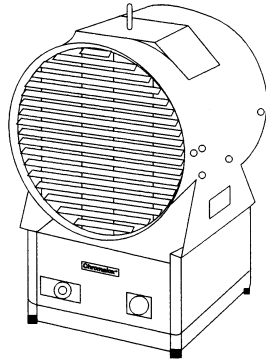




# SUBMITTAL SHEET HDH-HOSE DOWN CORROSION RESISTANT UNIT HEATERS



**Capacities**

- 2, 3, 5, 7.5, 10, 15, 20 kW
- 208, 240, 277, 480, 575V
- 1Ø and 3Ø (Varies with Model)
- 25, 30, 35, 39 kW
- 480, 575V 3Ø only

See Selection Chart - Back Page

JOB NAME: \_\_\_\_\_

LOCATION: \_\_\_\_\_

ARCHITECT: \_\_\_\_\_

ENGINEER: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

SUBMITTED BY: \_\_\_\_\_

QUANTITY: \_\_\_\_\_

DATE: \_\_\_\_\_

QTY. TROLS	CATALOG NUMBER	TAG	HEATER				MOTOR VOLTS	PHASE Ø	MOTOR RPM	AIR FLOW		NO. OF STAGES	BUILT-IN - CON -
			KW	VOLTS	Ø	AMPS				CFM	°F RISE		

ACCESSORIES  
AND  
CONTROLS

QTY.	CAT. NO.	TAG	DESCRIPTION

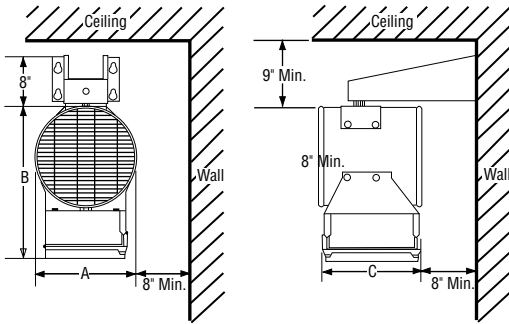
## SELECTION CHART

Electrical (60 Hz)				Motor				Air Delivery					Ordering	
kW	Volts	Phase	Amps	Volts	Phase	HP	RPM	CFM	FPM	Temp. Rise (°F)	Horiz. Throw (Ft.)	Mtg. Height (Ft.)	Model	Wt. (Lbs.)
2	120	1	16.7	115	1	1/15	1,050	405	430	21	12	8	HDH-A-200	45
2	208	1	9.6	208	1	1/15	1,050	405	430	21	12	8	HDH-A-200	45
2	240	1	8.3	240	1	1/15	1,050	405	430	21	12	8	HDH-A-200	45
2	277	1	7.2	277	1	1/15	1,050	405	430	21	12	8	HDH-A-200	45
3	120	1	25.0	115	1	1/15	1,050	405	430	31	12	8	HDH-A-300	45
3	208	1	14.4	208	1	1/15	1,050	405	430	31	12	8	HDH-A-300	45
3	240	1	12.5	240	1	1/15	1,050	405	430	31	12	8	<b>HDH-A-300</b>	45
3	277	1	10.8	277	1	1/15	1,050	405	430	31	12	8	HDH-A-300	45
5	208	1	24.0	208	1	1/15	1,050	405	430	40	12	8	HDH-A-500	50
5	240	1	20.8	240	1	1/15	1,050	405	430	40	12	8	HDH-A-500	50
5	277	1	18.1	277	1	1/15	1,050	405	430	40	12	8	HDH-A-500	50
5	480	1	10.4	480	1	1/15	1,050	405	430	40	12	8	HDH-A-500	50
5	208	3	13.9	208	1	1/15	1,050	405	430	40	12	8	HDH-A-500	50
5	240	3	12.0	240	1	1/15	1,050	405	430	40	12	8	HDH-A-500	50
5	480	3	6.0	480	1	1/15	1,050	405	430	40	12	8	<b>HDH-A-500</b>	50
5	480	3	6.0	480	1	1/15	1,050	405	430	40	12	8	<b>HDH-A-500 TSP*</b>	51
5	575	3	5.0	575	1	1/15	1,050	405	430	40	12	8	HDH-A-500	50
7.5	208	1	36.1	208	1	1/15	1,050	590	640	37	13	8	HDH-A-750	50
7.5	240	1	31.3	240	1	1/15	1,050	590	640	37	13	8	HDH-A-750	50
7.5	277	1	27.1	277	1	1/15	1,050	590	640	37	13	8	HDH-A-750	50
7.5	480	1	15.6	480	1	1/15	1,050	590	640	37	13	8	HDH-A-750	50
7.5	208	3	20.8	208	1	1/15	1,050	590	640	37	13	8	HDH-A-750	50
7.5	240	3	18.1	240	1	1/15	1,050	590	640	37	13	8	HDH-A-750	50
7.5	480	3	9.0	480	1	1/15	1,050	690	640	37	13	8	<b>HDH-A-750</b>	50
7.5	480	3	9.0	480	1	1/15	1,050	590	640	37	13	8	<b>HDH-A-750 TSP*</b>	51
7.5	575	3	7.5	575	1	1/15	1,050	590	640	37	13	8	HDH-A-750	50
10	240	1	41.7	240	1	1/15	1,050	1,180	800	28	40	9	HDH-A-1000	60
10	277	1	36.1	277	1	1/15	1,050	1,180	800	28	40	9	HDH-A-1000	60
10	480	1	20.8	480	1	1/15	1,050	1,180	800	28	40	9	HDH-A-1000	60
10	208	3	27.8	208	1	1/15	1,050	1,180	800	28	40	9	HDH-A-1000	60
10	240	3	24.1	240	1	1/15	1,050	1,180	800	28	40	9	HDH-A-1000	60
10	480	3	12.0	480	1	1/15	1,050	1,180	800	28	40	9	<b>HDH-A-1000</b>	60
10	480	3	12.0	480	1	1/15	1,050	1,180	800	28	40	9	<b>HDH-A-1000 TSP*</b>	61
10	575	3	10.1	575	1	1/15	1,050	1,180	800	28	40	9	HDH-A-1000	60
12.5	277	1	45.1	277	1	1/15	1,050	1,180	800	36	40	9	HDH-A-1250	60
12.5	480	1	26.0	480	1	1/15	1,050	1,180	800	36	40	9	HDH-A-1250	60
12.5	208	3	34.7	208	1	1/15	1,050	1,180	800	36	40	9	HDH-A-1250	60
12.5	240	3	30.1	240	1	1/15	1,050	1,180	800	36	40	9	HDH-A-1250	60
12.5	480	3	15.1	480	1	1/15	1,050	1,180	800	36	40	9	<b>HDH-A-1250</b>	60
12.5	575	3	12.6	575	1	1/15	1,050	1,180	800	36	40	9	HDH-A-1250	60
15	480	1	31.3	480	1	1/15	1,050	1,330	900	32	45	10	HDH-A-1500	60
15	208	3	41.7	208	1	1/15	1,050	1,330	900	32	45	10	HDH-A-1500	60
15	240	3	36.1	240	1	1/15	1,050	1,330	900	32	45	10	HDH-A-1500	60
15	480	3	18.1	480	1	1/15	1,050	1,330	900	32	45	10	<b>HDH-A-1500</b>	60
15	480	3	18.1	480	1	1/15	1,050	1,330	900	32	45	10	<b>HDH-A-1500 TSP*</b>	61
15	575	3	15.1	575	1	1/15	1,050	1,330	900	32	45	10	HDH-A-1500	60
19.5	240	3	47.0	240	1	1/15	1,050	1,330	900	42	45	11	HDH-A-2000	60
20	480	1	41.7	480	1	1/15	1,050	1,330	900	42	45	11	HDH-A-2000	60
20	480	3	24.1	480	1	1/15	1,050	1,330	900	42	45	11	<b>HDH-A-2000</b>	60
20	480	3	24.1	480	1	1/15	1,050	1,330	900	42	45	11	<b>HDH-A-2000 TSP*</b>	61
20	575	3	20.1	575	1	1/15	1,050	1,330	900	42	45	11	HDH-A-2000	60
25	480	3	30.1	480	3	1/3	1,550	1,800	740	42	48	12	<b>HDH-A-2500</b>	80
25	575	3	25.1	575	3	1/3	1,550	1,800	740	42	48	12	HDH-A-2500	80
30	480	3	36.1	480	3	1/3	1,550	1,800	740	50	48	13	<b>HDH-A-3000</b>	80
30	575	3	30.2	575	3	1/3	1,550	1,800	740	50	48	13	HDH-A-3000	80
35	480	3	42.1	480	3	1/3	1,550	1,800	740	57	48	14	<b>HDH-A-3500</b>	80
35	575	3	35.2	575	3	1/3	1,550	1,800	740	57	48	14	HDH-A-3500	80
39	480	3	47.0	480	3	1/3	1,550	1,800	740	65	48	15	<b>HDH-A-4000</b>	80
39	575	3	39.2	575	3	1/3	1,550	1,800	740	65	48	15	HDH-A-4000	80

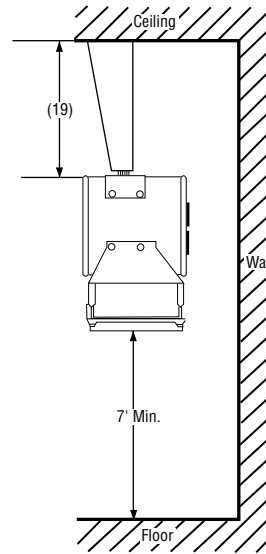
\* HDH-A Series heaters with TSP suffix includes thermostat, selector switch and pilot light.

## MOUNTING DIMENSIONS

### WALL MOUNTING



### CEILING MOUNTING



### DIMENSIONS (In.)

kW	Volts	Phase	A	B	C
2.0 - 7.5	ALL	1, 3	13-5/8	20-3/4	13-1/4
10.5 - 20.0	ALL	1, 3	16-3/4	24-1/8	14-1/8
25.0 - 39.0	480, 575	3	21-1/8	30-1/2	16

### SPECIFICATIONS

- Electric Unit Heaters shall be Chromalox HDH Series, with built-in controls, UL Listed and CSA Certified for corrosive areas and NEMA 4X hose down requirements. Heater to be forced fan type of the kW rating, voltage and phase specified in the schedule.
- The heating elements shall be type 316 Stainless Steel of finned tubular construction with stainless steel fittings which form a water tight seal between the elements and the junction box.
- The motor shall be UL Listed and CSA Certified, totally enclosed, epoxy painted with permanently lubricated ball bearings, designed to resist moisture and corrosion, fitted with an epoxy coated aluminum fan blade and factory wired to NEMA 4X enclosure.
- Heating elements and motor to be enclosed in a sturdy, heavy gauge stainless steel shroud, with louvered outlet grille and rear grille each painted with one coat of zinc chromate primer and two coats of corrosion resistant epoxy paing.
- NEMA 4X enclosure to house element terminals and following standard built-in controls: Automatic reset overtemperature cutout, fan delay relay, required contactors, and terminal blocks for field wiring. A separate motor contactor will be supplied along with 120V control transformer.
- Universal Mounting Bracket constructed of 14 gauge stainless steel, suitable for ceiling or wall mounting, shall be provided.
- The following **optional** controls are to be built-in and factory-rewired in the NEMA 4X enclosure:
  - Thermostat with External Adjustable Knob
  - Three Position Selector Switch
  - Pilot Light to indicate when heating elements are energized
  - Secondary Manual Reset Thermal Cutout
  - Alternate Case Material - Anodized Aluminum or Epoxy Painted Steel
  - Special Voltage
  - Power Disconnect Switch
  - Accessory thermostat, Chromalox Model WCRT-100, shall be furnished with each heater for remote wall mounting. Thermostat shall be UL Listed with NEMA 4X enclosure.