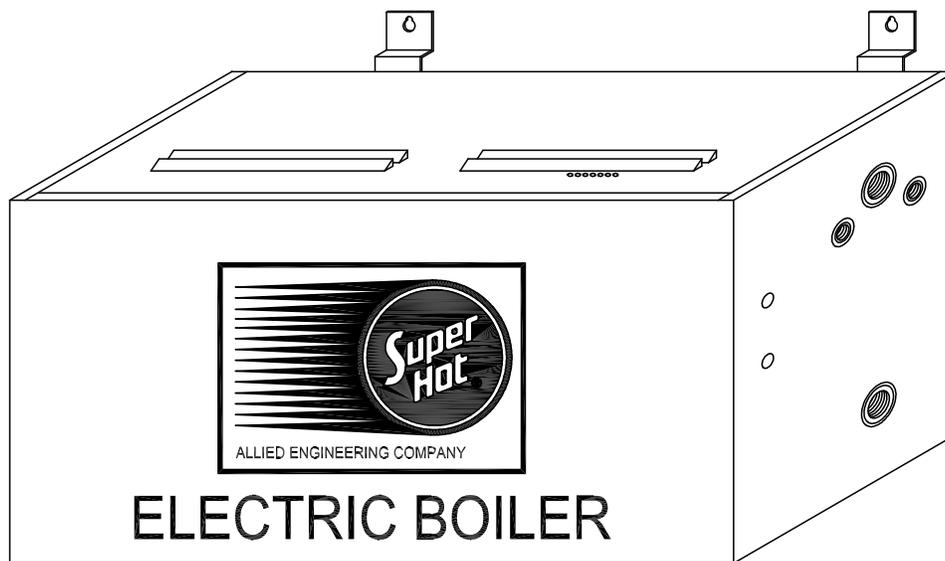


“BT” SERIES

**Electric Boilers
for
Hydronic Heating**



Featuring our newest

“BiTronic Control System”

**The “BiTronic Control System” in the new
“BT” Series boiler has been designed to take
comfort and dependability to a new and higher level.**





BT SERIES ELECTRIC BOILERS

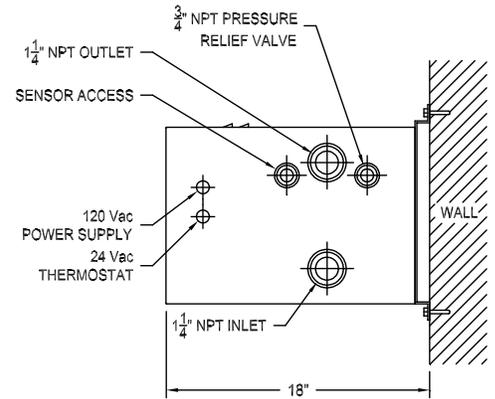
HYDRONIC HEATING at its best

Features and Benefits:

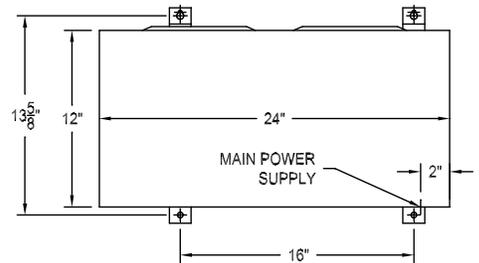
“BiTronic Control System”

- Sophisticated Electronic Control Panel
- Time & Temperature Control Criteria
- Automatically Adjusts for Seasonal Changes in Heat Load
- Only the Elements Required will be Electronically Activated
- Phased in Power Draw
- Accurate Electronic Temperature Controllers for Maximum Comfort
- Integral 40 VA Control Transformer & Pump Relay
- Factory Wired for Easy Installation
- Diagnostic LED Indicator Lights

“Bullet Proof” Dependability & Comfort



RIGHT SIDE

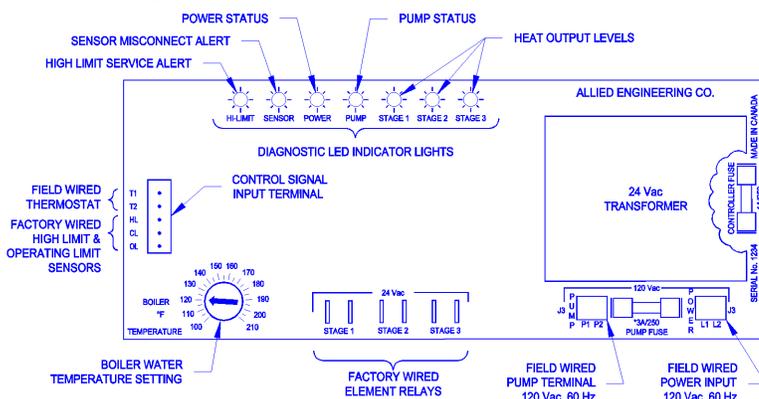


FRONT

Super Hot Electric Boilers			Single Phase		Three Phase			
			208 Vac	240 Vac	208 Vac	240 Vac	480 Vac	600 Vac
Model	kW	Btu/Hr	Amp	Amp	Amp	Amp	Amp	Amp
6BT	6	20,474	28.9	25.0	16.7	14.4	7.2	5.8
9BT	9	30,708	43.3	37.5	25.0	21.6	10.8	8.7
12BT	12	40,848	57.7	50.0	33.3	28.8	14.4	11.5
15BT	15	51,185	72.1	62.5	41.6	36.0	18.0	14.4
18BT	18	61,422	86.5	75.0	54.6*	47.3*	23.7*	18.9*
20BT	20	68,240	96.2	84.3	63.6*	55.1*	27.6*	22.0*
24BT	24	81,895	115	100	66.5	57.7	28.8	23.1
27BT	27	92,124	130	113	74.9	64.9	32.4	26.0
30BT	30	102,369	144	125	83.2	72.1	36.0	28.8
34BT	34	116,008	164	142	100*	87.0*	43.5*	34.8*
38BT	38	129,656	183	158	118*	102*	50.5*	40.4*
42BT	42	143,304	202	175	116	101	50.5	40.4
45BT	45	153,540	216	188	125	108	57.7*	46.2*
48BT	48	163,776	231	200	138*	119*	59.6*	47.7*
54BT	54	184,248	260	225	150	130	64.9	52.0

* Delta connection (unbalanced load) amperage of high leg indicated.

The “BiTronic Control” LED Indicator Lights Offer Superior Diagnostic Capabilities.



Special Features:

- Sizes available from 6 kW to 54 kW
- Flange Type Elements
- Power is Switched on Both Legs of Contactors
- Single Phase: 208 or 240 Volts
- Three Phase: 208, 240, 480 or 600 Volts
- Diagnostic LED Indicator Lights
- “BiTronic Control System”

Every Super Hot BT Series Electric Boiler Comes Complete With:

- Temperature / Pressure Gauge
- Pressure Relief Valve 30 PSI
- Wall Mount Brackets (16” Centers)
- Drain Valve

Packaged “PS” Option Available:

- Automatic Air Vent
- Expansion Tank
- 1 1/4” Circulator
- Air Purger
- Fill Valve



ALLIED ENGINEERING COMPANY

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