

## FXTH-B

### Flexible Tank Immersion Heater

- 12 - 40 Ft. Immersed Length (1, 2 or 3 Flexible Assemblies)
- 6 - 60 kW (20 - 2,045 Mbh)
- 240 and 480V<sup>2</sup>, 3 Phase
- Low Watt Density, High Wattage
- Installs through Manhole in Tank above or below ground. (14" Dia. Min.)
- Optional NEMA 4 (WCC) Control Center<sup>3</sup>



Optional WCC or OCC Control Center<sup>3</sup>

#### Applications

Chromalox FXTH Immersion Heaters provide low watt density heating for such materials as asphalt, fuel oil, pitch and tar, liquid sugar, molasses, lube oils, linseed oil and other heat sensitive materials. FXTH heaters can be installed through the manhole opening in existing large tanks above or below ground without welding, cutting or cleaning. FXTH heaters can be used in steel, concrete and Fibreglas<sup>®</sup> tanks or in open top process tanks.

#### Features

**No Tank Modification Required** — Installs through normal manhole opening

**No Hot Spots or Carbonization** — Heat is evenly spread along the bottom of the tank

**Weather Proof Terminal Enclosure** contains process and overtemperature thermocouples. Overtemperature thermowell is attached to heater sheath (one per tube)

**Basic Heater Assembly** includes flexible pipe, terminal enclosure, 14 foot risers, two lifting cables and 4 inch high sludge legs

**Optional Control Center<sup>3</sup>** with weather proof (WCC) electrical enclosure completely wired with indicating electronic process control, fail-safe overtemperature controls, master circuit breaker, contactors, fuses, pilot lights, switches and 120V control transformer. Other control options include recorders, time clock, audible alarm and mounting legs.

#### Specifications and Ordering Information

kW	Manhole		No. Tubes	W/In <sup>2</sup>	Model		Stock	Wt. (Lbs.)
	Size (In.)	Length (Ft.)			240V 3 Phase <sup>1</sup>	480V 3 Phase <sup>1</sup>		
6	14	12	1	4.1	FXTH-11206B-24	FXTH-11206B-48	NS	79
8	14	15	1	4.4	FXTH-11508B-24	FXTH-11508B-48	NS	97
10	14	15	1	5.4	FXTH-11510B-24	FXTH-11510B-48	NS	97
12	14	15	1	6.5	FXTH-11512B-24	FXTH-11512B-48	NS	97
10	14	20	1	4.1	FXTH-12010B-24	FXTH-12010B-48	NS	127
12	14	20	1	4.9	FXTH-12012B-24	FXTH-12012B-48	NS	127
15	14	20	1	6.1	FXTH-12015B-24	FXTH-12015B-48	NS	127
18	14	27	1	5.4	FXTH-12718B-24	FXTH-12718B-48	NS	170
21	14	30	1	5.7	FXTH-13021B-24	FXTH-13021B-48	NS	190
24	14	32	1	6.1	FXTH-13224B-24	FXTH-13224B-48	NS	205
27	14	35	1	6.3	FXTH-13527B-24	FXTH-13527B-48	NS	225
30	14	40	1	6.1	FXTH-14030B-24	FXTH-14030B-48	NS	250
12	18	12	2	4.1	FXTH-21212B-24	FXTH-21212B-48	NS	157
16	18	15	2	4.4	FXTH-21516B-24	FXTH-21516B-48	NS	194
20	18	15	2	5.4	FXTH-21520B-24	FXTH-21520B-48	NS	194
24	18	15	2	6.5	FXTH-21524B-24	FXTH-21524B-48	NS	194
20	18	20	2	4.1	FXTH-22020B-24	FXTH-22020B-48	NS	253
24	18	20	2	4.9	FXTH-22024B-24	FXTH-22024B-48	NS	253
30	18	20	2	6.1	FXTH-22030B-24	FXTH-22030B-48	NS	253
36	18	27	2	5.4	FXTH-22736B-24	FXTH-22736B-48	NS	340
42	18	30	2	5.7	FXTH-23042B-24	FXTH-23042B-48	NS	380
48	18	32	2	6.1	FXTH-23248B-24	FXTH-23248B-48	NS	405
54	18	35	2	6.3	FXTH-23554B-24	FXTH-11206B-48	NS	440
60	18	40	2	6.1	FXTH-24060B-24	FXTH-24060B-48	NS	500
18	24	12	3	4.1	FXTH-31218B-24	FXTH-31218B-48	NS	236
30	24	15	3	5.4	FXTH-31530B-24	FXTH-31530B-48	NS	291
36	24	15	3	6.5	FXTH-31536B-24	FXTH-31536B-48	NS	291
30	24	20	3	4.1	FXTH-32030B-24	FXTH-32030B-48	NS	370
36	24	20	3	4.9	FXTH-32036B-24	FXTH-32036B-48	NS	370
45	24	20	3	6.1	FXTH-32045B-24	FXTH-32045B-48	NS	370

**Stock Status:** S = stock AS = assembly stock NS = non-stock

**To Order**—Specify model, volts, phase, kW, options and quantity.

1. Other voltages available, contact your Local Chromalox Sales office.
2. Special ratings, extra riser height, terminal enclosure manhole adapters and separate low-temperature alarm contacts available.
3. Matching control panels (model WCC) available with a wide variety of options.