

SteamCraft® Gemini™ 6

SHORT SERIES PRESSURELESS STEAMER, TWIN,
INDEPENDENT GAS-FIRED GENERATORS

Project _____
Item _____
Quantity _____
FCSI Section 11400 _____
Approved _____
Date _____

Models

- 24CGA6.2S



Short Form Specifications

Shall be Cleveland SteamCraft® Gemini™ Model 24CGA6.2S, 54.5" high, Two compartment steamer. Independent steam generators, 50,000 BTU's input per compartment. "SureCook" electro mechanical timer with load compensating feature. Gas valve and water level control system. Exclusive remote probe-type water level controls. Exclusive Brass "Steam Jet" distribution system. Two-piece free-floating compartment door. 14 gauge stainless steel cavity. Pullout service drawer for controls and Gemini Drain/Power Control System.

Standard Features

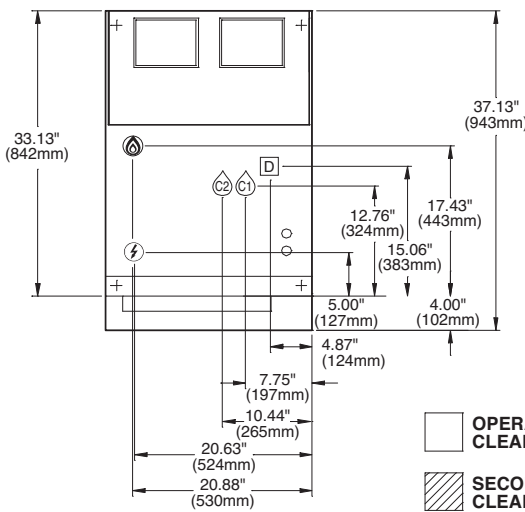
- 54.5" (1385mm) height to top of upper compartment (lower height makes maintenance easier by lowering the descaling ports)
- Each compartment has cooking capacity for 3 each 12" x 20" x 2 1/2" Steam Table Pans
- Doors hinged left and the controls on the right
- High efficiency independent Power Burner Steam Generators 50,000 BTU's for each compartment
- Each steam-cooking compartment is independently operated and controlled by a separate stainless steel steam generator, gas valve, Power On/Off Control Levers and a Exclusive, Remote Probe-Type Water Level Control
- Easy Access Cleaning Port: Each generator has a deliming port located on the outside, top of the unit
- Generator Steam Standby Mode: Holds generator at a steaming temperature, allows unit to start cooking quickly
- Each compartment has one, 60-Minute Electro-Mechanical Timer with "SureCook" load compensating feature. Manual Bypass Switch for constant steaming.
- Durable 14 Gauge, 304 Stainless Steel construction for cooking cavity and steam generator
- Exclusive Gemini Drain/Power Control System: Manual 1/2 inch "Ball Valve" type drain that controls main power On/Off and automatically fills generator (located on the control panel)
- Exclusive Brass Steam Jets distribute steam even throughout cooking compartment
- Easy, Front -Access Generator Controls comes with a pullout drawer for simple servicing of unit
- 6" Stainless Steel Adjustable Legs with Flanged Feet
- Approvals: CSA (AGA, CSA) and U.L/NSF#4
- Compartment Steam Shut-Off Switch when compartment door is opened

Options & Accessories

- Electronic Timer with Compensating Feature (ETC)
- Propane Gas (PG)
- Dissolve® Descale Solution, 6 one gallon container w/quart markings (106174)
- Water Filters

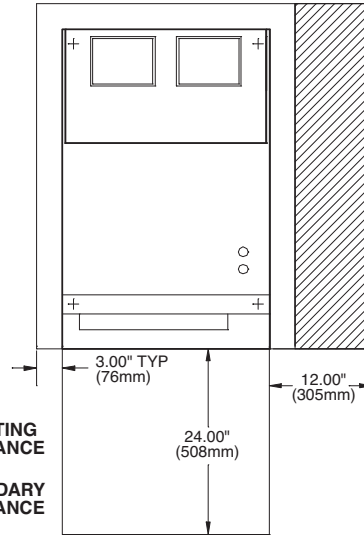
Steamcraft® Generator Style High Speed Convection Steamers

KE004046-24



 **OPERATING CLEARANCE**

 **SECONDARY CLEARANCE**

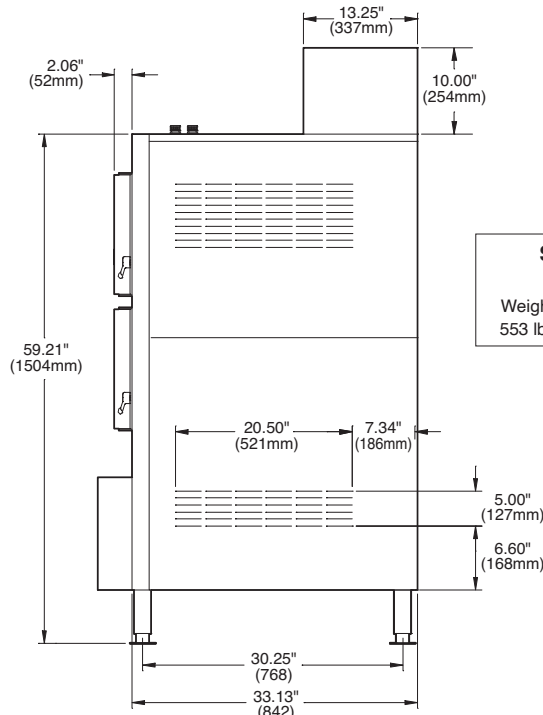
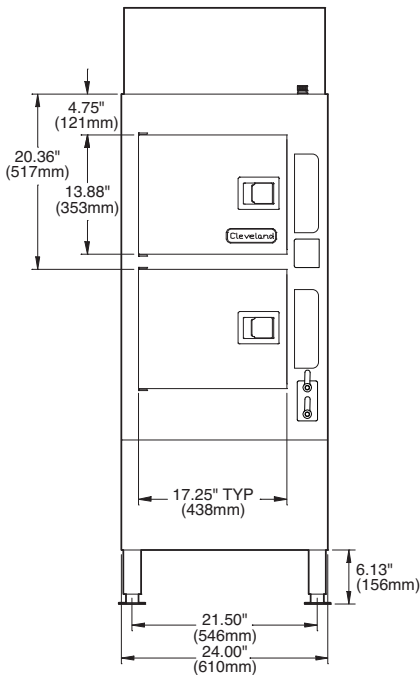


COMPARTMENT HAS CAPACITY FOR:

- Three, 12" x 20" x 2 1/2" deep Cafeteria Pans
- Six 1" x 12" x 20" deep Cafeteria Pans
- Two 4" x 12" x 20" deep Cafeteria Pans

WATER QUALITY REQUIREMENTS (Boilers, Generators)

TDS:	50-250 ppm
Hardness:	50 - 200 mm (3 - 12 gpg)
pH value:	7.0 - 8.5
CL (Chloride):	max 50 ppm
Cl2 (free chlorine):	max 0.1 ppm
SiO2 (silica):	max 13 ppm
NH2Cl:	max 0.1 ppm
(mono-chloramine)	
Total Alkalinity:	50 - 100 ppm



SHIPPING WEIGHTS & DIMENSIONS

Weight	Width	Depth	Height
553 lbs	49"	41"	78"

GAS			ELECTRIC	COLD WATER	CLEARANCE	DRAINAGE
1 1/4" IPS line size, 3/8" connection			120V-1Phase, 60 Hz.	35 psi minimum	Right - 3", Left - 3", Rear - 3" (12" on control side if adjoining wall or equipment is over 30" high for service access) Contact factory for variances to clearances.	1/2" IPS
NATURAL	PROPANE	BTU	2 Blowers & Controls	60 psi maximum		Do not connect other units to this drain
Piping 3/8" N.P.T.	Piping 3/8" N.P.T.	50,000 each	150 watts each	C2 1 1/2" IPS for Generator		Drain must not be located beneath the steamer itself
Supply pressure	Supply pressure	Generator,	** Do not connect to GFI outlet. See note below.	C1 1 1/2" IPS for Condenser		Preferred floor drain location should be a minimum distance (from the unit) of at least 12" from the left side, 12" from the right side, 6" from the front and 6" from the rear
4.50" W.C. Min.	11.00" W.C. Min.	100,000 total				Do not use PVC pipe
14.00" W.C. Max.	14.00" W.C. Max.					
Manufacturer must be notified if unit will be used above 2,000 feet						

NOTES:

**DO NOT CONNECT TO GFI OUTLET. CLEVELAND RANGE RECOMMENDS GAS FIRED 120 VOLT STEAMERS BE HARD WIRED DIRECTLY TO ELECTRICAL SYSTEM.

Cleveland Range reserves right of design improvement or modification, as warranted.

Many regional, state and local codes exist and it is the responsibility of the owner and installer to comply with the codes.

Cleveland Range equipment is built to comply with applicable standards for manufacturers. Included among those approval agencies are U.L./NSF#4 and CSA (AGA, CGA).

(NOT TO SCALE)