
1" Push Nipples	TPN1

Specifications



○ ALL AIR VENT TAPPINGS 1/8" □ ALL BOTTOM TAPPINGS 1 1/4"

NOTE:
CUT OUT FOR RECESS SHOULD BE 1/2" LONGER AND 1/4" HIGHER THAN RADIATOR

MAXIMUM WORKING PRESSURE:
15 LBS. STEAM, 30 LBS. WATER

ODD SIZES AVAILABLE ON REQUEST

WATER VOLUME PER SECTION
0.15 GALLONS

Customized Features

- Sanitized Heat
- Evenly Circulated Heat
- Consistent Heat Retention
- Cast Iron Durability
- Perfect for Remodeling
- Can be Recessed*

Ratings

	SIZE / NO. OF SECTIONS	PART NUMBER	OVERALL LENGTH	FREE STANDING RATING SQ. FT* APPROX.
STOCK	4	R04	9	9.0
	6	R06	13½	13.5
	8	R08	18	18.0
	10	R10	22½	22.5
	12	R12	27	27.0
	14	R14	31½	31.5
	16	R16	36	36.0
	18	R18	40½	40.5
	20	R20	45	45.0
	22	R22	49½	49.5
	24	R24	54	54.0
	26	R26	58½	58.5
	28	R28	63	63.0
	30	R30	67½	67.5
	32	R32	72	72.0
SPECIAL ORDER	34	R34	76½	76.5
	36	R36	81	81.0
	38	R38	85½	85.5
	40	R40	90	90.0
	42	R42	94½	94.5
	44	R44	99	99.0

ODD SIZES AVAILABLE UPON REQUS

***IMPORTANT NOTE:** 10%–15% SHOULD BE ADDED TO ROOM REQUIREMENTS AND 20% WHEN UNIT IS RECESSED BEFORE SELECTING RADIATOR SIZE.

*RATING PER SECTION 2.25 ⏍
RATING ° 2.25 x NO. OF SECTIONS
APPROXIMATE SHIPPING WEIGHT ⏍ PER 5.1 LBS.

tel: **718.338.5111** fax: **718.338.8529** website: **www.ocsind.com**

Cleopatra

ELEGANT, DURABLE CAST IRON RADIATOR

Ratings

NUMBER OF SECTIONS	PART NUMBER	OVERALL LENGTH	RATING SQ. FT. EDR
4	CLEO4	12.25	12.28
6	CLEO6	18.38	18.42
8	CLEO8	24.50	24.56
10	CLEO10	30.88	30.70
12	CLEO12	36.72	38.84
14	CLEO14	42.84	42.98
16	CLEO16	48.96	49.12
18	CLEO18	55.08	55.26
20	CLEO20	61.20	61.40

MAXIMUM WORKING PRESSURE: 15 PSI STEAM, 30 PSI WATER
• WATER CONTENT - 0.62 GAL/SECTION

Per Section

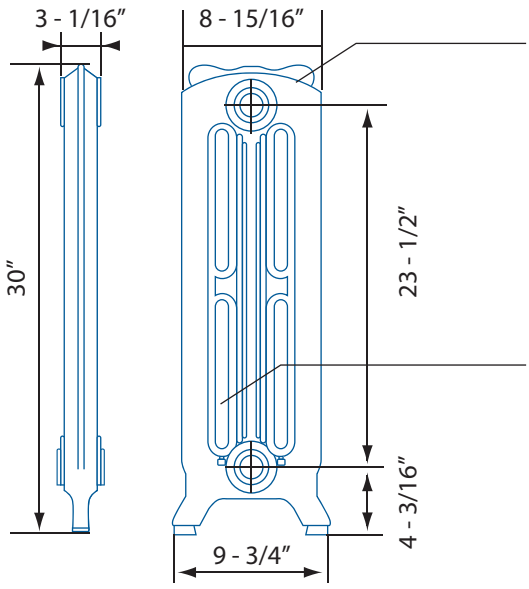
Square Ft. - EDR	3.07
Water Output BTU/H (180° F Avg. Temp.)	521
Steam Output BTU/H (215° F Avg. Temp.)	736
Shipping Weight	26 LBS.

Accessories

ITEM	PART #
1-1/4" Threaded Push Nipples	CLEOSB114
1-1/4" Special Gasket	CLEOG114

Dimensions

- All Steam Vent Tappings 1/8" NPT
- Pipe Tappings 1" NPT top. 1 - 1/4 bottom



1" NPT TOP
pipe connection
bottom 1-1/4

1/8" female NPT
(steam, vent)

Convector Cabinets

TYPE FBS • 20" & 24" HIGH

TYPE FBS

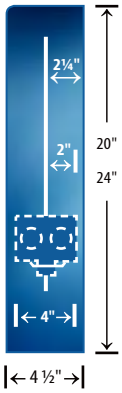
FBS Cabinets with rounded corners is similar to type "F" except that a lower air intake grille has been added. The lower flange permits one to mount this cabinet on the rough floor, if desired, without interfering with the front panel.

CABINET LENGTHS AND DEPTHS
1/2" LONGER THAN NOMINAL

CUSTOMIZED HEIGHT & DEPTHS AVAILABLE UPON REQUEST

4" Cabinet

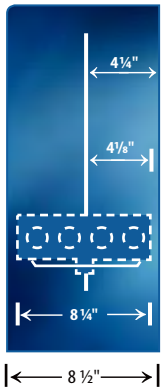
	PART #	APPX. WT.
4"	C416	12
	C420	14
	C424	16
	C428	18
	C432	20
	C436	22
	C440	24
	C444	26
	C448	28
	C452	30
	C456	32
	C460	34
	C464	36



8" Cabinet

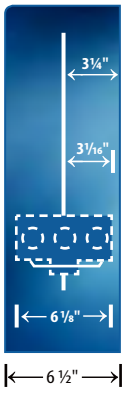
	PART #	APPX. WT.
8"	C816	14
	C820	18
	C824	20
	C828	24
	C832	28
	C836	32
	C840	46
	C844	40
	C848	44
	C852	48
	C856	52
	C860	56
	C864	60

PRICE PER QUOTE ONLY



6" Cabinet

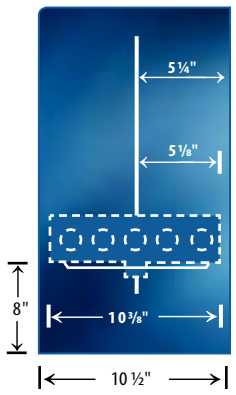
	PART #	APPX. WT.
6"	C616	13
	C620	16
	C624	18
	C628	21
	C632	24
	C636	27
	C640	30
	C644	33
	C648	36
	C652	39
	C656	42
	C660	45
	C664	48



10" Cabinet

	PART #	APPX. WT.
10"	C1016	16
	C1020	20
	C1024	22
	C1028	27
	C1032	32
	C1036	37
	C1040	42
	C1044	47
	C1048	52
	C1052	57
	C1056	62
	C1060	67
	C1064	72

PRICE PER QUOTE ONLY



STANDARD GAUGES:
18 front & top, 20 side & back

NOTE: Cabinet Type FBS, STOCK ITEM
Prices for cabinet types
F • W • SW • S • SF • SFB • R • RB • SB
per quote only (see page 9)

Accessories

- Access Door with Knob Cam Lock
- Knob Operated Dampers
- Knockouts or Hole for Piping
- 1/2" Rigid Insulation
- Extra Grill in Backshield

Customized Cabinet Types

DESCRIPTIONS

DIMENSIONS

Type **F**

May be installed either fully exposed or semi-recessed. When used recessed make recess 1/2" longer than the overall length and 1/4" higher than cabinet height.

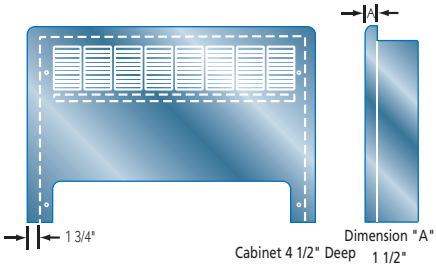
Type **SF**

Similar in design to the "F" type except that the outlet grille is located in the sloping top, and must be used fully exposed only.

Type **SFB**

Similar in design to the "SF" type except that a lower grille has been added.

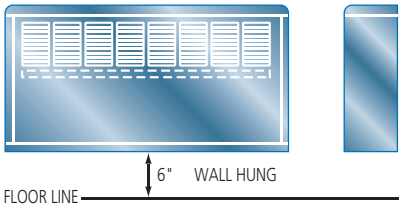
Type **S**



	Dimension "A"
Cabinet 4 1/2" Deep	1 1/2"
Cabinet 6 1/2" Deep	3 1/2"
Cabinet 8 1/2" Deep	5 1/2"
Cabinet 10" Deep	7 1/2"

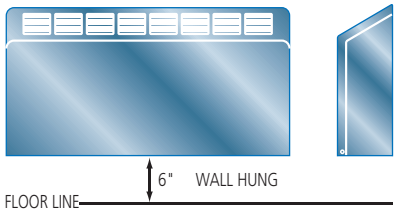
Semi-recessed with 3 sided overlap– top and ends

Type **W**



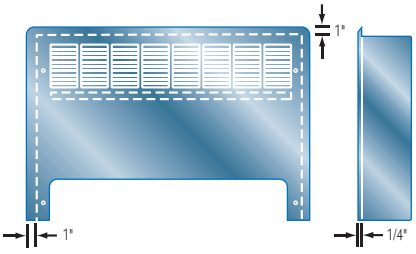
Designed for those installations where a floor standing installation is not feasible.

Type **SW**



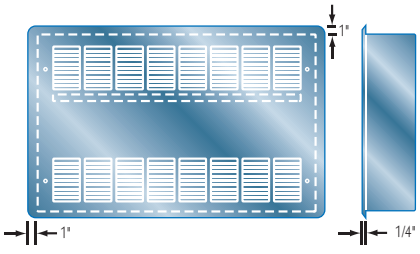
Identical to the "W" type except that there is a sloping top and the outlet grille is located in the top rather than in the front panel.

Type **R**



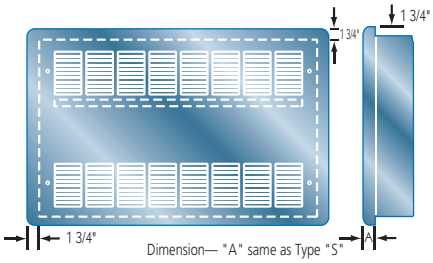
Fully recessed type with 3 sided overlap– top and ends.

Type **RB**



Fully recessed type except that a lower grille has been added, with 4 sides overlap, also available with 3 sided overlap– top and ends.

Type **SB**



Semi-recessed except that a lower grille has been added, with 4 sides overlap, also available with 3 sided overlap– top and ends

All cabinets come standard with 18 front & top gauges and 20 side & back gauges.

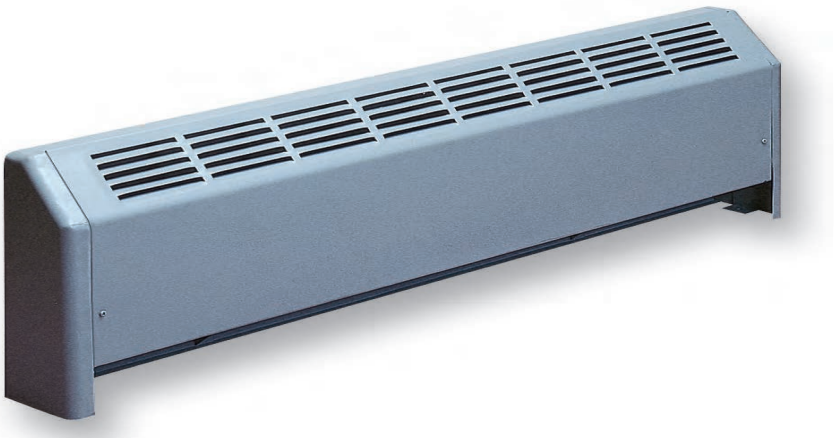
Most cabinets available with knob dampers, access doors and 1/2" rigid insulation.

Available In 16 Gauge For Institutional Applications in all depths, lengths & heights

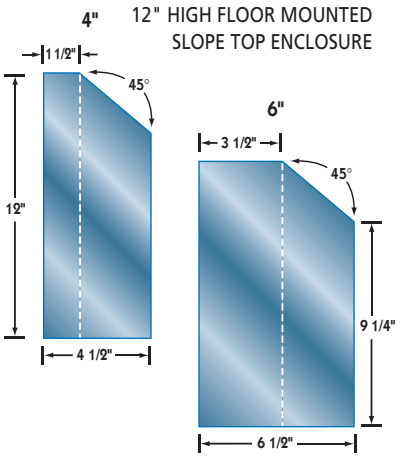
Base Vector

CABINETS & ELEMENTS

DIMENSIONS • RATINGS



Dimensions



Ratings

CABINET HEIGHT 12"

	LENGTH	4" DEEP	6" DEEP
180°F A.W.T. MBH (1000 BTUh) Hot Water 20°F Temp. Diff.	24"	1.9	2.6
	36"	2.9	4.1
	48"	3.9	5.6
	60"	5.1	7.1
	72"	6.1	8.6
	84"	7.2	10.1
	96"	8.3	11.6
	108"	9.3	13.1
	120"	10.4	14.7
190°F A.W.T. MBH (1000 BTUh) Hot Water 20°F Temp. Diff.	24"	2.0	2.8
	36"	3.2	4.5
	48"	4.3	6.1
	60"	5.5	7.7
	72"	6.7	9.4
	84"	7.8	11.1
	96"	9.1	12.7
	108"	10.2	14.3
	120"	11.4	16.0
200°F A.W.T. MBH (1000 BTUh) Hot Water 20°F Temp. Diff.	24"	2.2	3.1
	36"	3.4	4.9
	48"	4.7	6.6
	60"	6.0	8.4
	72"	7.3	10.2
	84"	8.5	12.0
	96"	9.8	13.8
	108"	11.1	15.6
	120""	12.34	17.44
Steam Capacities Sq. Ft. – EDR 65°F Entering Air	24"	11.5	16.0
	36"	18.0	25.5
	48"	24.5	34.5
	60"	31.5	44.0
	72"	38.0	53.5
	84"	44.5	63.0
	96"	51.5	72.0
	108"	58.0	81.5
	120"	64.5	91.0

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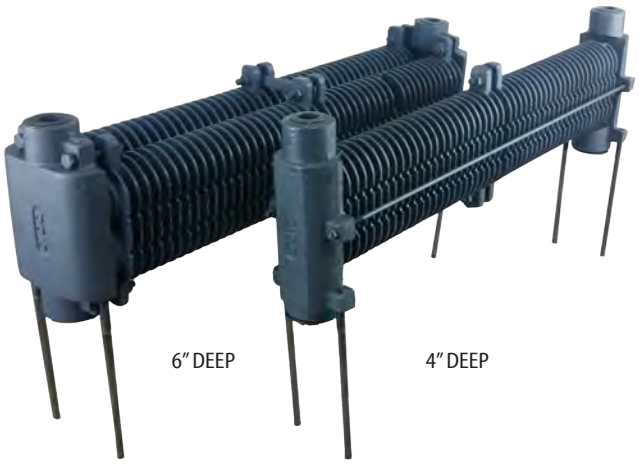
Convector Elements

CAST IRON

DIMENSIONS • RATINGS



Dimensions

	ELEMENT PART #	"L" DIMENSION	"C-C" DIMENSION	APPROX. WEIGHT/LBS.
4"	CI 419	19"	16¾"	27½
	CI 423	23"	20¾"	31½
	CI 427	27"	24¾"	35½
	CI 431	31"	28¾"	41½
	CI 435	35"	32¾"	45
	CI 439	39"	36¾"	49½
	CI 443	43"	40¾"	54½
	CI 447	47"	44¾"	63
	CI 455	55"	52¾"	71
	CI 463	63"	60¾"	81
6"	CI 619	19"	16 ¾"	53
	CI 623	23"	20¾"	59
	CI 627	27"	24¾"	71
	CI 631	31"	28¾"	79
	CI 635	35"	32¾"	93
	CI 639	39"	36¾"	97
	CI 643	43"	40¾"	103
	CI 647	47"	44¾"	116
	CI 655	55"	52¾"	131
	CI 663	63"	60¾"	153

CUSTOMIZED ELEMENT LENGTHS AVAILABLE UPON REQUEST

Ratings

		CABINET HEIGHT 20"		CABINET HEIGHT 24"	
	LENGTH	4" DEEP	6" DEEP	4" DEEP	6" DEEP
180°F A.W.T. MBH (1000 BTUh) Hot Water	19"	1.5	2.3	1.8	2.6
	23"	1.9	2.7	2.1	3.1
	27"	2.3	3.4	2.5	3.7
	31"	2.5	4.0	2.7	4.2
	35"	2.7	4.6	2.9	4.9
	39"	3.1	5.2	3.2	5.5
	43"	3.5	5.7	3.8	6.0
	47"	4.1	6.4	4.6	6.7
	55"	4.9	7.7	5.4	8.0
	63"	5.7	9.0	6.2	9.3
190°F A.W.T. MBH (1000 BTUh) Hot Water	19"	1.6	2.5	2.0	2.9
	23"	2.0	3.0	2.3	3.4
	27"	2.3	3.8	2.7	4.1
	31"	2.7	4.3	3.1	4.7
	35"	3.1	5.0	3.4	5.4
	39"	3.4	5.8	3.9	6.2
	43"	4.0	6.3	4.4	6.7
	47"	4.5	7.0	5.0	7.4
	55"	5.4	8.5	5.9	8.8
	63"	6.3	9.9	6.8	10.3
200°F A.W.T. MBH (1000 BTUh) Hot Water	19"	1.8	2.8	2.2	3.2
	23"	2.2	3.3	2.6	3.7
	27"	2.6	4.1	3.0	4.5
	31"	3.0	4.7	3.3	5.1
	35"	3.3	5.5	3.7	5.9
	39"	3.7	6.3	4.2	6.7
	43"	4.3	6.9	4.8	7.3
	47"	4.9	7.7	5.5	8.0
	55"	5.9	9.3	6.5	9.7
	63"	6.9	10.8	7.5	11.2
215°F Steam Capacities EDR	19"	9.0	14.0	11.0	16.0
	23"	11.0	17.0	13.0	19.0
	27"	13.0	21.0	15.0	23.0
	31"	15.0	24.0	17.0	26.0
	35"	17.0	28.0	19.0	30.0
	39"	19.0	32.0	21.5	34.0
	43"	22.0	35.0	24.5	37.0
	47"	25.0	39.0	28.0	41.0
	55"	30.0	47.0	33.0	49.0
	63"	35.0	55.0	38.0	57.0

IMPORTANT NOTE: 10-15% SHOULD BE ADDED TO ROOM REQUIREMENTS CABINET TYPES– FBS, SF, SFB, R, RB, S, SB, W, SW. (Nominal Heights 20"–24").

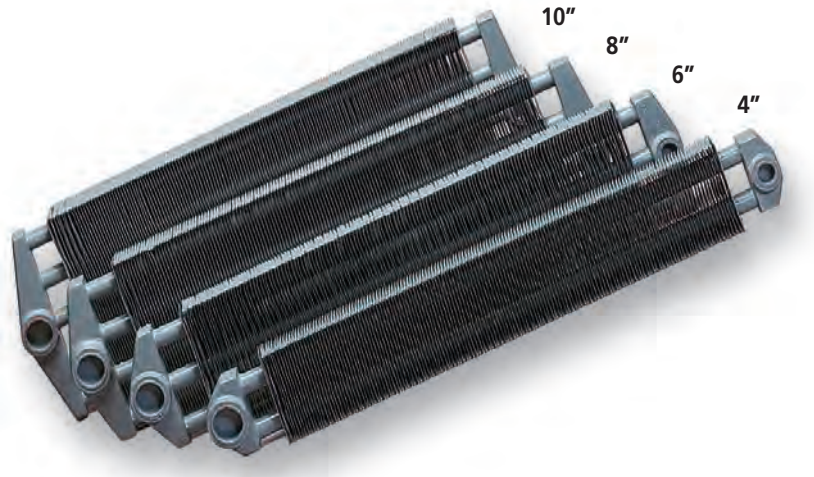
Convector Elements

STEEL

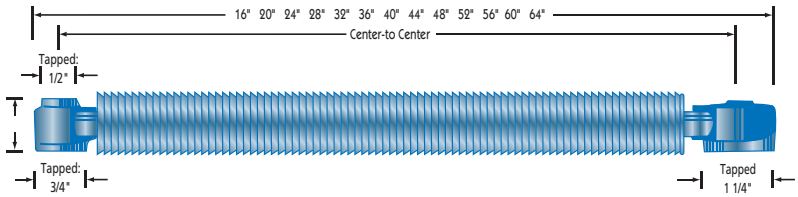
DIMENSIONS • RATINGS

Ratings

	ELEMENT PART #	*EDR RATING	APPROX. WT./LBS.
4"	SE 416	9.0	4
	SE 420	12.0	5¼
	SE 424	14.5	6½
	SE 428	17.5	7¾
	SE 432	20.5	9
	SE 436	23.0	10¼
	SE 440	26.0	11½
	SE 444	29.0	12¾
	SE 448	32.0	14
	SE 452	35.0	15¾
	SE 456	37.5	16 ½
	SE 460	40.5	17¾
	SE 464	43.0	19
6"	SE 616	13.5	6½
	SE 620	18.0	7¾
	SE 624	22.0	9¾
	SE 628	26.0	10¼
	SE 632	30.5	11½
	SE 636	35.0	12¾
	SE 640	39.0	14
	SE 644	43.5	15¼
	SE 648	48.0	16½
	SE 652	52.0	17¾
	SE 656	56.5	19
	SE 660	60.5	20¼
	SE 664	65.0	21½
8"	SE 816	16.0	9
	SE 820	21.0	10¼
	SE 824	26.5	12½
	SE 828	31.5	14½
	SE 832	36.5	16
	SE 836	42.0	17¾
	SE 840	47.0	19¾
	SE 844	52.0	21¼
	SE 848	57.0	23
	SE 852	62.5	24¾
	SE 856	67.5	26½
	SE 860	72.5	28¼
	SE 864	78.0	30
10"	SE 1016	19.0	11
	SE 1020	25.0	13
	SE 1024	31.0	15
	SE 1028	37.0	17
	SE 1032	43.0	19
	SE 1036	49.0	21
	SE 1040	55.0	23
	SE 1044	61.0	25
	SE 1048	67.0	27
	SE 1052	72.0	29
	SE 1056	79.0	31
	SE 1060	85.0	33
	SE 1064	91.0	35



Element Lengths 1/2" shorter then nominal



NOTE: CUSTOMIZED LENGTHS UP TO 120" LONG ARE AVAILABLE
ELEMENTS MAY BE SQUEEZED TO REDUCE THE DEPTH SIZE
ASSORTED HEADERS AVAILABLE

NOMINAL LENGTH	OVERALL LENGTH	"C-C" DIMENSIONS
16"	15 1/2	13 11/16
20"	19 1/2	17 11/16
24"	23 1/2	21 11/16
28"	27 1/2	25 11/16
32"	31 1/2	29 11/16
36"	35 1/2	33 11/16
40"	39 1/2	37 11/16
44"	43 1/2	41 11/16
48"	47 1/2	45 11/16
52"	51 1/2	49 11/16
56"	55 1/2	53 11/16
60"	59 1/2	57 11/16
64	63 1/2	61 11/16

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Convector Elements

STEEL

Steam Capacities

Sq. Ft. – EDR 65°F Entering Air

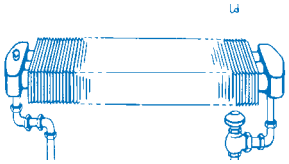
Cabinet Types- FBS, F, R, RB, S, SB,W

LENGTH	INSTALLED HEIGHT 20" 4" DEEP	6" DEEP	8" DEEP	10" DEEP	INSTALLED HEIGHT 24" 4" DEEP	6" DEEP	8" DEEP	10" DEEP
16"	8.0	13.0	15.0	18.5	9.0	13.5	16.0	19.0
20"	11.0	17.0	20.0	24.0	12.0	18.0	21.0	25.0
24"	13.5	21.0	24.5	30.0	14.5	22.0	26.5	31.0
28"	16.0	25.0	29.5	35.5	17.5	26.0	31.5	37.0
32"	18.5	29.5	34.0	41.5	20.5	30.5	36.5	43.0
36"	21.0	33.5	39.0	47.5	23.0	35.0	42.0	49.0
40"	24.0	37.5	43.5	53.0	26.0	39.0	47.0	55.0
44"	26.5	41.5	48.5	59.0	29.0	43.5	52.0	61.0
48"	29.0	45.5	53.0	65.0	32.0	48.0	57.0	67.0
52"	32.0	50.0	58.0	71.0	35.0	52.0	62.5	72.0
56"	34.5	54.0	63.0	76.5	37.5	56.5	67.5	79.0
60"	37.0	58.5	68.0	82.5	40.5	60.5	72.5	85.0
64	39.5	62.0	72.5	88.0	43.0	65.0	78.0	91.0

Piping Connections

One Pipe Steam
bottom supply

Hot Water
bottom supply
bottom return



Vapor System
top supply
bottom return

Vapor System
bottom supply
bottom return

Ratings

180°F A.W.T. MBH (1000 BTUh) Hot Water 20°F Temp. Diff.

Cabinet Types- FBS, F, R, RB, S, SB, W

LENGTH	INSTALLED HEIGHT 20" 4" DEEP	6" DEEP	8" DEEP	10" DEEP	INSTALLED HEIGHT 24" 4" DEEP	6" DEEP	8" DEEP	10" DEEP
16"	1.3	2.1	2.4	3.0	1.5	2.2	2.6	3.1
20"	1.8	2.7	3.2	3.9	1.9	2.9	3.4	4.0
24"	2.2	3.4	3.9	4.8	2.3	3.5	4.3	5.0
28"	2.6	4.0	4.8	5.7	2.8	4.2	5.1	6.0
32"	3.0	4.8	5.5	6.7	3.3	4.9	5.9	6.9
36"	3.4	5.4	6.3	7.6	3.7	5.6	6.8	7.9
40"	3.9	6.0	7.0	8.5	4.2	6.3	7.6	8.9
44"	4.3	6.7	7.8	9.5	4.7	7.0	8.4	9.8
48"	4.7	7.3	8.5	10.5	5.2	7.7	9.2	10.8
52"	5.2	8.1	9.3	11.4	5.6	8.4	10.1	11.6
56"	5.6	8.7	10.1	12.3	6.0	9.1	10.9	12.7
60"	6.0	9.4	10.9	13.3	6.5	9.7	11.7	13.7
64"	6.4	10.0	11.7	14.2	6.9	10.5	12.6	14.7

190°F A.W.T. MBH (1000 BTUh) Hot Water 20°F Temp. Diff.

Cabinet Types- FBS, F, R, RB, S, SB, W

LENGTH	INSTALLED HEIGHT 20" 4" DEEP	6" DEEP	8" DEEP	10" DEEP	INSTALLED HEIGHT 24" 4" DEEP	6" DEEP	8" DEEP	10" DEEP
16"	1.4	2.3	2.6	3.3	1.6	2.4	2.8	3.4
20"	1.9	3.0	3.5	4.2	2.1	3.2	3.7	4.4
24"	2.4	3.7	4.2	5.2	2.6	3.9	4.7	5.4
28"	2.8	4.4	5.2	6.2	3.1	4.6	5.5	6.5
32"	3.3	5.2	6.0	7.3	3.6	5.4	6.4	7.6
36"	3.7	5.9	6.9	8.4	4.1	6.2	7.4	8.6
40"	4.2	6.6	7.7	9.3	4.6	6.9	8.3	9.7
44"	4.7	7.3	8.5	10.4	5.1	7.7	9.2	10.7
48"	5.1	8.0	9.3	11.4	5.6	8.4	10.0	11.8
52"	5.7	8.8	10.1	12.4	6.1	9.1	11.0	12.6
56"	6.1	9.5	11.1	13.5	6.6	9.9	11.9	13.9
60"	6.5	10.2	11.9	14.5	7.1	10.6	12.7	14.9
64"	7.0	10.9	12.8	15.5	7.6	11.4	13.7	16.0

200°F A.W.T. MBH (1000 BTUh) Hot Water 20°F Temp. Diff.

Cabinet Types- FBS, F, R, RB, S, SB, W

LENGTH	INSTALLED HEIGHT 20" 4" DEEP	6" DEEP	8" DEEP	10" DEEP	INSTALLED HEIGHT 24" 4" DEEP	6" DEEP	8" DEEP	10" DEEP
16"	1.5	2.5	2.8	3.5	1.8	2.6	3.1	3.6
20"	2.1	3.2	3.8	4.6	2.3	3.4	4.0	4.7
24"	2.6	4.0	4.6	5.6	2.8	4.2	5.1	5.9
28"	3.1	4.8	5.6	6.7	3.4	5.0	6.0	7.1
32"	3.5	5.6	6.5	7.9	3.9	5.8	7.0	8.2
36"	4.0	6.4	7.5	9.1	4.4	6.7	8.0	9.4
40"	4.6	7.2	8.3	10.1	5.0	7.5	9.0	10.5
44"	5.1	7.9	9.3	11.3	5.5	8.3	9.9	11.7
48"	5.5	8.7	10.1	12.4	6.1	9.2	10.9	12.8
52"	6.1	9.5	10.9	13.4	6.6	9.9	11.9	13.6
56"	6.6	10.3	12.0	14.6	7.1	10.8	12.9	15.1
60"	7.1	11.1	12.8	15.6	7.6	11.4	13.8	16.1
64"	7.5	11.8	13.9	16.8	8.2	12.4	14.9	17.4

215°F Steam Capacities Sq. Ft. – EDR E.A.T.= 65°F

Cabinet Types- SF, SFB, SW (Slope Top)

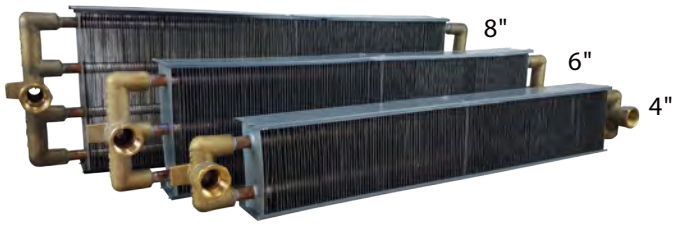
Height shown is for the "SW" Cabinet. Ratings listed above also apply to the "SF" & "SFB" cabinets which are 6" higher.

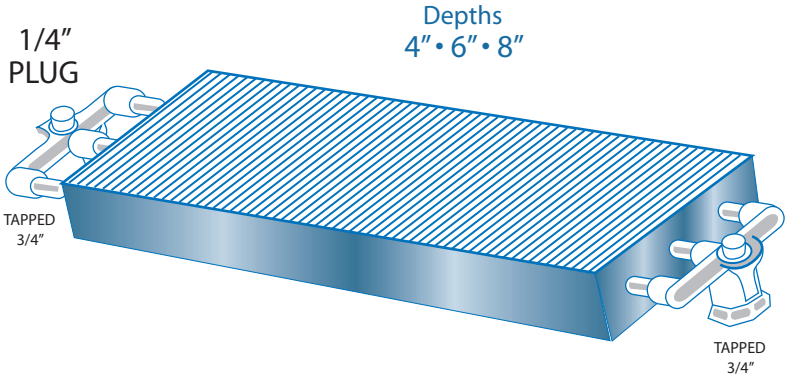
LENGTH	INSTALLED HEIGHT 20" 4" DEEP	6" DEEP	8" DEEP	10" DEEP	INSTALLED HEIGHT 24" 4" DEEP	6" DEEP	8" DEEP	10" DEEP
16"	8.5	13.5	16.0	20.1	9.0	14.5	17.0	20.0
20"	12.5	17.0	19.5	23.5	12.5	19.0	20.0	24.0
24"	15.5	21.0	24.5	30.0	16.0	23.5	25.0	29.5
28"	18.5	25.5	29.5	35.5	19.0	28.0	30.0	35.0
32"	21.5	29.5	34.0	41.5	22.0	32.5	35.0	41.0
36"	24.5	33.5	38.5	47.0	25.0	37.0	39.5	46.0
40"	27.5	37.5	43.5	53.0	28.0	41.5	44.5	54.0
44"	30.5	41.5	48.0	58.0	31.0	46.0	49.5	58.0
48"	33.5	45.5	52.5	64.0	34.0	50.5	54.0	63.5
52"	36.0	49.5	56.5	69.0	37.0	55.0	58.5	67.5
56"	39.5	53.5	62.0	75.0	40.0	59.5	63.5	74.5
60"	42.0	57.5	66.5	81.0	43.0	64.0	68.5	80.5
64"	45.0	61.5	71.5	87.0	46.0	68.5	73.5	86.0

Convector Elements

COPPER (WITH BRASS HEADERS)

DIMENSIONS • RATINGS





Ratings

	ELEMENT PART #	*EDR RATING	APPROX. WEIGHT/LBS.
	CE 416	8.5	—
	CE 420	12.5	2¼
	CE 424	16.0	2½
	CE 428	19.0	2¾
	CE 432	22.0	3
	CE 436	25.0	3¼
4"	CE 440	28.0	3½
	CE 444	31.0	3¾
	CE 448	34.0	4
	CE 452	37.0	4¼
	CE 456	40.5	4¾
	CE 460	43.5	5
	CE 464	46.5	5¼
	CE 616	14.0	4½
	CE 620	18.0	4¾
	CE 624	22.5	5
	CE 628	26.5	5¼
	CE 632	31.0	5½
	CE 636	35.5	5½
6"	CE 640	40.0	6
	CE 644	44.5	6½
	CE 648	48.5	6¾
	CE 652	53.0	7
	CE 656	57.5	7¼
	CE 660	61.5	7½
	CE 664	66.0	7¾
	CE 816	17.0	6¾
	CE 820	22.0	7
	CE 824	27.0	7¼
	CE 828	32.0	7½
	CE 832	37.5	7¾
	CE 836	43.5	8
8"	CE 840	48.5	8¼
	CE 844	53.5	8½
	CE 848	59.0	8¾
	CE 852	64.0	9
	CE 856	69.5	9¼
	CE 860	74.0	9½
	CE 864	79.5	9¾

Element Height .....2"

Element Depths ..... 3 3/4", 5-3/4", 7-3/4"

Element Lengths: 15-3/4" thru 63-3/4" (end to end)

COPPER TUBING SIZE: 1/2" I.D. 5/8" O.D.

BRASS HEADERS

Dimensions

NOMINAL LENGTH	OVERALL LENGTH	"C-C" DIMENSIONS
16"	15 3/4	13 1/2
20"	19 3/4	17 1/2
24"	23 3/4	21 1/2
28"	27 3/4	25 1/2
32"	31 3/4	29 1/2
36"	35 3/4	33 1/2
40"	39 3/4	37 1/2
44"	43 3/4	41 1/2
48"	47 3/4	45 1/2
52"	51 3/4	49 1/2
56"	55 3/4	53 1/2
60"	59 3/4	57 1/2
64	63 3/4	61 1/2

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Convector Elements

COPPER

Steam Capacities

Sq. Ft. – EDR 65°F Entering Air

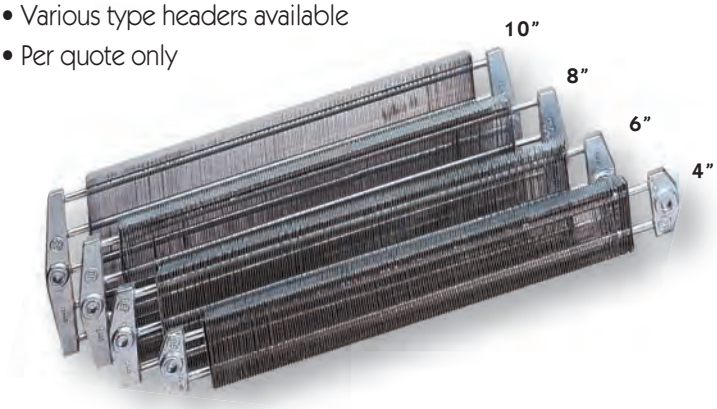
Cabinet Types- FBS, F, R, RB, S, SB,W

LENGTH	INSTALLED HEIGHT 20"				INSTALLED HEIGHT 24"			
	4" DEEP	6" DEEP	8" DEEP	10" DEEP	4" DEEP	6" DEEP	8" DEEP	10" DEEP
16"	7.5	13.0	16.0	19.0	8.5	14.0	17.0	20.0
20"	11.5	16.5	21.0	24.5	12.5	18.0	22.0	26.0
24"	14.0	20.5	25.5	29.0	16.0	22.5	27.0	32.0
28"	17.0	24.5	30.0	34.5	19.0	26.5	32.0	38.0
32"	19.5	29.0	35.0	39.0	22.0	31.0	37.5	44.0
36"	22.0	33.0	40.0	44.5	25.0	35.5	43.5	50.0
40"	25.0	37.0	45.0	50.0	28.0	40.0	48.5	56.0
44"	27.5	41.0	50.0	55.5	31.0	44.5	53.5	62.0
48"	30.5	45.0	55.0	61.0	34.0	48.5	59.0	68.5
52"	33.0	49.0	60.0	66.5	37.0	53.0	64.0	74.0
56"	36.0	53.0	65.0	72.0	40.5	57.5	69.5	81.0
60"	39.0	57.0	70.0	77.0	43.5	61.5	74.0	86.5
64	41.5	61.0	74.5	82.5	46.5	66.0	79.5	92.5

Also available in

"SERIES 12" COPPER ELEMENTS

- Stock sizes 4"-6"-10"-10" Deep
- Lengths 16" thru 120" long
- Various type headers available
- Per quote only



Dimensions

NOMINAL LENGTH	OVERALL LENGTH	"C-C" DIMENSIONS
16"	15 1/2	13 7/8
20"	19 1/2	17 7/8
24"	23 1/2	21 7/8
28"	27 1/2	25 7/8
32"	31 1/2	29 7/8
36"	35 1/2	33 7/8
40"	39 1/2	37 7/8
44"	43 1/2	41 7/8
48"	47 1/2	45 7/8
52"	51 1/2	49 7/8
56"	55 1/2	53 7/8
60"	59 1/2	57 7/8
64	63 1/2	61 7/8

180°F A.W.T. MBH (1000 BTUh) Hot Water 20°F Temp. Diff.

Cabinet Types- FBS, F, R, RB, S, SB, W

LENGTH	INSTALLED HEIGHT 20"				INSTALLED HEIGHT 24"			
	4" DEEP	6" DEEP	8" DEEP	10" DEEP	4" DEEP	6" DEEP	8" DEEP	10" DEEP
16"	1.1	1.8	2.3	2.7	1.2	2.0	2.4	2.8
20"	1.6	2.4	3.0	3.5	1.8	2.6	3.1	3.7
24"	2.0	2.9	3.6	4.1	2.2	3.2	3.8	4.5
28"	2.4	3.5	4.2	4.9	2.7	3.8	4.5	5.4
32"	2.8	4.1	5.0	5.5	3.1	4.4	5.4	6.2
36"	3.2	4.7	5.7	6.3	3.6	5.0	6.1	7.1
40"	3.6	5.2	6.4	7.1	4.0	5.7	6.9	7.9
44"	3.9	5.8	7.1	7.8	4.4	6.3	7.6	8.7
48"	4.3	6.4	7.8	8.6	4.9	6.9	8.4	9.7
52"	4.7	6.9	8.5	9.4	5.2	7.5	9.0	10.4
56"	5.1	7.5	9.2	10.2	5.7	8.2	9.9	11.4
60"	5.5	8.0	9.9	10.9	6.1	8.7	10.4	12.2
64"	5.9	8.7	10.6	11.6	6.6	9.4	11.3	13.0

190°F A.W.T. MBH (1000 BTUh) Hot Water 20°F Temp. Diff.

Cabinet Types- FBS, F, R, RB, S, SB, W

LENGTH	INSTALLED HEIGHT 20"				INSTALLED HEIGHT 24"			
	4" DEEP	6" DEEP	8" DEEP	10" DEEP	4" DEEP	6" DEEP	8" DEEP	10" DEEP
16"	1.2	2.1	2.5	3.0	1.4	2.2	2.7	3.2
20"	1.8	2.6	3.3	3.9	2.0	2.8	3.5	4.1
24"	2.2	3.3	4.1	4.6	2.5	3.5	4.3	5.1
28"	2.7	3.9	4.8	5.5	3.0	4.2	5.1	6.0
32"	3.1	4.6	5.5	6.2	3.5	4.9	6.0	7.0
36"	3.5	5.2	6.3	7.1	4.0	5.6	6.8	8.0
40"	4.0	5.8	7.1	8.0	4.4	6.3	7.6	8.9
44"	4.4	6.5	7.9	8.8	4.9	7.0	8.5	9.9
48"	4.8	7.1	8.7	9.7	5.4	7.7	9.3	10.9
52"	5.2	7.8	9.5	10.6	5.9	8.4	10.2	11.8
56"	5.7	8.4	10.2	11.4	6.4	9.1	11.0	12.9
60"	6.2	9.1	11.1	12.2	6.9	9.8	11.8	13.8
64"	6.5	9.7	11.8	13.1	7.4	10.4	12.6	14.7

200°F A.W.T. MBH (1000 BTUh) Hot Water 20°F Temp. Diff.

Cabinet Types- FBS, F, R, RB, S, SB, W

LENGTH	INSTALLED HEIGHT 20"				INSTALLED HEIGHT 24"			
	4" DEEP	6" DEEP	8" DEEP	10" DEEP	4" DEEP	6" DEEP	8" DEEP	10" DEEP
16"	1.3	2.3	2.8	3.4	1.5	2.5	3.0	3.5
20"	2.0	2.9	3.7	4.3	2.2	3.2	3.9	4.6
24"	2.5	3.6	4.5	5.1	2.8	3.9	4.8	5.7
28"	2.9	4.3	5.3	6.1	3.3	4.7	5.7	6.7
32"	3.4	5.0	6.1	6.9	3.9	5.4	6.6	7.8
36"	3.9	5.8	7.0	7.9	4.4	6.2	7.5	8.9
40"	4.4	6.5	7.9	8.9	4.9	7.0	8.5	9.9
44"	4.8	7.2	8.8	9.8	5.5	7.8	9.4	11.0
48"	5.3	8.0	9.7	10.8	6.0	8.5	10.3	12.1
52"	5.8	8.7	10.6	11.8	6.5	9.4	11.3	13.1
56"	6.3	9.3	11.5	12.7	7.1	10.0	12.2	14.3
60"	6.8	10.1	12.4	13.6	7.7	10.9	13.1	15.3
64"	7.2	10.8	13.2	14.6	8.2	11.6	13.9	16.4

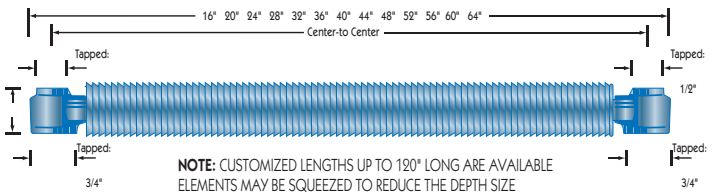
215°F Steam Capacities Sq. Ft. – EDR E.A.T.= 65°F

Cabinet Types- SF, SFB, SW (Slope Top)

LENGTH	INSTALLED HEIGHT 20"				INSTALLED HEIGHT 24"			
	4" DEEP	6" DEEP	8" DEEP	10" DEEP	4" DEEP	6" DEEP	8" DEEP	10" DEEP
16"	10.0	15.5	19.5	24.5	10.5	16.5	21.0	27.0
20"	13.5	20.0	25.5	31.5	14.0	21.5	27.5	34.0
24"	16.5	25.0	32.0	39.0	17.5	26.5	34.0	41.5
28"	20.0	29.5	38.5	46.5	21.0	31.5	41.0	50.0
32"	23.0	34.5	44.5	54.0	24.5	37.0	47.5	58.0
36"	26.5	39.5	51.0	61.0	27.5	42.0	54.0	66.0
40"	29.5	44.0	57.0	69.5	31.0	47.5	61.0	74.5
44"	33.0	49.0	63.5	77.0	34.5	52.5	67.5	82.5
48"	36.0	54.0	69.5	84.5	38.0	57.5	74.0	90.5
52"	39.0	57.0	77.0	94.0	41.0	62.5	81.0	98.0
56"	42.5	63.5	82.0	103.5	45.0	68.0	87.5	106.5
60"	46.0	68.0	88.0	109.5	48.0	74.0	94.5	114.5
64"	49.0	73.0	94.5	114.5	52.0	78.5	101.0	122.0

"Series 12" Element Lengths

1/2" shorter then nominal



NOTE: CUSTOMIZED LENGTHS UP TO 120" LONG ARE AVAILABLE ELEMENTS MAY BE SQUEEZED TO REDUCE THE DEPTH SIZE

POLICY AND TERMS

Invoices dated from the 1st to the 25th of the month inclusive will be subject to a cash discount of 2% if paid on or before the 10th of the month following and will be due the next succeeding day. Invoices dated the 26th to the end of the month will be considered dated the 1st of the following month and will qualify for a case discount as outlined above. The cash discount is to be computed on the product total amount of the invoice before any additions or deductions for transportation or any sales or manufacturer's taxes are applied. All materials pertaining to the price list are FOB our Plant. No merchandise can be returned for credit without prior approval, and may be subject to a 25% handling charge.

WARRANTY

We warrant all OCS equipment in this catalog to be free from defects in material and workmanship under normal use and service. After installation, all products must be fairly tested by the plumber; our obligation under this warranty being limited to repairing or replacing at our factory any part or parts thereof which shall within one year from day of shipment from our factory be returned to our factory with transportation charges prepaid, and which our examination shall disclose to have been defective; this warranty being expressly in lieu of all other warranties expressed or implied and of all other obligations or liabilities on our part, and we neither assume nor authorize any person to assume for us any other liability in connection with the sale of OCS products.

This warranty does not cover reimbursement to purchaser or user for any labor charges for replacement of parts, adjustments, repairs, disconnecting or reinstallation or any other work done on the job. We assume no responsibility for consequential damages of any kind, and the purchaser or user by acceptance of this equipment assumes the responsibility for the consequences of its use or misuse.

This warranty does not apply to any equipment which shall have been repaired or altered outside of our factory in any way so as, in our judgment, to affect its stability, nor which has been subject to misuse, negligence or operation conditions in excess of those stated in this catalog.

The right is reserved by OCS Industries to change specification or prices without incurring any responsibility for previously sold equipment.

BRASS VALVES

Part No.	Description
BVCV1	1" Convector Valve
BVCV114	1-1/4" Convector Valve
BVRV34	3/4" Radiator Valve
BVRV1	1" Radiator Valve
BVRV114	1-1/4" Radiator Valve
BVSGV1	1" Steam Gate Valve
BVSGV114	1-1/2" Steam Gate Valve
BVNYCT	NYC Trap 2 x 1-1/2"

Ball Valves (IPS & Copper) in all sizes

OCS Industries

E-Mail: orders@ocsind.com
info@ocsind.com
ocsind@optonline.net
Phone: 718.338.5111 • Fax: 718.338.8529
www.ocsind.com