

FURNACE CONFIGURATION

CUSTOMER **Date**

FURNACE MODEL RTC LA-306 LCI LA-306 LCI LA-309P

Serial Number **Job / Order Nbr**

BASE EQUIPMENT

Power Standard High Power Half Power (SCR's)

Voltage 380 Vac, 3 Ø 400 Vac, 3 Ø 415 Vac, 3 Ø 480 Vac, 3 Ø

Belt Speed, Units 0.5-10 inches/min 1.3-25 cm/min 13-250 mm/min
 1-20 inches/min 2.5-50 cm/min 25-500 mm/min
 (Optional Speed) 2-40 inches/min 5-100 cm/min 50-1000 mm/min

Product Clearance (height) 50 mm (2 in.), std 25 mm (1 in.) 100 mm (4 in.)

Baffle, Swinging Clearance (ht) 6 mm (1/4 in.), std 12 mm (1/2 in.), std _____ other

Process Gas Arrangement

Single Gas CDA Nitrogen Other

Dual Gas, Gas 1 CDA Nitrogen Other, CDA MIX

Dual Gas, Gas 2 Forming Gas Nitrogen Other

CONFIGURATION AND OPTIONAL EQUIPMENT

<input type="checkbox"/> AFR Air Filter / Trap / Regulator <input type="checkbox"/> BNV Belt, HiTemp Nichrome-V <input type="checkbox"/> BSS Belt, 316 Stainless Steel <input type="checkbox"/> CB-1 Circuit Breaker Switch <input type="checkbox"/> CB-3 Circuit Breaker, 3-Phase <input type="checkbox"/> CDAMIX CDA Mixing system <input type="checkbox"/> CXE Load Extension (15 inches) <input type="checkbox"/> CXX Unload Extension (15 inches) <input type="checkbox"/> DGO Dual Gas Manifolds <input type="checkbox"/> EH Edge Heaters (LA-309P only) <input type="checkbox"/> GSM Supply Gas Mixing System <input type="checkbox"/> HC Hermetic Chamber	<input type="checkbox"/> HT High Temperature (<600C operation) <input type="checkbox"/> LFI Line Interference Filter <input type="checkbox"/> LTR Left to Right Belt Travel (standard) <input type="checkbox"/> MA Moisture Analyzer <input type="checkbox"/> OA Oxygen Analyzer <input type="checkbox"/> OSS Sampling System <input type="checkbox"/> RTL Right to Left Belt Travel <input type="checkbox"/> SENSLAS Product Alert, CMOS Laser <input type="checkbox"/> SSP Sample Port(s) <input type="checkbox"/> TT Transition Tunnel, No Eductor <input type="checkbox"/> UCD Ultrasonic Cleaner/Dryer
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FLOWMETER SETTINGS

	Installed		deg C	Typical	VLow O2
Entrance Baffle	0-100 Lpm	CDA		10	5
Zone 1	0-100 Lpm	N2	800	15	50
Zones 2 & 3	0-100 Lpm	N2	800	20	50
Transition Tunnel	0-100 Lpm	CDA		10	5
Lamp Seals (Plenums)	0-100 Lpm	N2		36	36
Cooling	0-100 Lpm	CDA		36	36
TOTAL INFLOW				144	191
SUBTRACT EXCESS FLOW* =				0	116
DIVIDE BY EDUCTOR MULTIPLIER =				15	15
ENTR Stack	0-10 Lpm	=		3.6	1.0
TT Stack	0-10 Lpm	=		2.4	1.0

* POSITIVE FURNACE: Vent excess gas flow through entrance and exit to produce a low moisture / O2 atmosphere.
 NEGATIVE FURNACE: To assure volatiles do not escape into the room, enter ADD excess flow (pulls room air into furnace).

