LCS-10

Submittal

Style “LCS-10”
Light Commercial
Slope Top Enclosure
Copper/Aluminum & Steel Ratings

Specification

ENCLOSURE:

STYLE : LCS-10
OUTLET: Slope Louvered
Pencil Proof
LENGTHS: 2'0" thru 8'0" in 6" Increments
MAT'L ☐ 18 Ga. CRS (Std)
☐ 16 Ga. CRS (Opt'l)
FINISH: ☐ Baked Powder (Std)
☐ Baked Metallic (Opt'l)

ACCESSORIES:

Overlapping Type

ELEMENT:

TYPE: ☐ Cu/AL (Mechanically Expanded)
LENGTHS: 2'0" thru 8'0" in 1" Increments.
One End Flared (Std)

TYPE: ☐ IPS Steel (Mechanically Expanded)
LENGTHS: 2'0" thru 12'0" in 1" Increments.
☐ NPT Thread both Ends (Std)
☐ Beveled Ends for Field Weld (Opt'l)

BACKPLATE:

TYPE: ☐ Partial Backplate B-610
LENGTHS: 8'0" Only
MATERIAL: ☐ 20 Ga. Galvannealed (Std)
☐ 18 Ga. Galvannealed (Opt'l)

TYPE: ☐ Full Ht. B/P (Opt'l)
LENGTHS: 2'0" thru 8'0" in 6" Increments
MATERIAL: ☐ 20 Ga. Galvannealed (Std)
☐ 18 Ga. Galvannealed (Opt'l)

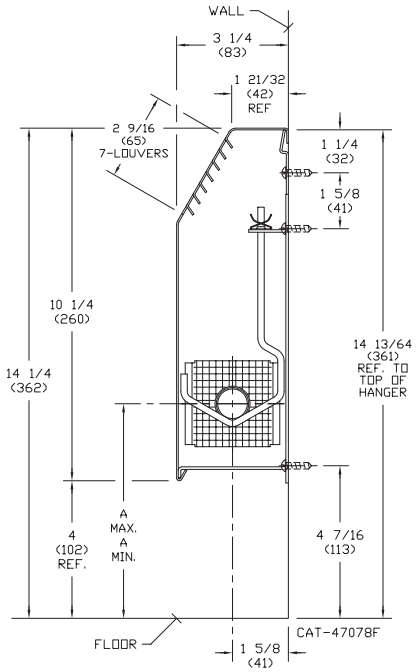
AIR SEAL: ☐ 1/8" x 3/8" Closed Cell (Opt'l)

BRACKETS: ☐ 14 Ga. Galvannealed Steel
One Piece Brkt

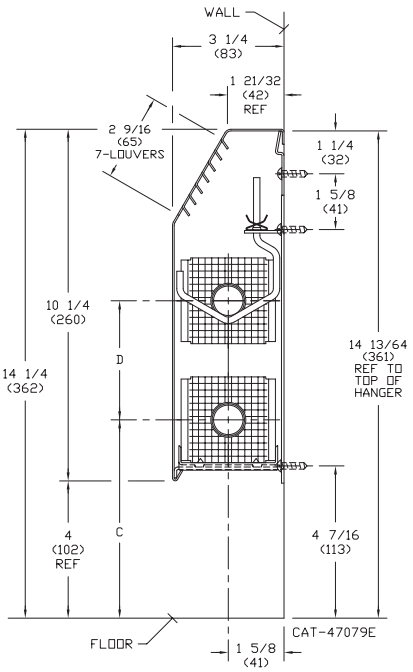
CAT NO.	A MIN.	A MAX.
R02	5 15/16 (150.8)	8 7/16 (214.3)
R03	6 1/16 (154)	8 5/8 (219.1)
R04	6 9/16 (166.7)	8 15/16 (227)
R05	6 9/16 (166.7)	9 1/8 (231.8)
R06 R07	7 1/8 (181)	8 11/16 (220.7)
R08	6 11/16 (169.9)	9 1/4 (235)
R09 R010	7 3/16 (182.6)	8 11/16 (220.7)
R11	6 11/16 (169.9)	9 3/16 (233.4)
R15 R16	7 3/16 (182.6)	8 11/16 (220.7)

CAT NO.	C	D
R02	5 25/32 (147)	3 1/2 (89)
R03	5 25/32 (147)	3 1/2 (89)
R04	6 7/32 (156)	N/A
R05	6 7/32 (156)	N/A
R06 R07	7 1/32 (176)	N/A
R08	6 7/32 (156)	N/A
R09 R010	7 1/32 (176)	N/A
R11	6 7/32 (156)	N/A
R15 R16	7 1/32 (176)	N/A

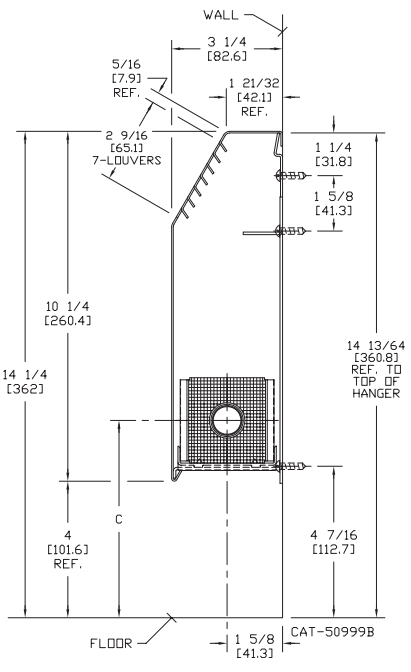
LCS-10
1-TIER



LCS-10
2-TIER*



LCS-10
1-TIER WITH SLIDE SHOE



*** Consult factory for 2-tier steam applications**

Dimensions are in inches. Dimensions in parentheses are in millimeters.

STERLING®
COMMERCIAL HYDRONIC PRODUCTS
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(413) 564-5535
www.sterlingheat.com

9/2026

PROJECT: _____ **DATE:** _____
LOCATION: _____
ARCHITECT: _____
ENGINEER: _____
CONTRACTOR: _____
PO NUMBER: _____

STYLE Light Commercial "LCS-10"

COPPER/ALUMINUM ELEMENT RATINGS

ALL RATINGS ARE BASED ON 3 FPS VELOCITY, 65° EAT

TUBE SIZE	CATALOG DESIGNATION	FIN SIZE HEIGHT X WIDTH	FINS PER FT.	FIN THICKNESS IN INCHES	TIERS AND CENTERS IN INCHES	MTG. HEIGHT IN INCHES	STEAM 215°F FACTOR	HOT WATER (AVG.) 200°	190°	180°	170°	160°	150°	140°	130°	120°
								CORRECTION FACTORS FOR AVERAGE WATER TEMPERATURES								
							1.00	0.86	0.78	0.69	0.61	0.53	0.45	.40	.33	.26
3/4"	R02	2-1/2" x 2-3/4"	60	.010	1	14-1/4	1140	980	890	790	700	600	510	460	380	300
					2 - 3-1/2 CL	14-1/4	1560	1340	1220	1080	950	830	700	620	510	410
1"	R03	2-1/2" x 2-3/4"	55	.011	1	14-1/4	1090	940	850	750	660	580	490	440	360	280
					2 - 3-1/2 CL	14-1/4	1600	1380	1250	1100	980	850	720	640	530	420
3/4"	R04	3-3/4" x 2-3/4"	50	.014	1	14-1/4	1170	1010	910	810	710	620	530	470	390	300
1"	R05	3-3/4" x 2-3/4"	50	.011	1	14-1/4	1130	970	880	780	690	600	510	450	370	290
1-1/4"	R08	3-3/4" x 2-3/4"	50	.020	1	14-1/4	1150	990	900	790	700	610	520	460	380	300
1"	R06	5" x 2-3/4"	40	.020	1	14-1/4	1200	1030	940	830	730	640	540	480	400	310
1"	R07	5" x 2-3/4"	50	.020	1	14-1/4	1210	1040	940	830	740	640	540	480	400	310
1-1/4"	R09	5" x 2-3/4"	40	.020	1	14-1/4	1150	990	900	790	700	610	520	460	380	300
1-1/4"	R10	5" x 2-3/4"	50	.020	1	14-1/4	1230	1060	960	850	750	650	550	490	410	320

STYLE Light Commercial "LCS-10"

STEEL ELEMENT RATINGS

ALL RATINGS ARE BASED ON 3 FPS VELOCITY, 65° EAT

TUBE SIZE	CATALOG DESIGNATION	FIN SIZE HEIGHT X WIDTH	FINS PER FT.	FIN THICKNESS IN INCHES	TIERS AND CENTERS IN INCHES	MTG. HEIGHT IN INCHES	STEAM 215°F FACTOR	HOT WATER (AVG.) 200°	190°	180°	170°	160°	150°	140°	130°	120°
								CORRECTION FACTORS FOR AVERAGE WATER TEMPERATURES								
							1.00	0.86	0.78	0.69	0.61	0.53	0.45	.40	.33	.26
1"	R11	3-3/4" x 2-3/4"	40	.024	1	14-1/4	910	780	710	630	560	480	410	360	300	240
1"	R15	5" x 2-3/4"	50	.024	1	14-1/4	1100	950	860	760	670	580	500	440	360	290
1-1/4"	R16	5" x 2-3/4"	50	.024	1	14-1/4	1150	990	900	790	700	610	520	460	380	300