

# CX SERIES

by Detroit Radiant Products Co.



## LOW CLEARANCE GAS FIRED INFRA-RED HEATERS

The CX Series heater is specifically designed for applications that require a minimized clearance to combustible zone such as car washes, storage facilities, patios and much more. Utilizing the same control technology found in our higher-end, single-stage DX Series, the CX Series offers value, features and performance. The CX Series is the ideal solution for most low clearance heating applications.



Specialty Heater Offering



HLV  
SV  
CL  
CX  
-SS

### PRODUCT FEATURES

- BTU/H inputs of 50,000 to 100,000.
- Available in tube lengths of 30 to 50 ft.
- Stainless Steel Combustion Chamber.
- Coated Aluminized Steel Radiant Tubes.
- Highly Polished Aluminum Reflectors.
- Operational Indicator Lights.
- Stainless Steel Burner.
- Hot Surface Ignition with Flame Rod Sensing.
- Single-stage Technology.
- Optional 'U' or 'L' Configuration.

Product Features Comparison Chart	HLV	SV	CL	CX	-SS	OTHER
Coated titanium or aluminized combustion chamber.	●	●		●		
Designed for harsh environment applications.				●	●	
Designed for low clearance applications.			●	●		
Designed for negative pressure operation.	●	●		●		
Gas cock (1/2" brass) & flex connector included.	●	●	●	●	●	
Highly polished aluminum reflectors.	●	●	●	●		
Interlocking swaged tubes.	●	●	●	●	●	
Optional 'U' or 'L' configurations available.	●	●	●	●	●	
Stainless steel combustion chamber.			●	●	●	
Stainless steel upgrades available.	●	●	●	●	●	
Two-stage technology.	●		●	●	●	

Visit our website at [www.reverberray.com](http://www.reverberray.com) or [www.detroitradiant.com](http://www.detroitradiant.com) for: product specs • parts support • dealer locator • applications • C.A.D. library • design guidelines • theory of infra-red • and more!

# CX SERIES SPECIFICATIONS

## PRODUCT SPECIFICATIONS

<b>BTU Range:</b>	50-100 MBTU/H
<b>Lengths:</b>	30-50 ft.
<b>Gas Type:</b>	Natural or Propane
<b>1st Comb. Chamber:</b>	UC Stainless Steel
<b>Combustion Chamber(s):</b>	UC Aluminized Steel
<b>Certification:</b>	CSA, IAS
<b>Warranty:</b>	1-5-10 (Components-Tubes-Burner)

## OPTIONAL EQUIPMENT

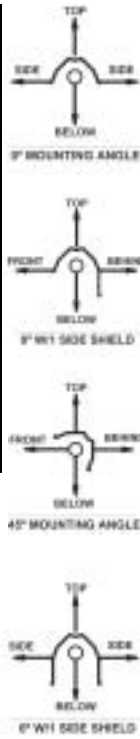
<b>“U” or “L” Configurations:</b>	Available (RUP, REP)
<b>Stainless Steel Upgrades:</b>	Available (SSSTRAO, SSFWAO, SSCBAO)
<b>24V Controls:</b>	Available (24VAO)
<b>Indicator Lights:</b>	Standard
<b>Protective Guards:</b>	Available (PG)
<b>Side Shield Extensions:</b>	Available (SSE)
<b>Outdoor Approval:</b>	Available (OD-KIT)

ELECTRICAL	CONTROLS	GAS CONNECTION	GAS PRESSURES	IGNITION / SENSE
<ul style="list-style-type: none"> <li>120 V.A.C., 60Hz GRD, 3-wire.</li> <li>4.8A starting, 1.1A running.</li> </ul>	<ul style="list-style-type: none"> <li>Pre-purge.</li> <li>Potted (waterproof) circuitry.</li> <li>120V thermostat control.</li> <li>Optional 24V controls.</li> </ul>	<ul style="list-style-type: none"> <li>1/2" NPT gas cock included.</li> <li>24" stainless steel flex connector provided.</li> </ul>	<ul style="list-style-type: none"> <li>MAN.- 3.5"Nat or 10.0"LP</li> <li>MIN.- 5.0"Nat or 11.0"LP</li> <li>MAX.- 14.0"Nat or 14.0"LP</li> </ul>	<ul style="list-style-type: none"> <li>Hot surface ignition.</li> <li>Flame rod sense.</li> </ul>
VENTING	TUBE CONSTRUCTION	REFLECTORS	COMBUSTION AIR	KIT CONTENTS
<ul style="list-style-type: none"> <li>4" single vent.</li> <li>6" common vent (with single thermostat).</li> </ul>	<ul style="list-style-type: none"> <li>As shown above.</li> <li>4"x10' 16ga. construction.</li> <li>Labor saving, interlocking swaged tube design.</li> </ul>	<ul style="list-style-type: none"> <li>Highly polished aluminum.</li> <li>End caps included.</li> <li>Anti-rattle spring clips.</li> <li>0° - 45° rotatable angle.</li> </ul>	<ul style="list-style-type: none"> <li>Equipped for ducted air intake from roof or sidewall.</li> </ul>	<ul style="list-style-type: none"> <li>All hangers &amp; couplers.</li> <li>Reflector end caps.</li> <li>Turbulator baffle(s).</li> </ul>

## AVAILABLE CX MODELS & CLEARANCES

Qty.	Model #	Gas*	BTU's	Length	Weight	Typical Mounting Heights
	<b>CX 30-50</b>	N or LP	50,000	31'-3"	160 #	9' - 14'
	<b>CX 30-60</b>	N or LP	60,000	31'-3"	160 #	9' - 14'
	<b>CX 40-50</b>	N or LP	50,000	40'-11"	190 #	9' - 14'
	<b>CX 40-60</b>	N or LP	60,000	40'-11"	190 #	9' - 14'
	<b>CX 40-75</b>	N or LP	75,000	40'-11"	190 #	10' - 15'
	<b>CX 40-80</b>	N or LP	80,000	40'-11"	190 #	10' - 15'
	<b>CX 50-60</b>	N or LP	60,000	50'-7"	235#	10' - 14'
	<b>CX 50-75</b>	N or LP	75,000	50'-7"	235 #	11' - 15'
	<b>CX 50-80</b>	N or LP	80,000	50'-7"	235 #	11' - 15'
	<b>CX 50-100</b>	N or LP	100,000	50'-7"	235 #	12' - 16'

\* Specify natural (N) or propane (LP) gas.



MODEL NO.	MOUNTING ANGLE	SIDE		TOP	BELOW	
		FRONT	BEHIND			
CX (30,40)-50 [N,P]	0°	11	11	3	25	
	45°	39	8	10	25	
	W/1 side shield	0°	29	8	3	25
	W/2 side shields	0°	9	9	3	25
CX (30,40,50)-60 [N,P]	0°	7	7	3	25	
	45°	11	11	3	31	
	45°	39	8	10	31	
	W/1 side shield	0°	29	8	3	31
CX (40,50)-75 [N,P]	0°	9	9	3	31	
	0°	7	7	3	31	
	0°	11	11	3	29	
	45°	39	8	10	29	
CX (40,50)-80 [N,P]	0°	29	8	3	29	
	0°	9	9	3	29	
	0°	7	7	3	29	
	0°	11	11	3	29	
CX (50)-100 [N,P]	45°	39	8	10	29	
	0°	16	16	3	29	
	0°	7	7	3	29	
	0°	11	11	3	34	
CX (50)-100 [N,P]	45°	39	8	10	34	
	0°	29	8	3	34	
	0°	16	16	3	34	
	0°	7	7	3	34	

## CONTACT US

Leaders in Infra-Red Since 1955



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