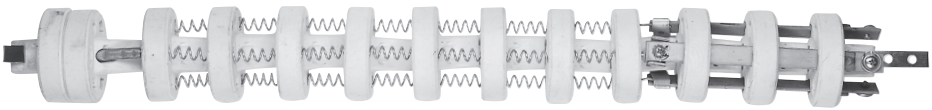
CHROMALOX

OCE

Open Coil Elements



- 1-7/8 and 2-3/4" Outside Dia.
- 60 - 320" (5 - 26 Ft.) Lengths
- 4 - 20 kW Single Element Ratings
- 3 - 12 W/In^2 (Pipe Surface)
- 240 and 480V, Three Phase (600V available)
- For Use In Horizontal 2 or 3" Schedule 40 NPS Pipe

APPLICATIONS

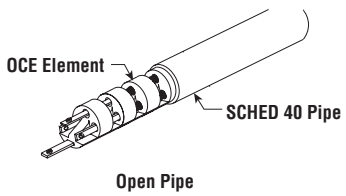
Chromalox OCE Open Coil Element assemblies are specifically designed to fit inside standard 2 or 3" Schedule 40 NPS pipe for use in tank and pipe heating. They can also be used inside metal tubing. (Requires 1/8" min. clearance between ceramic and inside tube wall.)

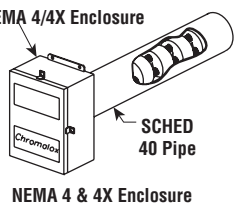
An OCE heater assembly installed inside a Schedule 40 NPS pipe provides uniform heat over a large surface area. This method of indirect heating lowers the watt density or heat flux on the surface area of the pipe in contact with the heated media, reducing the tendency to coke or breakdown heat sensitive materials.

OCE NEMA Enclosure Kits

Pipe Size (NPS)	Rating	Part Number	Wt. (Lbs.)
2"	NEMA4	122571017	8
3"	NEMA4X	122571016	8
2"	NEMA4	122571066	8
3"	NEMA4X	122571028	8

Typical Applications





FEATURES

Rugged Construction — Insulating supports are made of high density electrical ceramic

Easy Installation — Only 3 feet is required for installation or removal in cramped areas

Highly Flexible — Can be bent in a vertical plane on a minimum 12" radius

Continuous Support Bar positions the ceramic insulators and provides sufficient rigidity for handling and installation in pipe

Heavy Gauge Bus Bars provide spacing of heated section away from terminal area

Heavy Gauge Resistance Wire provides reliable service and long element life

Special Ratings and Lengths available

CAUTION — OCE elements should never be mounted in a vertical position as the resistance wire will sag causing uneven heating and short circuits. Allow 3/8" per foot of heater length for expansion. Users should install temperature regulating controls, fusing and backup safety devices.

Specifications and Ordering Information

kW	Watt[1] Density	Pipe Size (NPS)	Length (In.)	Cold End (In.)	Model		Stock	Wt. (Lbs.)
					240V 3 Phase	480V 3 Phase		
4	10	2"	60	8	OCE-05040-2-24-3	OCE-05040-2-48-3	NS	8
8	12	2"	96	6	OCE-08080-2-24-3	OCE-08080-2-48-3	NS	12
12	12	2"	144	6	OCE-12120-2-24-3	OCE-12120-2-48-3	NS	18
20	12	2"	240	6	Not Available	OCE-20200-2-48-3	NS	30
5	7.8	3"	66	8	Not Available	OCE-06050-3-48-3	NS	9
5.6	3	3"	184	15	OCE-15056-3-24-3	OCE-15056-3-48-3	NS	33
6	3	3"	188	15	OCE-15060-3-24-3	OCE-15060-3-48-3	NS	35
6.5	3	3"	206	15	OCE-17065-3-24-3	OCE-17065-3-48-3	NS	38
6.7	3	3"	212	15	OCE-17067-3-24-3	OCE-17067-3-48-3	NS	39
6.9	3	3"	219	15	OCE-19069-3-24-3	OCE-19069-3-48-3	NS	40
7.2	3	3"	230	15	OCE-19072-3-24-3	OCE-19072-3-48-3	NS	42
7.5	3	3"	236	15	OCE-19075-3-24-3	OCE-19075-3-48-3	NS	43
10	4	3"	236	15	OCE-19100-3-24-3	OCE-19100-3-48-3	NS	43
12.5	5	3"	236	15	OCE-19125-3-24-3	OCE-19125-3-48-3	NS	43
7.6	3	3"	242	15	OCE-20076-3-24-3	OCE-20076-3-48-3	NS	44
8	3	3"	242	15	OCE-20080-3-24-3	OCE-20080-3-48-3	NS	44
8	3	3"	255	15	OCE-21080-3-24-3	OCE-21080-3-48-3	NS	47
9	3	3"	284	15	OCE-23090-3-24-3	OCE-23090-3-48-3	NS	52
9.6	3	3"	308	15	OCE-25096-3-24-3	OCE-25096-3-48-3	NS	56
10	3	3"	314	15	OCE-26100-3-24-3	OCE-26100-3-48-3	NS	58
10.3	3	3"	320	15	OCE-26103-3-24-3	OCE-26103-3-48-3	NS	59

Stock Status: **S** = stock NS = non-stock
To Order— Specify model, volts, phase, kW, length, cold end and quantity.

1. Watt Density based on the outside surface area of 2 or 3" Schedule 40 NPS pipe.
2. Alternate voltages available, contact your Local Chromalox Sales office.

Other Note — Optional NEMA 4 or 4X Enclosure Kit for field installation.

Ordering Guidelines

Open Coil Elements

Ordering Information

To Order— Specify model, volts, phase, kW, PCN (where available) and options desired. Complete model number using the matrix provided.

Model	Large Tank Heating Systems					
OCE	Open Coil Element					
	Code	**Length (nearest Ft.)**				
	19	19				
		Code	**Wattage**			
		125	12.5 kW (use actual kilowatt in three digits i.e. 5 kW=050 or 0.5 kW=005)			
			Code	**Pipe Size (Schedule 40)**		
			2	2" NPS		
			3	3" NPS		
				Code	**Voltage**	
				20	208	**24** 240 **38** 380
				41	415	**48** 480 **57** 575
					Code	**Phase**
					1	Single
					3	Three
OCE	**19**	**125**	**3**	**24**	**3**	**Typical Model Number**

Note — NEMA 4 or 4X terminal enclosure kit is available for field installation by contacting your Local Chromalox Sales office.