

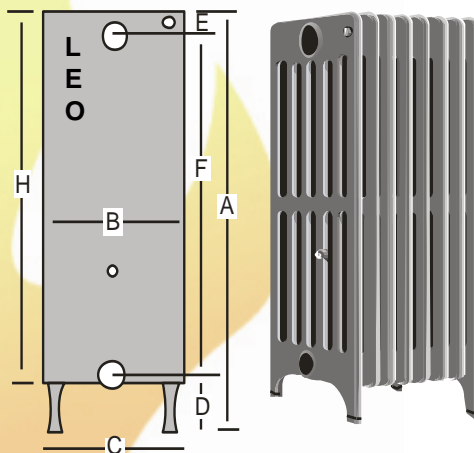
TUBE-RAY[®]

Manufactured of Cast Iron



Size	A	B&C	D	E	F	H
4X19	19"	4-15/16"	2-1/2"	1-1/16"	15-7/16"	17-13/16"
4X25	25"	4-1/16"	2-1/2"	1-1/16"	21-7/16"	23-13/16"
6X25	25"	6-7/16"	2-1/2"	1-1/16"	2-7/16"	23-13/16"

Measurements are approximate, please call us if you need exact specifications



Center leg section furnished on 30 section and larger.

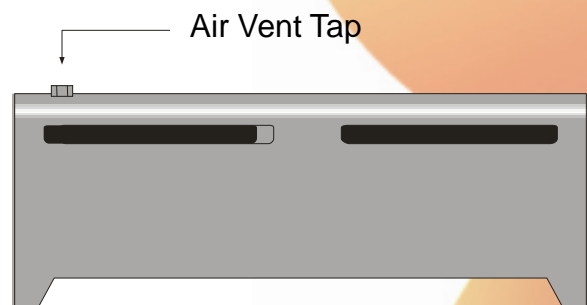
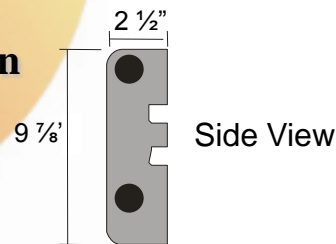
Tappings- Top 1" Bottom 1 1/4". All Air Vents Tappings 1/2".

Heating surface based upon the standard heat emission of 240 BTU per square foot per hour. Maximum working pressure; 15lb steam, 30lb water.

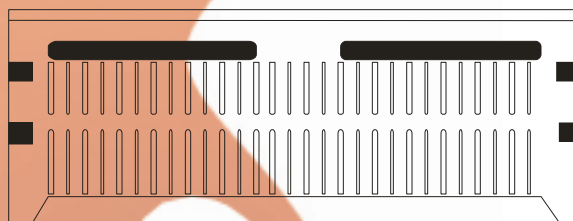
Size in Sections	4	6	8	10	12	14	16	18	20	22	24	26	28	30
Length in 1 3/4" Section	7"	10 1/2"	14"	17 1/2"	21"	24 1/2"	28"	31 1/2"	35"	38 1/2"	42"	45 1/2"	49"	52 1/2"
Sq. Ft. EDR- Estimated 4 Tube - 19" High	6.4	9.6	12.8	16.0	19.2	22.4	25.6	28.8	32.0	35.2	38.4	41.6	44.8	48.0
4 Tube - 25" High	8	12	16	20	24	28	32	36	40	44	48	52	56	60
6 Tube - 25" High	12	18	24	30	36	42	48	54	60	66	72	78	84	90

LOW-RAY[®]

Manufactured of Cast Iron



Front View



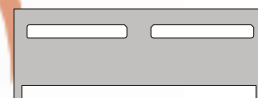
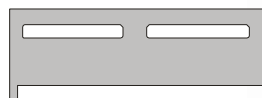
Rear View

Left End Sections 18" or 24"

Intermediate Sections 24"

Right End Sections 12" or 24"

Panel 18" or 24"



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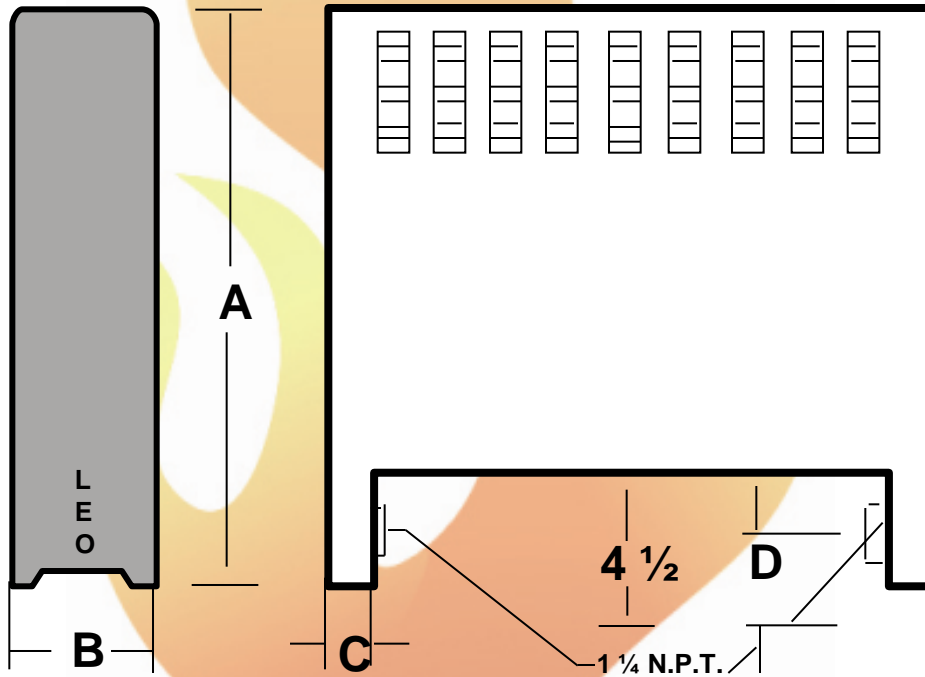
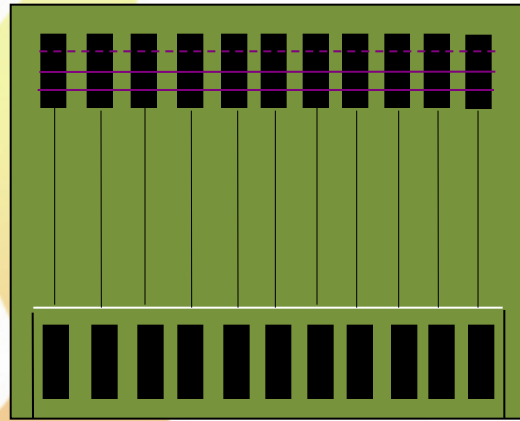
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SUN-RAY[®] / SUN-RAD[®]

Manufactured of Cast Iron

• Increase radiator size 10% when recessed.



Size	A	B	C	D
20" x 5"	20"	5"	1-7/8"	2-3/4"

Measurements are approximate, please call us if you need exact specifications

All Air Vent Tappings 1/8" All Bottom Tappings 1 1/4" Recess should be 1/2" longer and 1/4" higher

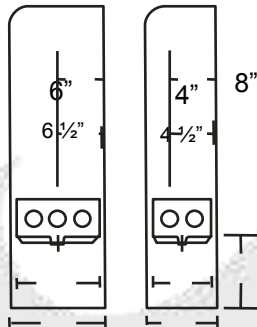
Size in sections	4	6	8	10	12	14	16	18	20	22	24	26	28	30
Length 2 1/4" / section	9	13 1/2"	18"	22 1/2"	27"	31 1/2"	36"	40 1/2"	45"	49 1/2"	54"	58 1/2"	63"	67 1/2"
Sq Ft. per section 2.25 Estimate	9.0	13.5	18.0	22.5	27.0	31.5	36.0	40.5	45.0	49.5	54.0	58.5	63.0	67.5

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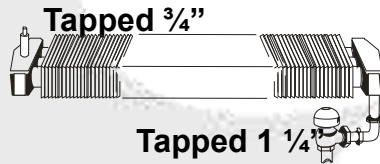
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STEEL CONVECTORS™ STEEL CABINETS™



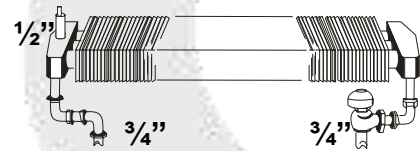
* Available without bottom vent.

PIPING CONNECTIONS



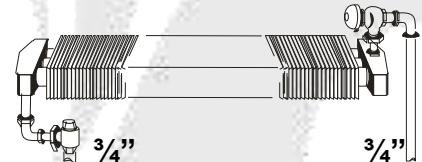
ONE PIPE STEAM
Bottom Supply

HOT WATER
Bottom Supply and
Bottom Return



VAPOR SYSTEM
Bottom Supply and
Bottom Return

VAPOR SYSTEM
Bottom Supply and
Bottom Return



*The type FG is similar to the type F except that a lower air intake grille has been added. The lower flange permits one to mount this convector on the rough flooring if desired without interfering with the front panel.

Hot Water Capacities

Average Water Temp. 180°F

		LENGTH									
20	4"	1.6	2.0	2.3	2.6	3.0	3.3	3.7	4.0	4.8	5.5
	6"	2.3	2.8	3.4	3.9	4.5	5.1	5.6	6.1	7.2	8.3
	8"	3.0	3.6	4.3	5.1	5.8	6.5	7.2	7.9	9.3	10.7
	10"	3.2	4.3	4.8	5.6	6.3	7.1	7.9	8.7	10.3	
24	4"	1.7	2.1	2.5	2.9	3.3	3.7	4.1	4.5	5.3	6.1
	6"	2.5	3.2	3.8	4.3	4.9	5.6	6.1	6.7	7.9	9.2
	8"	3.2	3.9	4.7	5.4	6.2	6.9	7.7	8.4	10.0	11.5
	10"	3.5	4.3	5.1	6.0	6.8	7.7	8.5	9.4	11.1	12.8
32	4"	1.8	2.2	2.7	3.1	3.5	3.9	4.3	4.7	5.6	6.4
	6"	2.7	3.4	4.0	4.7	5.3	6.0	6.6	7.2	8.6	9.9
	8"	3.3	4.1	4.9	5.7	6.5	7.3	8.1	8.9	10.5	12.1
	10"	3.6	4.5	5.3	6.2	7.1	8.0	8.9	9.7	11.5	13.3

Steam Capacities

Sq. Ft. EDR-215° Steam-65° Inlet Air

		LENGTH									
20	4"	11.0	13.5	16.0	18.0	20.5	23.0	25.5	28.0	33.0	38.0
	6"	16.0	19.5	23.5	27.0	31.0	35.0	38.5	42.5	50.0	57.5
	8"	20.5	25.0	30.0	35.0	40.0	45.0	50.0	54.5	64.5	74.5
	10"	22.0	27.5	33.0	38.5	44.0	49.5	55.0	60.5	71.5	82.5
24	4"	12.0	14.5	17.5	20.0	23.0	25.5	28.5	31.0	36.5	42.0
	6"	18.0	22.0	26.0	30.0	35.0	38.5	42.5	46.5	55.0	63.5
	8"	22.5	27.0	32.5	37.5	44.0	48.0	53.5	58.5	69.5	80.0
	10"	24.5	30.0	35.5	41.5	48.0	53.5	59.0	65.0	77.0	88.0
32	4"	12.5	15.5	18.5	21.5	24.0	27.0	30.0	32.5	38.5	44.5
	6"	19.0	23.5	28.0	32.5	37.0	41.5	46.0	50.0	59.5	69.0
	8"	23.0	28.5	34.0	39.5	45.0	50.5	56.0	62.0	73.0	84.0
	10"	25.0	31.0	37.0	43.0	49.5	55.5	61.5	67.5	80.0	92.0

Measurements are approximate, please call us if you need exact specifications

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Long Stem Ball Valve Full Port

CXC



Part #BVLSizeC
Sizes: 1/2" - 3/4"

IPS



Part #BVLSizeI
Sizes: 1/2" - 3/4"

T-Valve Boiler Drain



Part #TVBD34
#TVBD1
Sizes: 3/4" - 1"

3/4" Circulator Valve w/ Drain



Part #BVCIR34IWD12

3/4" Circulator Valve



Part #BVCIRsize
Sizes: 3/4" - 1 1/4"

3/4" Ball Valve with Drain



CXC

Part #: BV34SWD12



IPS

Part #: BV34IWD12

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Y - STRAINERS

Bronze Y Strainer



Part
#BYSlsize... IPS (Threaded)
#BYSCsize... CxC (Sweat)

Sizes: $\frac{1}{2}$ " - 2"

Cast Iron Threaded IPS Y Strainer



Part #:
CYSTsize... IPS
Sizes: $\frac{1}{2}$ " - 3"

Cast Iron Flanged Y Strainer



Part #:
CYSFsize.....
Sizes: 2 $\frac{1}{2}$ " - 8"

Gas Test Assembly 5# PSI Low Pressure



Part # GTK

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Air Purger



Part #APsize Sizes: 1", 1 1/4"

1/8" Automatic Hot Water Air Vent



Part #AAV18

1/8" Air Valve



Part #AV18A (Angle)
AV18S (Straight)

1/8" Winner Air Valve



Part #H4018A

Oil Fill Box w/ Brass Plug



Part #: OFBsize
Sizes: 2" & 3"

Pig Tail



Part #	Description
PT	Black Straight Pig Tail
PTA	Black Angle Pig Tail
PTB	Brass Straight Pig Tail
PTBA	Brass Angle Pig Tail

1-1/4" Vent Cap w/ 1/8" Tap



Part #M014BVCA114

Di-Electric Union



Male

Female

Part #DEUMsize (Male)
DEUFsize (Female)
Sizes: 1/2" & 3/4"

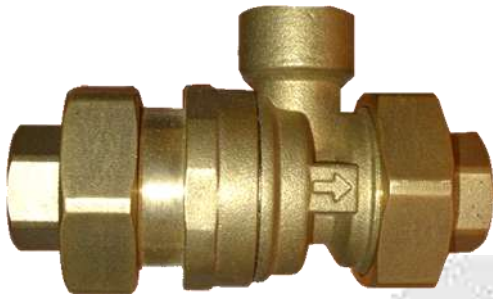
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Backflow Preventer



Part #CONBV12I Sizes: 1/2"

Feed Water Pressure Regulator



Part #WPR12S
Sizes: 1/2"

Circulator Flange Kit



Part #CFCIsize Sizes: 3/4" - 1 1/4"

Dirt Pocket Cap



Part #DPC

Swivel and Nut



Part #SN20LT

WAFER BUTTERFLY VALVE



- Class 125/150 Flanges

Part #CIWBVsize Sizes: 2" - 6"

LUG BUTTERFLY VALVE



- Class 125/150 Flanges
- 200 PSI Cast iron body

Not for steam service

Part #CILBVsize Sizes: 3" - 8"

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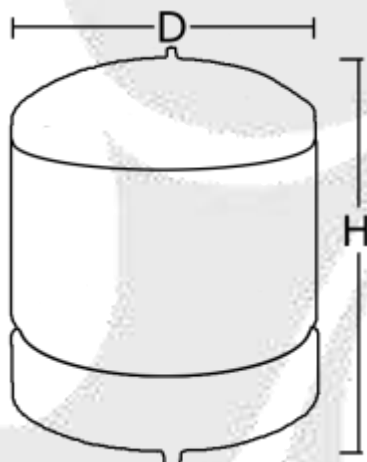
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Hydronic Expansion Tank

This expansion tank is an essential component for boiler systems. It regulates the system pressure by containing heat expanded water.

- Precharged to 12 psi
- 239 F Maximum Temp
- 99 psi Maximum Pressure
- 1/2" male thread



Part #EXTsize
 Sizes: 15, 30

Model Number	Total Tank Volume	Maximum Fluid Volume	(H) Tank Height	(D) Tank Diameter	Shipping Weight
EXT15	2 Gallons	0.9 Gallons	12-1/2"	8"	5 lbs
EXT30	4.4 Gallons	2.5 Gallons	15-1/2"	11"	9 lbs

Measurements are approximate, please call us if you need exact specifications

Steel Boiler Manifold

Part

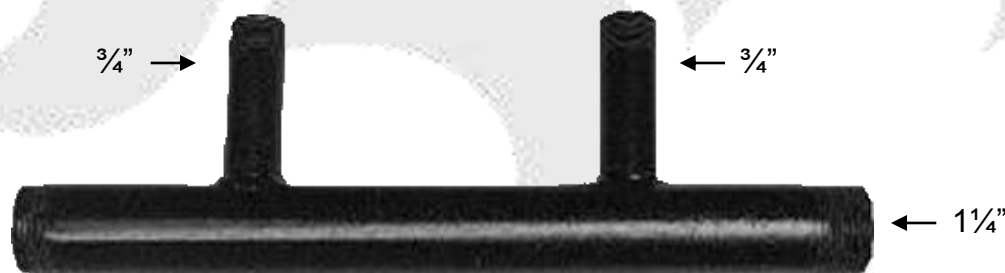
#BH342

#BH343

#BH344

#BH345

#BH346



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Stricker



Part #STR

Aqua Stat Wells



Part #CWAsizeL (long)
#CWAsizeS (short)
Sizes: 1/2" & 3/4"

Teflon Tape



Part #TTsize520
Sizes: 1/2" & 3/4"

Pads



Part #PADS

Dope Brush



Part #DB

Acid Brush



Part #AB

Copper Tubing Brush



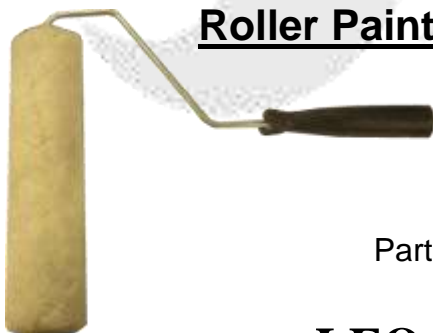
Part #CTBsize
Sizes: 1/2" - 2"

Wood Brush



Part #H9size
Sizes: 1" - 4"

Roller Paint Brush



Part #HR9

Caulking Gun Metal



Part #CG

ROTO TOOL & ACCESSORIES

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Radiator Spud Wrench



Part #RSW

4-Way Sill Cock Key



Part #4WSCK

4-Way PO Plug Wrench



Part #4WPOPW

Angle Seat Wrench



Part #ASW

Hydrant Adapter



Part #HYDA34

Galvanized Pipe Repair Clamps

with bolts/rubber



Part #PRCsize

Sizes: 1/2" - 2"

Pipe Floor Flange



Part #M014BFsize

Sizes: 1/2" - 2"

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