Chromalox®
PRECISION HEAT AND CONTROL

UL LISTED
FILE #E7061

SUBMITTAL SHEET
ICH Institutional Convection Heater

Capacities
- ***250 - 1,500 Watts***
- ***1,706 - 5,118 Btuh***
- ***120, 208, 240 & 277 Volt***
- ***Single Phase***
- ***Tamper-Resistant Construction***

See Selection Chart Back Page

JOB NAME: _____

LOCATION: _____

ARCHITECT: _____

ENGINEER: _____

CONTRACTOR: _____

SUBMITTED BY: _____

DATE: _____

QTY.	CATALOG NUMBER	TAG	HEATER			AMPS	BUILT-IN-CONTROLS
			KW	VOLTS	Ø		

ACCESSORIES AND CONTROLS

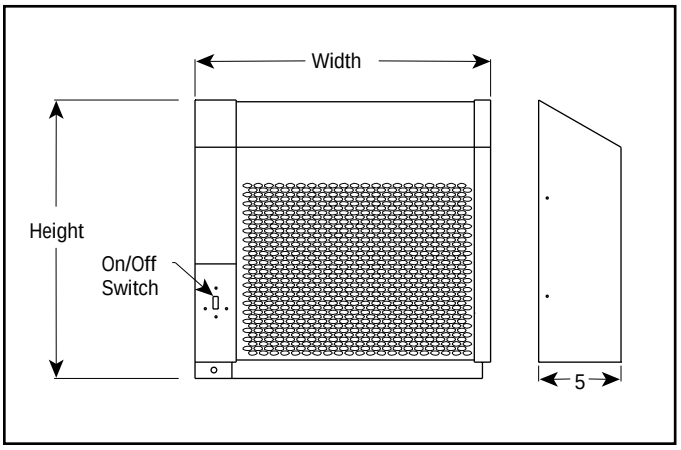
QTY.	CATALOG NO.	TAG	DESCRIPTION

Chromalox • 103 Gamma Drive Ext. • Pittsburgh, Pennsylvania 15238 • Telephone: 412-967-3800 • Fax: 412-967-5148

Specifications

kW	Volts	Elem.	Amps	Btuh	Dimensions (in.)			Model	PCN	Wt. (lbs.)
					Height	Width	Depth			
0.25	120	1	2.1	250	16	18-1/8	5	ICH-18025	228013	45
0.5	120	1	4.2	500	16	28-1/8	5	ICH-28050	228021	45
0.5	208	1	2.4	500	16	28-1/8	5	ICH-28050	228030	45
0.5	240	1	2.1	500	16	28-1/8	5	ICH-28050	228048	45
0.5	277	1	1.8	500	16	28-1/8	5	ICH-28050	228056	45
0.75	120	1	6.3	750	16	38-1/8	5	ICH-38075	228064	55
0.75	208	1	3.6	750	16	38-1/8	5	ICH-38075	228072	55
0.75	240	1	3.1	750	16	38-1/8	5	ICH-38075	228080	55
0.75	277	1	2.7	750	16	38-1/8	5	ICH-38075	228099	55
1	120	1	8.3	1,000	16	48-1/8	5	ICH-48100	228101	65
1	208	1	4.8	1,000	16	48-1/8	5	ICH-48100	228110	65
1	240	1	4.2	1,000	16	48-1/8	5	ICH-48100	228128	65
1	277	1	3.6	1,000	16	48-1/8	5	ICH-48100	228136	65
1.25	120	1	10.4	1,250	16	60-1/8	5	ICH-60125	228144	80
1.25	208	1	6	1,250	16	60-1/8	5	ICH-60125	228152	80
1.25	240	1	5.2	1,250	16	60-1/8	5	ICH-60125	228160	80
1.25	277	1	4.5	1,250	16	60-1/8	5	ICH-60125	228179	80
1.5	120	1	12.5	1,500	16	72-1/8	5	ICH-72150	228187	95
1.5	208	1	7.2	1,500	16	72-1/8	5	ICH-72150	228195	95
1.5	240	1	6.3	1,500	16	72-1/8	5	ICH-72150	228208	95
1.5	277	1	5.4	1,500	16	72-1/8	5	ICH-72150	228216	95

Dimensions (Inshes)



SUGGESTED ENGINEERING SPECIFICATIONS

Furnish and install Chromalox Type ICH Institutional Convection Heaters as shown on schedule. Enclosures shall be constructed of extra heavy perforated 12 gauge steel with the rear panel to be constructed of 16 gauge steel for long life and durability where intentional damage is expected. The front panel shall be sloped to prevent materials from blocking the heat output.

Cabinet to be assembled with special tamper proof screws to prevent unauthorized entry. The heating elements are to be Chromalox industrial grade steel fintubes with steel spiral fins furnace brazed to the sheath for maximum heat transfer.

The institutional convector shall include a linear hi-limit temperature control, heavy duty on off circuit breaker and a tamper proof thermostat (55°F-105°F). The convector shall be designed to insure the cabinet will not exceed 140°F in 70°F ambient. The Cabinet and back panel shall be zinc chromate treated and finished in almond color coat for corrosion resistance and a clean appearance.