



500, 9th Avenue  
 Richmond (Quebec) J0B 2H0  
**1-888-854-1111**  
 Phone : (819) 826-5613  
 Fax : (819) 826-6370



# DoubleMax

## INSTANTANEOUS INDIRECT DOUBLE-WALL WATER HEATER

### LIST PRICING

Model	LIST Price	Utility connection	Boiler connection	Tank volume	Equipment weight	Shipping weight	Height	Diameter
DoubleMax50-4	\$6,138	1 1/2" copper, Sweat F	1 1/4" NPTM	50 US gallons	260 lbs	340 lbs	59 1/4"	22"
DoubleMax80-5	\$8,140	1 1/2" copper, Sweat F	1 1/2" NPTM	80 US gallons	355 lbs	440 lbs	73 3/4"	24"
DoubleMax120-9	\$13,375	2" copper, Sweat F	2" NPTM	119 US gallons	530 lbs	620 lbs	76 1/4"	28"
DoubleMax120-9A 125*	\$14,519	2 1/2" copper, Sweat F	2" NPTM	120 US gallons	530 lbs	620 lbs	76 3/4"	28"

\* Models built in conformity to the ASME standard

### Standard equipment

- Patented injectors and technology
- Maximum boiler temperature of 200°F
- Helicoidal double-wall copper heat exchanger
- Steel tank **not vitrified, for closed circuit systems**
- Additional connections
- 2" HFC-free polyurethane insulation
- Automatic air vent
- Immersion well
- Drain valve
- Aquastat with adjustable temperature differential
- Temperature-pressure indicator
- Heavy gauge steel jacket coated in resistant epoxy paint
- Safety valve 30 psi (models DoubleMax 50-4 and 80-5)
- Safety valve 50 psi (models DoubleMax 120-9)
- Maximum operating pressure of 150 PSI

All taxes excluded. Prices subject to change without notice. EXW Richmond.





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MINI BTH



MINI ULTRA

# MINI 240V

Electric hot water boiler

## LIST PRICING

### MINI BTH 120/240 Vac / 60 Hz / 1 phase\*

Model	List Price	Power		Charge Amp
		kW	BTU/H	
MINIBTHUS3	\$958	3	10239	12.5
MINIBTHUS4.5	\$968	4.5	15359	18.8
MINIBTHUS6	\$973	6	20478	25
MINIBTHUS7.5	\$1,091	7,5	25590	32
MINIBTHUS9	\$1,112	9	30717	37.5
MINIBTHUS12	\$1,133	12	40944	50

### MINI ULTRA 120/240 Vac / 60 Hz / 1 phase\*

Model	List Price	Power		Charge Amp
		kW	BTU/H	
MINIULTUS3	\$1,171	3	10239	12.5
MINIULTUS4.5	\$1,181	4.5	15359	18.8
MINIULTUS6	\$1,315	6	20478	25
MINIULTUS7.5	\$1,321	7.5	25590	32
MINIULTUS9	\$1,326	9	30717	37.5
MINIULTUS12	\$1,346	12	40944	50

\*Also certified for 208V/1ph at 75% of their nominal capacity

**\*\*NOTE – ALL METRO NY REQUIRES ASME CERTIFICATION\*\***

Standard equipment	Optional equipment
--------------------	--------------------

- Insulated R12
- Pump power supply 120VAC
- Thermostat and accessories power supply 24 VAC
- High-limit control for temperature
- Safety valve 30 psi and drain valve
- Tridicator

\* ASME and CRN certified

Extra: \$255

**MINI ULTRA**

- Electric elements controlled by the UltraSmart electronic controller
- Outdoor temperature sensor included
- Controller allow boiler reset temperature vs outdoor temp.
- Boiler heats on demand only
- Compatible with direct Bi-energy installation
- Two stages modulation

**MINI BTH**

- Electric elements controlled by aquastats
- Indicator light for operating elements
- Winter/Summer ON/OFF switch



Connections		Dimensions	
Water supply	¾ in NPTF	Height	21 1/2 in
Water return	¾ in NPTF	Width	8 7/8 in
Safety valve	¾ in NPTF	Depth	8 3/4 in
Drain valve	¾ in NPTF	Reservoir volume	1 gal. us
		<b>Weight</b>	<b>47 lbs</b>



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12 to 24 kW



27 to 29 kW



33 to 36 kW

# BTH ULTRA 240V

Electric hot water boiler

## LIST PRICING

120/240 Vac / 60 Hz / 1 phase\*

Model	LIST Price	Power		Charge Amp
		kW	BTU/hour	
BTHULTUS24012**	\$1,734	12	40944	50
BTHULTUS24015	\$1,787	15	51180	63
BTHULTUS24018	\$1,831	18	61416	75
BTHULTUS24020	\$1,853	20	68240	83
BTHULTUS24024	\$1,876	24	81888	100
BTHULTUS24027	\$2,136	27	92124	113
BTHULTUS24029	\$2,161	29	98948	121
BTHULTUS24033A	\$2,767	33	112596	138
BTHULTUS24036A	\$2,807	36	122832	150

\*Also certified for 208V/1ph at 75% of their nominal capacity

\*\*See our MINI ULTRA electric boiler series available from 6 to 12 kW

**\*\*NOTE – ALL METRO NY REQUIRES ASME CERTIFICATION\*\***

### Standard equipment

- Electric elements controlled by the **UltraSmart electronic control**
- Insulated R12
- 24 V electrical supply for thermostat and other accessories
- Pump relay and 120Vac pump supply
- Tridicator
- Outdoor temperature sensor included
- High-limit control for temperature
- Safety valve 30 psi and drain valve
- Controller allowing boiler reset temperature vs outdoor temp. and modulation of the stages.
- Breakers on model BTH ULTRA 33A and 36A
- Can directly be installed in Dual-Energy **without** the external CBE-EM controller.
- ASME certification and CRN on models BTHULTRA 33A and BTHULTRA 36A.

### Optional equipment

• **ASME and CRN certified**

12 to 24KW Extra: \$340  
 27 to 29 KW Extra: \$385

• **Three way valve (Dual Energy)**

1" NPT M \$507  
 1 1/4" NPT M \$555

Data	12 à 24KW	27 à 36KW
Supply	1 " NPT F	1 1/4 " NPT F
Return	1 " NPT F	1 1/4 " NPT F
Height	21 1/2"	21 1/2"
Width	8 7/8"	11"
Length	11 3/4"	11 3/4"
Reservoir volume	2 gallons	3 gallons
Weight	63 lb	75 lb



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7 to 27 KW

# BTH ULTRA 208V

Electric hot water boiler

## LIST PRICING

208 Vac / 60 Hz / 3 phases*				
Code#	LIST Price	Power kW	BTU/h	Charge Amp
BTHULTUS20807	\$2,275	7	22916	19
BTHULTUS20810	\$2,312	10	34375	28
BTHULTUS20811	\$2,331	11	38194	31
BTHULTUS20813	\$2,387	13	45833	37
BTHULTUS20817	\$2,426	17	57291	47
BTHULTUS20820	\$2,459	20	68749	56
BTHULTUS20822	\$2,487	22	76388	62
BTHULTUS20825	\$2,515	25	84027	68
BTHULTUS20827	\$2,543	27	91666	74

\*Also certified for 240V/3ph at 134% of their nominal capacity

**\*\*NOTE – ALL METRO NY REQUIRES ASME CERTIFICATION\*\***

Standard equipment	Optional equipment
--------------------	--------------------

- Electric elements controlled by the UltraSmart electronic control
- Insulated R12
- 24 V electrical supply for thermostat and other accessories
- Pump relay
- Tridicator
- Outdoor temperature sensor included
- High-limit control for temperature
- Safety valve 30 psi and drain valve
- Controller allowing boiler reset temperature vs outdoor temp. and modulation of the stages.
- **Can directly be installed in Dual-Energy without the external CBE-EM controller.**

· **ASME and CRN certified**

Extra: \$385

· **Three way valve (Dual Energy)**

1" NPT M \$507  
 1 1/4" NPT M \$555

Data	7 à 27KW
Supply	1 1/4" NPT F
Return	1 1/4" NPT F
Height	21 1/2"
Width	11"
Length	11 3/4"
Reservoir volume	3 gallons
Weight	75 lb





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15 to 36 KW

# BTH ULTRA 480V

*Electric hot water boiler*

## LIST PRICING

480 Vac / 60 Hz / 3 phases				
Code#	LIST Price	Power		Charge Amp
		kW	BTU/h	
BTHULTUS48015	\$2,253	15	51180	18
BTHULTUS48018	\$2,275	18	61416	22
BTHULTUS48030	\$2,388	30	102360	36
BTHULTUS48036A	\$2,722	36	122832	43

**\*\*NOTE – ALL METRO NY REQUIRES ASME CERTIFICATION\*\***

Standard equipment	Optional equipment
<ul style="list-style-type: none"> <li>· Electric elements controlled by the UltraSmart electronic control</li> <li>· Insulated R12</li> <li>· 24 V electrical supply for thermostat and other accessories</li> <li>· Pump relay</li> <li>· Tridicator</li> <li>· Outdoor temperature sensor included</li> <li>· High-limit control for temperature</li> <li>· Safety valve 30 psi and drain valve</li> <li>· Controller allowing boiler reset temperature vs outdoor temp. and modulation of the stages.</li> <li>· <b>Can directly be installed in Dual-Energy without the external CBE-EM controller.</b></li> <li>· ASME certification and CRN on model BTHULTRA 36A.</li> </ul>	<ul style="list-style-type: none"> <li>· <b>ASME and CRN certified</b></li> <li>15 to 30KW Extra: <b>\$385</b></li> <li>· <b>Three way valve (Dual Energy)</b></li> <li>1" NPT M <b>\$507</b></li> <li>1 1/4" NPT M <b>\$555</b></li> </ul>

Data	15 à 36KW
Supply	1 1/4" NPT F
Return	1 1/4" NPT F
Height	21 1/2"
Width	11"
Length	11 3/4"
Reservoir volume	3 gallons
Weight	75 lb



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9 to 36 KW

# BTH ULTRA 600V

*Electric hot water boiler*

## LIST PRICING

600 Vac / 60 Hz / 3 phases				
Code#	LIST Price	Power		Charge Amp
		kW	BTU/h	
BTHULTUS60009	\$2,205	9,0	30708	9
BTHULTUS60013	\$2,239	13,5	46062	13
BTHULTUS60018	\$2,317	18,0	61416	17
BTHULTUS60022	\$2,341	22,5	76770	21
BTHULTUS60027	\$2,369	27,0	92124	26
BTHULTUS60030	\$2,388	30,0	102360	29
BTHULTUS60036A	\$2,722	36,0	122832	35

**\*\*NOTE – ALL METRO NY REQUIRES ASME CERTIFICATION\*\***

### Standard equipment

- Electric elements controlled by the UltraSmart electronic control
- Insulated R12
- 24 V electrical supply for thermostat and other accessories
- Pump relay
- Tridicator
- Outdoor temperature sensor included
- High-limit control for temperature
- Safety valve 30 psi and drain valve
- Controller allowing boiler reset temperature vs outdoor temp. and modulation of the stages.
- **Can directly be installed in Dual-Energy without the external CBE-EM controller.**
- ASME certification and CRN on model BTHULTRA 36A

### Optional equipment

- **ASME and CRN certified**  
 9 to 30KW Extra: **\$385**
- **Three way valve (Dual Energy)**
  - 1" NPT M **\$507**
  - 1 1/4" NPT M **\$555**

### Data

#### 15 à 36KW

Supply	1 1/4" NPT F
Return	1 1/4" NPT F
Height	21 1/2"
Width	11"
Length	11 3/4"
Reservoir volume	3 gallons
Weight	75 lb



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**Electric high-volume boiler**  
**ALTSOURCE 50**

**LIST PRICING**

*240Vac/60 Hz/1ph\* - 3 conductors L1-L2-N or 2 cond. L1-L2 si 120v if pump supply is not required*

Code	LIST Price	Power		stage	Volume gal U.S.	Charge Amp	Weight lbs
		KW	BTU/hr				
ALTSOU50-4.5US	\$2,755	4.5	15 350	1	48	19	310
ALTSOU50-7.5US	\$2,981	7.5	25 600	2	48	31	310
ALTSOU50-9US	\$3,000	9	30 700	2	48	38	310
ALTSOU50-12US	\$3,020	12	40 944	2	48	50	310
ALTSOU50-15US	\$3,762	15	51 180	4	48	63	310
ALTSOU50-18US	\$3,802	18	61 416	4	48	75	310
ALTSOU50-20US	\$3,840	20	68 240	4	48	83	310
ALTSOU50-24US	\$3,880	24	81 888	4	48	100	310

**With option copper coil heat exchanger for DHW 3/4"**

**LIST PRICING**

*240Vac/60 Hz/1ph\* - 3 conductors L1-L2-N or 2 cond. L1-L2 si 120v if pump supply is not required*

Code	LIST Price	Power		stage	Volume gal U.S.	Charge Amp	Weight lbs
		KW	BTU/hr				
ALTSOUCOIL50-4.5US	\$3,935	4.5	15 350	1	48	19	310
ALTSOUCOIL50-7.5US	\$4,161	7.5	25 600	2	48	31	310
ALTSOUCOIL50-9US	\$4,180	9	30 700	2	48	38	310
ALTSOUCOIL50-12US	\$4,200	12	40 944	2	48	50	310
ALTSOUCOIL50-15US	\$4,942	15	51 180	4	48	63	310
ALTSOUCOIL50-18US	\$4,982	18	61 416	4	48	75	310
ALTSOUCOIL50-20US	\$5,020	20	68 240	4	48	83	310
ALTSOUCOIL50-24US	\$5,060	24	81 888	4	48	100	310

**Standard Equipments**

- Heating elements controlled by our "UltraSmart" electronic controller
- Automatic air purger
- Safety limit controls`
- Pressure relief valves on boiler and domestic water
- Outdoor temperature sensor included
- Pump relay for heating
- Temperature and Pressure indicator
- 24vac transformer allowing thermostat supply
- Drain valves on the tank
- Ready for dual energy application



**Dimensions and connections**

<b>ALTSOURCE 50</b>			
Boiler inlet	1" NPTM	Maximum boiler operating pressure	30 lb/po2
Boiler outlet	1" NPTM	Maximum domestic water operating pressure	125 lb/po2
Height	56-7/16"		
Depth	25"		
Width:	22"		
Weight	280 lbs		

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# ALTSOURCE 70

## LIST PRICING

**240Vac/60 Hz/1ph\*** - 3 conductors **L1-L2-N** or 2 cond. **L1-L2** si 120v if pump supply is not required

Code	LIST Price	Power		stage	Volume gal U.S.	Charge Amp	Weight lbs
		KW	BTU/hr				
ALTSOU70-4.5US	\$3,129	4.5	15 350	1	71	19	410
ALTSOU70-7.5US	\$3,390	7.5	25 600	2	71	31	410
ALTSOU70-9US	\$3,410	9	30 700	2	71	38	410
ALTSOU70-12US	\$3,430	12	40 944	2	71	50	410
ALTSOU70-15US	\$4,084	15	51 180	4	71	63	410
ALTSOU70-18US	\$4,123	18	61 416	4	71	75	410
ALTSOU70-20US	\$4,162	20	68 240	4	71	83	410
ALTSOU70-24US	\$4,202	24	81 888	4	71	100	410
ALTSOU70-27US	\$4,369	27	92 124	6	71	113	410
ALTSOU70-29US	\$4,408	29	98 948	6	71	120	410

\*Also certified for 208V/1ph at 75% of their nominal capacity

**With option copper coil heat exchanger for DHW 3/4"**

## LIST PRICING

**240Vac/60 Hz/1ph\*** - 3 conductors **L1-L2-N** or 2 cond. **L1-L2** si 120v if pump supply is not required

Code	LIST Price	Power		stage	Volume gal U.S.	Charge Amp	Weight lbs
		KW	BTU/hr				
ALTSOUCOIL70-4.5US	\$4,308	4.5	15 350	1	71	19	410
ALTSOUCOIL70-7.5US	\$4,570	7.5	25 600	2	71	31	410
ALTSOUCOIL70-9US	\$4,590	9	30 700	2	71	38	410
ALTSOUCOIL70-12US	\$4,609	12	40 944	2	71	50	410
ALTSOUCOIL70-15US	\$5,264	15	51 180	4	71	63	410
ALTSOUCOIL70-18US	\$5,302	18	61 416	4	71	75	410
ALTSOUCOIL70-20US	\$5,342	20	68 240	4	71	83	410
ALTSOUCOIL70-24US	\$5,382	24	81 888	4	71	100	410
ALTSOUCOIL70-27US	\$5,548	27	92 124	6	71	113	410
ALTSOUCOIL70-29US	\$5,588	29	98 948	6	71	120	410

\*Also certified for 208V/1ph at 75% of their nominal capacity

### Standard Equipments

- Heating elements controlled by our "UltraSmart" electronic controller
- Automatic air purger
- Safety limit controls
- Pressure relief valves on boiler and domestic water
- Outdoor temperature sensor included
- Pump relay for heating
- Temperature and Pressure indicator
- 24vac transformer allowing thermostat supply
- Drain valves on the tank
- Ready for dual energy application



### Dimensions and connections

ALTSOURCE	70		
Boiler inlet	1 1/4" NPTM	Maximum boiler operating pressure	30 lb/po2
Boiler outlet	1 1/4" NPTM	Maximum domestic water operating pressure	125 lb/po2
Height	66-5/16"		
Depth	27"		
Width:	24"		
Weight	380 lbs		

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# VOLTMAX 208V - 1 PH

Electric hot water boiler

## LIST PRICING

**Working Pressure 70 psi - 208 VAC / 60 Hz / 1 phase**

### SCR Series

Code#	Model	LIST Price
<b>VOLTSCR20823P1</b>	VOLTMAX SCR 23-208-1PH	\$10,729
<b>VOLTSCR20827P1</b>	VOLTMAX SCR 27-208-1PH	\$10,922
<b>VOLTSCR20830P1</b>	VOLTMAX SCR 30-208-1PH	\$11,468
<b>VOLTSCR20836P1</b>	VOLTMAX SCR 36-208-1PH	\$11,661
<b>VOLTSCR20841P1</b>	VOLTMAX SCR 41-208-1PH	\$12,837
<b>VOLTSCR20845P1</b>	VOLTMAX SCR 45-208-1PH	\$13,001
<b>VOLTSCR20850P1</b>	VOLTMAX SCR 50-208-1PH	\$13,734
<b>VOLTSCR20854P1</b>	VOLTMAX SCR 54-208-1PH	\$13,926

Models up to 72kw are available in the Voltmax 400 series

### Standard equipment

- Digital controller
- "INCOLOY" Heating Elements
- ASME construction boiler
- 3" insulation
- Steel cabinet protected by baked epoxy paint
- High-limit control for temperature
- Drain valve 3/4"
- Outside temperature sensor
- Low voltage fuse protection
- Brakers
- ASME safety valve
- Control circuit ON/OFF switch
- Visual and audible alarm with alarm code
- Ethernet and BACnet network communication ports
- Modify the settings remotely through a webpage
- Solid state SCR relay
- Can be easily connected with an auxiliary boiler
- 0-10Vdc external temperature control
- Return temperature and boiler flow readings
- Temperature-lowering function when building is unoccupied
- Presence of dry contacts to start-up pumps
- Contacts to activate an external alarm

### OPTIONS

- **VOLTMAX - 125PSI : Working pressure 125 psi\***  
Option for models 22,5 to 54 KW **\$2,795**
- **VOLTMAX - LEVEL : Low water cutoff**  
Option for models 22,5 to 54 KW **\$658**
- **VOLTMAX90 - 30PSI: Safety valve 30 psi**  
Model option 30 à 90 KW **\$0**
- **VOLTMAX180 - 60PSI: Safety valve 60 psi**  
Model option 99 à 180 KW **\$0**



**START-UP COSTS: Thermo 2000 technical support**  
 Please contact your local representative

Characteristics	70 PSI	125 PSI*
Connections	1 1/2" NPT	2 1/2" NPT
Height	52 1/4"	52 1/4 po
Width	16"	21 1/4 po
Depth	23 1/4"	28 1/2 po
Weight	350 lb (70psi)	580 lb
Volume	11 US gallons	30 US gallons

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# VOLTMAX 240V - 1 PH

Electric hot water boiler

## LIST PRICING

**Working Pressure 70 psi - 240 VAC / 60 Hz / 1 phase**

<b>SCR Series</b>		
<i>Code#</i>	<i>Model</i>	<i>LIST Price</i>
<b>VOLTSCR24030P1</b>	VOLTMAX SCR 30-240-1PH	\$10,729
<b>VOLTSCR24036P1</b>	VOLTMAX SCR 36-240-1PH	\$10,922
<b>VOLTSCR24040P1</b>	VOLTMAX SCR 40-240-1PH	\$11,468
<b>VOLTSCR24048P1</b>	VOLTMAX SCR 48-240-1PH	\$11,661
<b>VOLTSCR24055P1</b>	VOLTMAX SCR 55-240-1PH	\$12,837
<b>VOLTSCR24060P1</b>	VOLTMAX SCR 60-240-1PH	\$13,001
<b>VOLTSCR24066P1</b>	VOLTMAX SCR 66-240-1PH	\$14,392
<b>VOLTSCR24072P1</b>	VOLTMAX SCR 72-240-1PH	\$14,585

Models up to 96kw are available in the Voltmax 400 series

### Standard equipment

#### SCR and STG Series

- Digital controller
- "INCOLOY" Heating Elements
- ASME construction boiler
- 3" insulation
- Steel cabinet protected by baked epoxy paint
- High-limit control for temperature
- Drain valve 3/4"
- Outside temperature sensor
- Low voltage fuse protection
- Brakers
- ASME safety valve
- Control circuit ON/OFF switch
- Visual and audible alarm with alarm code
- Ethernet and BACnet network communication ports
- Modify the settings remotely through a webpage
- Low water cutoff for models more than 60KW
- Solid state SCR relay
- Can be easily connected with an auxiliary boiler
- 0-10Vdc external temperature control
- Return temperature and boiler flow readings
- Temperature-lowering function when building is unoccupied
- Presence of dry contacts to start-up pumps
- Contacts to activate an external alarm

#### OPTIONS

- VOLTMAX - 125PSI : Working pressure 125 psi \***  
Option for models 30 to 72 KW **\$2,830**
- VOLTMAX - LEVEL : Low water cutoff**  
Option for models 30 to 60 KW **\$667**
- VOLTMAX90 - 30PSI: Safety valve 30 psi**  
Model option 30 à 90 KW
- VOLTMAX90 - 30PSI: Safety valve 60 psi**  
Model option 99 à 180 KW **\$0**
- START-UP COSTS: Thermo 2000 technical** **\$0**  
Please contact your local representative



<b>Characteristics</b>	<b>70 PSI</b>	<b>125 PSI*</b>
Connections	1 1/2" NPT	2 1/2" NPT
Height	52 1/4"	52 1/4 po
Width	16"	21 1/4 po
Depth	23 1/4"	28 1/2 po
Weight	350 lb (70psi)	580 lb
Volume	11 US gallons	30 US gallons

Unit Price US\$. All taxes excluded. Prices subject to change without notice. EXW Richmond.



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# VOLTMAX 208V - 3 PH

Electric hot water boiler

## LIST PRICING

**Working Pressure 70 psi - 208 VAC / 60 Hz / 3 phases**

<b>SCR Series</b>		
<b>Code#</b>	<b>Model</b>	<b>LIST PRICE</b>
<b>VOLTSCR20823P3</b>	VOLTMAX SCR 23-208-3PH	\$11,451
<b>VOLTSCR20827P3</b>	VOLTMAX SCR 27-208-3PH	\$11,643
<b>VOLTSCR20834P3</b>	VOLTMAX SCR 34-208-3PH	\$12,469
<b>VOLTSCR20841P3</b>	VOLTMAX SCR 41-208-3PH	\$12,661
<b>VOLTSCR20845P3</b>	VOLTMAX SCR 45-208-3PH	\$16,469
<b>VOLTSCR20854P3</b>	VOLTMAX SCR 54-208-3PH	\$16,661
<b>VOLTSCR20856P3</b>	VOLTMAX SCR 56-208-3PH	\$17,750
<b>VOLTSCR20868P3</b>	VOLTMAX SCR 68-208-3PH	\$18,601

Models up to 108kw are available in the Voltmax 400 series

<b>Standard equipment</b>	<b>Options</b>	
<ul style="list-style-type: none"> <li>• Digital controller</li> <li>• "INCOLOY" Heating Elements</li> <li>• ASME construction boiler</li> <li>• 3" insulation</li> <li>• Steel cabinet protected by baked epoxy paint</li> <li>• High-limit control for temperature</li> <li>• Drain valve 3/4"</li> <li>• Outside temperature sensor</li> <li>• Low voltage fuse protection</li> <li>• High voltage fuse protection</li> <li>• ASME safety valve</li> <li>• Control circuit ON/OFF switch</li> <li>• Visual and audible alarm with alarm code</li> <li>• Ethernet and BACnet network communication ports</li> <li>• Modify the settings remotely through a webpage</li> <li>• Low water cutoff for models more than 60KW</li> <li>• Solid state SCR relay</li> <li>• Current transducer</li> <li>• Can be easily connected with an auxiliary boiler</li> <li>• 0-10Vdc external temperature control</li> <li>• Return temperature and boiler flow readings</li> <li>• Temperature-lowering function via an external contact when building is unoccupied</li> <li>• Presence of dry contacts to start-up pumps</li> <li>• Contacts to activate an external alarm</li> </ul>	<p><b>VOLTMAX - 125PSI : Working Pressure 125 psi *</b></p> <p>Option for models 22,5 to 67,5 KW</p> <p><b>VOLTMAX - LEVEL : Low water cutoff</b></p> <p>Option for models 22,5 to 56 KW</p> <p><b>VOLTMAX - SWITCH : Main disconnect switch</b></p> <p>Option for models 22,5 to 68 KW</p> <p><b>VOLTMAX - SWITCH&amp;FUSE : Main disconnect switch with fuses</b></p> <p>Option for models 22,5 to 27 KW</p> <p>Option for models 34 to 56 KW</p> <p><b>VOLTMAX90 - 30PSI: Safety valve 30 psi</b></p> <p>Model option 30 à 90 KW</p> <p><b>VOLTMAX180 - 60PSI: Safety valve 60 psi</b></p> <p>Model option 99 à 180 KW</p> <p><b>START-UP COSTS: Thermo 2000 technical support</b></p> <p>Please contact your local representative</p>	<p><b>\$2,795</b></p> <p><b>\$658</b></p> <p><b>\$1,625</b></p> <p><b>\$1,755</b></p> <p><b>\$3,439</b></p> <p><b>\$0</b></p> <p><b>\$0</b></p>

<b>Characteristics</b>	<b>70 PSI</b>	<b>125 PSI*</b>
Connections	1 1/2" NPT	2 1/2" NPT
Height	52 1/4"	52 1/4 po
Width	16"	21 1/4 po
Depth	23 1/4"	28 1/2 po
Weight	350 lb (70psi)	580 lb
Volume	11 US gallons	30 US gallons

All taxes excluded. Prices subject to change without notice. EXW Richmond.





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 Phone : (819) 826-5613  
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# VOLTMAX 240V - 3 PH

*Electric hot water boiler*

## LIST PRICING

**Working Pressure 70 psi - 600 VAC / 60 Hz / 3 phases**

<b>SCR Series</b>		
<b>Code#</b>	<b>Model</b>	<b>LIST Price</b>
<b>VOLTSCR24030P3</b>	VOLTMAX SCR 30-240-3PH	\$11,451
<b>VOLTSCR24036P3</b>	VOLTMAX SCR 36-240-3PH	\$11,643
<b>VOLTSCR24045P3</b>	VOLTMAX SCR 45-240-3PH	\$12,469
<b>VOLTSCR24054P3</b>	VOLTMAX SCR 54-240-3PH	\$12,655
<b>VOLTSCR24060P3</b>	VOLTMAX SCR 60-240-3PH	\$16,469
<b>VOLTSCR24072P3</b>	VOLTMAX SCR 72-240-3PH	\$17,319
<b>VOLTSCR24075P3</b>	VOLTMAX SCR 75-240-3PH	\$18,410

Models up to 144kw are available in the Voltmax 400 series

### Standard equipment

#### SCR and STG Series

- Digital controller
- "INCOLOY" Heating Elements
- ASME construction boiler
- 3" insulation
- Steel cabinet protected by baked epoxy paint
- High-limit control for temperature
- Drain valve 3/4"
- Outside temperature sensor
- Low voltage fuse protection
- High voltage fuse protection
- ASME safety valve
- Control circuit ON/OFF switch
- Visual and audible alarm with alarm code
- Ethernet and BACnet network communication ports
- Modify the settings remotely through a webpage
- Low water cutoff for models more than 60KW
- Solid state SCR relay
- Current transducer
- Can be easily connected with an auxiliary boiler
- 0-10Vdc external temperature control
- Return temperature and boiler flow readings
- Temperature-lowering function via an external contact when building is unoccupied
- Presence of dry contacts to start-up pumps
- Contacts to activate an external alarm

### Options

- VOLTMAX - 125PSI : Working Pressure 125 psi \***  
Option for models 30 to 75 KW **\$2,795**
- VOLTMAX - LEVEL : Low water cutoff**  
Option for models 30 to 60 KW **\$658**
- VOLTMAX - SWITCH : Main disconnect switch**  
Option for models 30 to 75 KW **\$658**
- VOLTMAX - SWITCH&FUSE : Main disconnect switch**  
Option for models 30 KW **\$1,625**  
Option for models 36 to 60 KW **\$1,625**
- VOLTMAX90 - 30PSI: Safety valve 30 psi** **\$1,755**  
Model option 30 à 90 KW **\$3,439**
- VOLTMAX90 - 30PSI: Safety valve 60 psi**  
Model option 99 à 180 KW **\$0**
- START-UP COSTS: Thermo 2000 technical support** **\$0**  
Please contact your local representative

<b>Characteristics</b>	<b>70 PSI</b>	<b>125 PSI*</b>
Connections	1 1/2" NPT	2 1/2" NPT
Height	52 1/4"	52 1/4 po
Width	16"	21 1/4 po
Depth	23 1/4"	28 1/2 po
Weight	350 lb (70psi)	580 lb
Volume	11 US gallons	30 US gallons

All taxes excluded. Prices subject to change without notice. EXW Richmond.



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# VOLTMAX 480V - 3 PH

Electric hot water boiler

## LIST PRICING

**Working Pressure 70 psi - 480 VAC / 60 Hz / 3 phases**

<b>SCR Series</b>		<b>LIST Price</b>
<b>Code#</b>	<b>Model</b>	
<b>VOLTSCR48030P3</b>	VOLTMAX SCR 30-480-3PH	\$11,451
<b>VOLTSCR48036P3</b>	VOLTMAX SCR 36-480-3PH	\$11,643
<b>VOLTSCR48045P3</b>	VOLTMAX SCR 45-480-3PH	\$12,469
<b>VOLTSCR48054P3</b>	VOLTMAX SCR 54-480-3PH	\$12,661
<b>VOLTSCR48060P3</b>	VOLTMAX SCR 60-480-3PH	\$16,475
<b>VOLTSCR48072P3</b>	VOLTMAX SCR 72-480-3PH	\$17,325
<b>VOLTSCR48075P3</b>	VOLTMAX SCR 75-480-3PH	\$17,759
<b>VOLTSCR48090P3</b>	VOLTMAX SCR 90-480-3PH	\$17,952

**Working Pressure 125 psi - 480 VAC / 60 Hz / 3 phases**

<b>SCR Series</b>		<b>LIST Price</b>
<b>Code#</b>	<b>Model</b>	
<b>VOLTSCR48099P3</b>	VOLTMAX SCR 99-480-3PH	\$19,485
<b>VOLTSCR480108P3</b>	VOLTMAX SCR 108-480-3PH	\$20,326
<b>VOLTSCR480120P3</b>	VOLTMAX SCR 120-480-3PH	\$21,762
<b>VOLTSCR480132P3</b>	VOLTMAX SCR 132-480-3PH	\$22,587
<b>VOLTSCR480144P3</b>	VOLTMAX SCR 144-480-3PH	\$22,785
<b>VOLTSCR480150P3</b>	VOLTMAX SCR 150-480-3PH	\$24,216
<b>VOLTSCR480165P3</b>	VOLTMAX SCR 165-480-3PH	\$24,413
<b>VOLTSCR480180P3</b>	VOLTMAX SCR 180-480-3PH	\$24,612



Models up to 408kw are available in the Voltmax 400 series \* unit will be the same size as one greater than 90 kW

**Standard equipment**

- Série SCR et STG**
- Digital controller
  - "INCOLOY" Heating Elements
  - ASME construction boiler
  - 3" insulation
  - Steel cabinet protected by baked epoxy paint
  - High-limit control for temperature
  - Low water cutoff for models more than 60KW
  - Drain valve 3/4"
  - Outside temperature sensor
  - Low voltage fuse protection
  - High voltage fuse protection for models
  - ASME safety valve
  - Control circuit ON/OFF switch
  - Visual and audible alarm with alarm code
  - Ethernet and BACnet network communication ports
  - Modify the settings remotely through a webpage
  - Solid state SCR relay
  - Current transducer
  - Can be easily connected with an auxiliary boiler
  - 0-10Vdc external temperature control
  - Return temperature and boiler flow readings
  - Temperature-lowering function via an external contact when building is unoccupied
  - Presence of dry contacts to start-up pumps
  - Contacts to activate an external alarm

**Options**

- VOLTMAX - 125PSI : Working Pressure 125 psi**  
 Option for models 30 to 90 KW\* **\$2,795**
- VOLTMAX - LEVEL : Low water cutoff**  
 Option for models 30 to 60 KW **\$1,097**
- VOLTMAX - SWITCH : Main disconnect switch**  
 Option for models 30 to 75 KW **\$1,046**  
 Option for models 90 to 165 KW **\$1,625**
- VOLTMAX - SWITCH&FUSE : Main disconnect switch with fuses**  
 Option for models 30 to 36 KW **\$896**  
 Option for models 45 to 60 KW **\$1,755**  
 Option for models 72 to 132 KW **\$3,439**
- VOLTMAX90 - 30PSI: Safety valve 30 psi**  
 Model option 30 à 90 KW **\$0**
- VOLTMAX180 - 60PSI: Safety valve 60 psi**  
 Model option 99 à 180 KW **\$0**
- START-UP COSTS: Thermo 2000 technical support**  
 Please contact your local representative

**Characteristics**

	<b>90 kW or less</b>	<b>More than 90 kW</b>
Connections	1 1/2" NPT	2 1/2" NPT
Height	52 1/4"	52 1/4 po
Width	16"	21 1/4 po
Depth	23 1/4"	28 1/2 po
Weight	350 lb (70psi)	580 lb (125psi)
Volume	11 US gallons	30 US gallons



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# VOLTMAX 600V - 3 PH

Electric hot water boiler

## LIST PRICING

**Working Pressure 70 psi - 600 VAC / 60 Hz / 3 phases**

<b>SCR Series</b>		<b>LIST Price</b>
<b>Code#</b>	<b>Model</b>	
<b>VOLTSCR60030P3</b>	VOLTMAX SCR 30-600-3PH	\$11,451
<b>VOLTSCR60036P3</b>	VOLTMAX SCR 36-600-3PH	\$11,643
<b>VOLTSCR60045P3</b>	VOLTMAX SCR 45-600-3PH	\$12,469
<b>VOLTSCR60054P3</b>	VOLTMAX SCR 54-600-3PH	\$12,661
<b>VOLTSCR60060P3</b>	VOLTMAX SCR 60-600-3PH	\$16,475
<b>VOLTSCR60072P3</b>	VOLTMAX SCR 72-600-3PH	\$17,325
<b>VOLTSCR60075P3</b>	VOLTMAX SCR 75-600-3PH	\$18,418
<b>VOLTSCR60090P3</b>	VOLTMAX SCR 90-600-3PH	\$18,610

**Working Pressure 125 psi - 600 VAC / 60 Hz / 3 phases**

<b>SCR Series</b>		<b>LIST Price</b>
<b>Code#</b>	<b>Model</b>	
<b>VOLTSCR60099P3</b>	VOLTMAX SCR 99-600-3PH	\$20,143
<b>VOLTSCR600108P3</b>	VOLTMAX SCR 108-600-3PH	\$20,335
<b>VOLTSCR600120P3</b>	VOLTMAX SCR 120-600-3PH	\$21,762
<b>VOLTSCR600132P3</b>	VOLTMAX SCR 132-600-3PH	\$22,587
<b>VOLTSCR600144P3</b>	VOLTMAX SCR 144-600-3PH	\$22,785
<b>VOLTSCR600150P3</b>	VOLTMAX SCR 150-600-3PH	\$24,216
<b>VOLTSCR600165P3</b>	VOLTMAX SCR 165-600-3PH	\$24,413
<b>VOLTSCR600180P3</b>	VOLTMAX SCR 180-600-3PH	\$24,612



Models up to 408kw are available in the Voltmax 400 series

**Standard equipment**

**SCR and STG Series**

- Digital controller
- "INCOLOY" Heating Elements
- ASME construction boiler
- 3" insulation
- Steel cabinet protected by baked epoxy paint
- High-limit control for temperature
- Low water cutoff for models more than 60KW
- Drain valve 3/4"
- Outside temperature sensor
- Low voltage fuse protection
- High voltage fuse protection
- ASME safety valve
- Control circuit ON/OFF switch
- Visual and audible alarm with alarm code
- Ethernet and BACnet network communication ports
- Modify the settings remotely through a webpage
- Solid state SCR relay
- Current transducer
- Can be easily connected with an auxiliary boiler
- 0-10Vdc external temperature control
- Return temperature and boiler flow readings
- Temperature-lowering function via an external contact when building is unoccupied
- Presence of dry contacts to start-up pumps
- Contacts to activate an external alarm

**Options**

**VOLTMAX - 125PSI : Working Pressure 125 psi**

Option for models 30 to 90 KW\* **\$2,795**

**VOLTMAX - LEVEL : Low water cutoff**

Option for models 30 to 60 KW **\$658**

**VOLTMAX - SWITCH : Main disconnect switch**

Option for models 30 to 99 KW **\$1,046**  
 Option for models 108 to 180 KW **\$1,625**

**VOLTMAX - SWITCH&FUSE : Main disconnect switch with fuses**

Option for models 30 to 45 KW **\$896**  
 Option for models 54 to 75 KW **\$1,755**  
 Option for models 90 to 165 KW **\$3,439**

**VOLTMAX90 - 30PSI: Safety valve 30 psi**

Model option 30 à 90 KW **\$0**

**VOLTMAX180 - 60PSI: Safety valve 60 psi**

Model option 99 à 180 KW **\$0**

**START-UP COSTS: Thermo 2000 technical support**

Please contact your local representative

**Characteristics**

	<b>90 kW or less</b>	<b>More than 90 kW</b>
Connections	1 1/2" NPT	2 1/2" NPT
Height	52 1/4"	52 1/4 po
Width	16"	21 1/4 po
Depth	23 1/4"	28 1/2 po
Weight	350 lb (70psi)	580 lb (125psi)
Volume	11 US gallons	30 US gallons



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# VoltMax commercial/400

Electric hot water boiler

## LIST PRICING

160 psi Maximum working pressure - 208VAC / 60 Hz / 3 phases & 240VAC / 60 Hz / 3 phases

208 VAC - 1 phase*				240 VAC - 1 phase*			
Power KW	Code#	Model	LIST Price	Power KW	Code#	Model	LIST Price
58	VOLTSCR20858P1	VOLTMAX SCR 58-208-1PH	\$22,632	77	VOLTSCR24077P1	VOLTMAX SCR 77-240-1PH	\$22,632
60	VOLTSCR20860P1	VOLTMAX SCR 60-208-1PH	\$22,776	80	VOLTSCR24080P1	VOLTMAX SCR 80-240-1PH**	\$22,776
63	VOLTSCR20863P1	VOLTMAX SCR 63-208-1PH	\$23,043	84	VOLTSCR24084P1	VOLTMAX SCR 84-240-1PH**	\$23,043
66	VOLTSCR20866P1	VOLTMAX SCR 66-208-1PH	\$23,278	88	VOLTSCR24088P1	VOLTMAX SCR 88-240-1PH**	\$23,278
72	VOLTSCR20872P1	VOLTMAX SCR 72-208-1PH**	\$23,767	96	VOLTSCR24096P1	VOLTMAX SCR 96-240-1PH**	\$23,767

160 psi Maximum working pressure - 208 VAC / 60 Hz / 3 phases & 240 VAC / 60 Hz / 3 phases

208 VAC - 3 phases*				240 VAC - 3 phases*			
Power KW	Code#	Model	LIST Price	Power KW	Code#	Model	LIST Price
79	VOLTSCR20879P3	VOLTMAX SCR 79-208-3PH	\$31,657	105	VOLTSCR240105P3	VOLTMAX SCR 105-240-3PH	\$31,657
90	VOLTSCR20890P3	VOLTMAX SCR 90-208-3PH	\$32,441	120	VOLTSCR240120P3	VOLTMAX SCR 120-240-3PH	\$32,441
95	VOLTSCR20895P3	VOLTMAX SCR 95-208-3PH	\$32,722	126	VOLTSCR240126P3	VOLTMAX SCR 126-240-3PH	\$32,722
108	VOLTSCR208108P3	VOLTMAX SCR 108-208-3PH	\$33,782	144	VOLTSCR240144P3	VOLTMAX SCR 144-240-3PH**	\$33,782

160 psi Maximum working pressure - 480 VAC / 60 Hz / 3 phases & 600 VAC / 60 Hz / 3 phases

480 VAC - 3 phases*				600 VAC - 3 phases*			
Power KW	Code#	Model	LIST Price	Power KW	Code#	Model	LIST Price
192	VOLTSCR480192P3	VOLTMAX SCR 192-480-3PH	\$29,885	192	VOLTSCR600192P3	VOLTMAX SCR 192-600-3PH	\$29,885
204	VOLTSCR480204P3	VOLTMAX SCR 204-480-3PH	\$30,472	204	VOLTSCR600204P3	VOLTMAX SCR 204-600-3PH	\$30,472
216	ND	NA		216	VOLTSCR600216P3	VOLTMAX SCR 216-600-3PH	\$31,186
225	VOLTSCR480225P3	VOLTMAX SCR 225-480-3PH	\$34,899	225	VOLTSCR600225P3	VOLTMAX SCR 225-600-3PH	\$34,899
240	VOLTSCR480240P3	VOLTMAX SCR 240-480-3PH	\$35,745	240	VOLTSCR600240P3	VOLTMAX SCR 240-600-3PH	\$35,745
255	VOLTSCR480255P3	VOLTMAX SCR 255-480-3PH	\$36,538	255	VOLTSCR600255P3	VOLTMAX SCR 255-600-3PH	\$36,538
270	ND	NA		270	VOLTSCR600270P3	VOLTMAX SCR 270-600-3PH	\$37,366
288	VOLTSCR480288P3	VOLTMAX SCR 288-480-3PH**	\$38,689	288	VOLTSCR600288P3	VOLTMAX SCR 288-600-3PH	\$38,689
306	VOLTSCR480306P3	VOLTMAX SCR 306-480-3PH**	\$39,584	306	VOLTSCR600306P3	VOLTMAX SCR 306-600-3PH	\$39,584
315	VOLTSCR480315P3	VOLTMAX SCR 315-480-3PH**	\$40,082	315	VOLTSCR600315P3	VOLTMAX SCR 315-600-3PH	\$40,082
324	ND	NA		324	VOLTSCR600324P3	VOLTMAX SCR 324-600-3PH	\$40,572
336	VOLTSCR480336P3	VOLTMAX SCR 336-480-3PH**	\$41,610	336	VOLTSCR600336P3	VOLTMAX SCR 336-600-3PH	\$41,610
357	VOLTSCR480357P3	VOLTMAX SCR 357-480-3PH**	\$42,619	357	VOLTSCR600357P3	VOLTMAX SCR 357-600-3PH**	\$42,619
378	ND	NA		378	VOLTSCR600378P3	VOLTMAX SCR 378-600-3PH**	\$43,792
384	VOLTSCR480384P3	VOLTMAX SCR 384-480-3PH**	\$45,394	384	VOLTSCR600384P3	VOLTMAX SCR 384-600-3PH**	\$45,394
408	VOLTSCR480408P3	VOLTMAX SCR 408-480-3PH**	\$46,581	408	VOLTSCR600408P3	VOLTMAX SCR 408-600-3PH**	\$46,581

**Standard equipment**

- Digital controller
- "INCOLOY" Heating Elements
- ASME construction boiler
- 3" insulation
- Steel cabinet protected by baked epoxy paint
- High-limit control for temperature
- Low water cutoff
- Drain valve 1 1/4"
- Outside temperature sensor
- Low voltage fuse protection
- High voltage fuse protection
- ASME 150 psi pressure safety valve
- Control circuit ON/OFF switch
- Visual and audible alarm with alarm code
- Ethernet and BACnet network communication ports
- Modify the settings remotely through a webpage
- Solid state SCR relay
- Current transducer
- Can be easily connected with an auxiliary boiler
- 0-10Vdc external temperature control
- Return temperature and boiler flow readings
- Temperature-lowering function via an external contact when building is unoccupied
- Contacts to activate an external alarm

**Options**

- VOLTMAX - 60PSI : 60 psi safety valve**  
Option on every model \$0
- VOLTMAX - 125PSI : 125 psi safety valve**  
Option on every model \$0
- VOLTMAX - SWITCH : Main disconnect switch** \$3,335  
Not available for these models 336 kW to 408 kW **480 VAC 3 phases**
- VOLTMAX - SWITCH&FUSE : Main disconnect switch with fuses** \$4,240  
\*\* Not available for these models

**START-UP COSTS: Thermo 2000 technical support**  
Please contact your local representative

\* Lower power models are available for this voltage in the VoltMax commercial / 180 series

**Characteristics**

Connections	3" NPT
Height	53"
Width	28"
Depth	36 5/16"
Weight	1200 lb
Volume	62 US gallons





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## LIST PRICING

### Electric boiler with instantaneous domestic hot water heater **COMBOMAX ULTRA 50**

<i>240Vac/60 Hz/1ph* - 3 conductors L1-L2-N or 2 cond. L1-L2 si 120v if pump supply is not required</i>							
Code	LIST PRICE	Power		stage	Volume Charge		Weight
		KW	BTU/hr		gal U.S.	Amp	
COMBOU50-4.5US	\$3,900	4.5	15 350	1	48	19	310
COMBOU50-7.5US	\$4,113	7.5	25 600	2	48	31	310
COMBOU50-9US	\$4,131	9	30 700	2	48	38	310
COMBOU50-12US	\$4,150	12	40 944	2	48	50	310
COMBOU50-15US	\$4,713	15	51 180	4	48	63	310
COMBOU50-18US	\$4,749	18	61 416	4	48	75	310
COMBOU50-20US	\$4,784	20	68 240	4	48	83	310
COMBOU50-24US	\$4,820	24	81 888	4	48	100	310

### COMBOMAX ULTRA 70

<i>240Vac/60 Hz/1ph* - 3 conductors L1-L2-N or 2 cond. L1-L2 si 120v if pump supply is not required</i>							
Code	LIST Price	Power		stage	Volume Charge		Weight
		KW	BTU/hr		gal U.S.	Amp	
COMBOU70-4.5US	\$4,252	4.5	15 350	1	71	19	410
COMBOU70-7.5US	\$4,499	7.5	25 600	2	71	31	410
COMBOU70-9US	\$4,518	9	30 700	2	71	38	410
COMBOU70-12US	\$4,537	12	40 944	2	71	50	410
COMBOU70-15US	\$5,007	15	51 180	4	71	63	410
COMBOU70-18US	\$5,043	18	61 416	4	71	75	410
COMBOU70-20US	\$5,079	20	68 240	4	71	83	410
COMBOU70-24US	\$5,116	24	81 888	4	71	100	410
COMBOU70-27US	\$5,268	27	92 124	6	71	113	410
COMBOU70-29US	\$5,304	29	98 948	6	71	120	410

\*Also certified for 208V/1ph at 75% of their nominal capacity

#### Standard Equipments

- Heating elements controlled by our "UltraSmart" electronic controller
- Automatic air purger
- Safety limit controls
- Safety valve boiler pressure 30 lb/po2
- Safety valve 125 lb/po2 and domestic water temperature
- Pressure regulator with back flow preventer
- Thermostatic mixing valve regulating domestic hot water temperature
- Pump relay for heating
- Temperature and Pressure indicator
- 24vac transformer allowing thermostat supply
- Priority system on domestic hot water which temporarily stops the pump.
- Drain valves on the tank and DHW exchanger
- Ready for dual energy application



#### Dimensions and connections

COMBOMAX ULTRA		50	70		
Boiler inlet	1" NPTM	1 1/4" NPTM		Expansion tank connection	1/2 po NPT
Boiler outlet	1" NPTM	1 1/4" NPTM		Maximum boiler operating pressure	30 lb/po2
Domestic water connexions	3/4" NPT	3/4" NPT F		Maximum domestic water operating pressure	125 lb/po2
Height	58"	68-3/4"			
Depth	25"	27"			
Width:	22"	24"			
Weight	310 lbs	410 lbs			

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# LIST PRICING

## BUFFMAX

**BUFFER TANK  
 STORAGE TANK  
 HYDRAULIC SEPARATOR**

Standard models						
Code#	LIST Price	Volume US gal.	Height	Diameter	Standard connections	Weight (lbs)
BUFF30	\$1,388	30	56,25"	18"	1 1/2" NPTM	115
BUFF50	\$1,631	50	57,25"	22"	2" NPTM	150
BUFF80	\$2,344	80	71,75"	24"	2 1/2" NPTM	235
BUFF120	\$2,984	120	73,75"	28"	3" NPTM	315
BUFF120A	\$5,490	120	73,75"	28"	3" NPTM	405
BUFF175A	\$7,150	175	81,5"	32"	3" NPTM	550
BUFF200A	\$7,876	200	89,5"	32"	3" NPTM	590

\* Models built in conformity to the ASME standard, maximum working pressure 125 psi

**BUFFMAX-BXT: Two extra side ports for heat distribution piping - EXTRA**  
 BUFFMAX 30-BXT ou 50-BXT \$337  
 BUFFMAX 80-BXT ou 120-BXT \$413

BUFFMAX 30 - Diameter change or type of connections						
Code#	LIST Price	Volume US gal.	Height	Diameter	Connections	Weight (lbs)
BUFF30-2NPT	\$1,610	30	56,25"	18"	2" MNPT	115
BUFF30-2.5NPT	\$1,655	30	56,25"	18"	2 1/2" MNPT	115
BUFF30-3NPT	\$1,701	30	56,25"	18"	3" MNPT	115
BUFF30-1.5FLG	\$1,766	30	56,25"	18"	1.5" FLG	115
BUFF30-2FLG	\$1,791	30	56,25"	18"	2" FLG	115
BUFF30-2.5FLG	\$1,867	30	56,25"	18"	2.5" FLG	115
BUFF30-3FLG	\$1,944	30	56,25"	18"	3" FLG	115
BUFF30-4FLG	\$2,046	30	56,25"	18"	4" FLG	115

BUFFMAX 50 - Diameter change or type of connections						
Code#	LIST Price	Volume US gal.	Height	Diameter	Connections	Weight (lbs)
BUFF50-1.5NPT	\$1,809	50	57,25"	22"	1.5" MNPT	150
BUFF50-2.5NPT	\$1,854	50	57,25"	22"	2.5" MNPT	150
BUFF50-3NPT	\$1,898	50	57,25"	22"	3" MNPT	150
BUFF50-1.5FLG	\$1,984	50	57,25"	22"	1.5" FLG	150
BUFF50-2FLG	\$2,009	50	57,25"	22"	2" FLG	150
BUFF50-2.5FLG	\$2,085	50	57,25"	22"	2.5" FLG	150
BUFF50-3FLG	\$2,162	50	57,25"	22"	3" FLG	150
BUFF50-4FLG	\$2,264	50	57,25"	22"	4" FLG	150

BUFFMAX 80 - Diameter change or type of connections						
Code#	LIST Price	Volume US gal.	Height	Diameter	Connections	Weight (lbs)
BUFF80-1.5NPT	\$2,522	80	71,75"	24"	1.5" MNPT	235
BUFF80-2NPT	\$2,522	80	71,75"	24"	2" MNPT	235
BUFF80-3NPT	\$2,567	80	71,75"	24"	3" MNPT	235
BUFF80-1.5FLG	\$2,672	80	71,75"	24"	1.5" FLG	235
BUFF80-2FLG	\$2,697	80	71,75"	24"	2" FLG	235
BUFF80-2.5FLG	\$2,773	80	71,75"	24"	2.5" FLG	235
BUFF80-3FLG	\$2,849	80	71,75"	24"	3" FLG	235
BUFF80-4FLG	\$2,952	80	71,75"	24"	4" FLG	235

**Standard equipment**

Steel tank not vitrified. Drain valve Automatic air vent  
 For closed circuit systems. Adjustable legs  
 Insulation R14 Temperature and pressure indicator  
 Boiler water connection (4 openings)  
 Immersion well (multiple positions)  
 Maximum working pressure 150 PSI (125 psi for ASME model)

All taxes excluded. Prices subject to change without notice. EXW Richmond.



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# LIST PRICING

## BUFFMAX

**BUFFER TANK  
 STORAGE TANK  
 HYDRAULIC SEPARATOR**

**BUFFMAX 120 - Diameter change or type of connections**

Code#	LIST Price	Volume US gal.	Height	Diameter	Connections	Weight (lbs)
BUFF120-1.5NPT	\$3,162	119	73,75"	28"	1.5" MNPT	315
BUFF120-2NPT	\$3,162	119	73,75"	28"	2" MNPT	315
BUFF120-2.5NPT	\$3,162	119	73,75"	28"	2.5" MNPT	315
BUFF120-1.5FLG	\$3,286	119	73,75"	28"	1.5" FLG	315
BUFF120-2FLG	\$3,311	119	73,75"	28"	2" FLG	315
BUFF120-2.5FLG	\$3,387	119	73,75"	28"	2.5" FLG	315
BUFF120-3FLG	\$3,464	119	73,75"	28"	3" FLG	315
BUFF120-4FLG	\$3,566	119	73,75"	28"	4" FLG	315

**BUFFMAX 120A - Diameter change or type of connections**

Code#	LIST Price	Volume US gal.	Height	Diameter	Connections	Weight (lbs)
BUFF120A-2NPT	\$5,712	120	73,75"	28"	2" MNPT	405
BUFF120A-2.5NPT	\$5,893	120	73,75"	28"	2.5" MNPT	405
BUFF120A-2FLG	\$5,893	120	73,75"	28"	2" FLG	405
BUFF120A-2.5FLG	\$5,995	120	73,75"	28"	2.5" FLG	405
BUFF120A-3FLG	\$6,073	120	73,75"	28"	3" FLG	405
BUFF120A-4FLG	\$6,225	120	73,75"	28"	4" FLG	405

**BUFFMAX 175A - Diameter change or type of connections**

Code#	LIST Price	Volume US gal.	Height	Diameter	Connections	Weight (lbs)
BUFF175A-2NPT	\$7,372	175	81,5"	32"	2" MNPT	550
BUFF175A-2.5NPT	\$7,372	175	81,5"	32"	2.5" MNPT	550
BUFF175A-2FLG	\$7,553	175	81,5"	32"	2" FLG	550
BUFF175A-2.5FLG	\$7,666	175	81,5"	32"	2.5" FLG	550
BUFF175A-3FLG	\$7,732	175	81,5"	32"	3" FLG	550
BUFF175A-4FLG	\$7,885	175	81,5"	32"	4" FLG	550

**BUFFMAX 200A - Diameter change or type of connections**

Code#	LIST Price	Volume US gal.	Height	Diameter	Connections	Weight (lbs)
BUFF200A-2NPT	\$8,098	200	89,5"	32"	2" MNPT	590
BUFF200A-2.5NPT	\$8,098	200	89,5"	32"	2.5" MNPT	590
BUFF200A-2FLG	\$8,279	200	89,5"	32"	2" FLG	590
BUFF200A-2.5FLG	\$8,381	200	89,5"	32"	2.5" FLG	590
BUFF200A-3FLG	\$8,458	200	89,5"	32"	3" FLG	590
BUFF200A-4FLG	\$8,611	200	89,5"	32"	4" FLG	590

**Standard equipment**

Steel tank not vitrified.  
**For closed circuit systems.**  
 Insulation R14  
 Boiler water connection (4 openings)  
 Immersion well (multiple positions)  
 Maximum working pressure 150 PSI (125 psi for ASME model)

Drain valve  
 Automatic air vent  
 Adjustable legs  
 Temperature and pressure indicator





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# LIST PRICING

## BUFFMAX - Chilled water

**BUFFER TANK  
 STORAGE TANK  
 HYDRAULIC SEPARATOR**

<i>Standard models</i>						
Code#	LIST Price	Volume US gal.	Height	Diameter	Standard connections	Weight (lbs)
BUFF30-CW	\$1,638	30	56,25"	18"	1 1/2" MNPT	115
BUFF50-CW	\$1,993	50	57,25"	22"	2" MNPT	150
BUFF80-CW	\$2,788	80	71,75"	24"	2 1/2" MNPT	235
BUFF120-CW	\$3,518	119	73,75"	28"	3" MNPT	315
BUFF120A-CW	\$6,025	120	73,75"	28"	3" MNPT	405
BUFF175A-CW	\$7,715	175	81,5"	32"	3" MNPT	550
BUFF200A-CW	\$8,473	200	89,5"	32"	3" MNPT	590

\* Models built in conformity to the ASME standard, maximum working pressure 125 psi

**BUFFMAX-BXT: Two extra side ports for heat distribution piping - EXTRA**

BUFFMAX 30-BXT ou 50-BXT 202 \$  
 BUFFMAX 80-BXT ou 120-BXT 248 \$

<i>BUFFMAX 30 -CW</i>						
Code#	LIST Price	Volume US gal.	Height	Diameter	Connections	Weight (lbs)
BUFF30-2NPT-CW	\$1,861	30	56,25"	18"	2" MNPT	115
BUFF30-2.5NPT-CW	\$1,906	30	56,25"	18"	2 1/2" MNPT	115
BUFF30-3NPT-CW	\$1,952	30	56,25"	18"	3" MNPT	115
BUFF30-1.5FLG-CW	\$2,017	30	56,25"	18"	1.5" FLG	115
BUFF30-2FLG-CW	\$2,041	30	56,25"	18"	2" FLG	115
BUFF30-2.5FLG-CW	\$2,118	30	56,25"	18"	2.5" FLG	115
BUFF30-3FLG-CW	\$2,195	30	56,25"	18"	3" FLG	115
BUFF30-4FLG-CW	\$2,296	30	56,25"	18"	4" FLG	115

<i>BUFFMAX 50 -CW</i>						
Code#	LIST Price	Volume US gal.	Height	Diameter	Connections	Weight (lbs)
BUFF50-1.5NPT-CW	\$2,171	50	57,25"	22"	1.5" MNPT	150
BUFF50-2.5NPT-CW	\$2,216	50	57,25"	22"	2.5" MNPT	150
BUFF50-3NPT-CW	\$2,261	50	57,25"	22"	3" MNPT	150
BUFF50-1.5FLG-CW	\$2,346	50	57,25"	22"	1.5" FLG	150
BUFF50-2FLG-CW	\$2,372	50	57,25"	22"	2" FLG	150
BUFF50-2.5FLG-CW	\$2,448	50	57,25"	22"	2.5" FLG	150
BUFF50-3FLG-CW	\$2,524	50	57,25"	22"	3" FLG	150
BUFF50-4FLG-CW	\$2,627	50	57,25"	22"	4" FLG	150

<i>BUFFMAX 80 -CW</i>						
Code#	LIST Price	Volume US gal.	Height	Diameter	Connections	Weight (lbs)
BUFF80-1.5NPT-CW	\$2,966	80	71,75"	24"	1.5" MNPT	235
BUFF80-2NPT-CW	\$2,966	80	71,75"	24"	2" MNPT	235
BUFF80-3NPT-CW	\$3,011	80	71,75"	24"	3" MNPT	235
BUFF80-1.5FLG-CW	\$3,115	80	71,75"	24"	1.5" FLG	235
BUFF80-2FLG-CW	\$3,141	80	71,75"	24"	2" FLG	235
BUFF80-2.5FLG-CW	\$3,217	80	71,75"	24"	2.5" FLG	235
BUFF80-3FLG-CW	\$3,292	80	71,75"	24"	3" FLG	235
BUFF80-4FLG-CW	\$3,396	80	71,75"	24"	4" FLG	235

**Standard equipment**

Steel tank not vitrified. Drain valve Automatic air vent Adjustable legs Temperature and pressure indicator  
**For closed circuit systems.**  
 Insulation R14  
 Boiler water connection (4 openings)  
 Immersion well (multiple positions)  
 Maximum working pressure 150 PSI (125 psi for ASME model)



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# LIST PRICING

## BUFFMAX - Chilled water

**BUFFER TANK  
 STORAGE TANK  
 HYDRAULIC SEPARATOR**

<b>BUFFMAX 120-CW</b>						
<b>Code#</b>	<b>LIST Price</b>	<b>Volume US gal.</b>	<b>Height</b>	<b>Diameter</b>	<b>Connections</b>	<b>Weight (lbs)</b>
BUFF120-1.5NPT-CW	\$3,696	119	73,75"	28"	1.5" MNPT	315
BUFF120-2NPT-CW	\$3,696	119	73,75"	28"	2" MNPT	315
BUFF120-2.5NPT-CW	\$3,696	119	73,75"	28"	2.5" MNPT	315
BUFF120-1.5FLG-CW	\$3,820	119	73,75"	28"	1.5" FLG	315
BUFF120-2FLG-CW	\$3,846	119	73,75"	28"	2" FLG	315
BUFF120-2.5FLG-CW	\$3,922	119	73,75"	28"	2.5" FLG	315
BUFF120-3FLG-CW	\$3,998	119	73,75"	28"	3" FLG	315
BUFF120-4FLG-CW	\$4,101	119	73,75"	28"	4" FLG	315
<b>BUFFMAX 120A-CW</b>						
<b>Code#</b>	<b>LIST Price</b>	<b>Volume US gal.</b>	<b>Height</b>	<b>Diameter</b>	<b>Connections</b>	<b>Weight (lbs)</b>
BUFF120A-2NPT-CW	\$6,246	120	73,75"	28"	2" MNPT	405
BUFF120A-2.5NPT-CW	\$6,246	120	73,75"	28"	2.5" MNPT	405
BUFF120A-2FLG-CW	\$6,428	120	73,75"	28"	2" FLG	405
BUFF120A-2.5FLG-CW	\$6,529	120	73,75"	28"	2.5" FLG	405
BUFF120A-3FLG-CW	\$6,607	120	73,75"	28"	3" FLG	405
BUFF120A-4FLG-CW	\$6,759	120	73,75"	28"	4" FLG	405
<b>BUFFMAX 175A-CW</b>						
<b>Code#</b>	<b>LIST Price</b>	<b>Volume US gal.</b>	<b>Height</b>	<b>Diameter</b>	<b>Connections</b>	<b>Weight (lbs)</b>
BUFF175A-2NPT-CW	\$7,937	175	81,5"	32"	2" MNPT	550
BUFF175A-2.5NPT-CW	\$7,937	175	81,5"	32"	2.5" MNPT	550
BUFF175A-2FLG-CW	\$8,118	175	81,5"	32"	2" FLG	550
BUFF175A-2.5FLG-CW	\$8,220	175	81,5"	32"	2.5" FLG	550
BUFF175A-3FLG-CW	\$8,297	175	81,5"	32"	3" FLG	550
BUFF175A-4FLG-CW	\$8,450	175	81,5"	32"	4" FLG	550
<b>BUFFMAX 200A-CW</b>						
<b>Code#</b>	<b>LIST Price</b>	<b>Volume US gal.</b>	<b>Height</b>	<b>Diameter</b>	<b>Connections</b>	<b>Weight (lbs)</b>
BUFF200A-2NPT-CW	\$8,695	200	89,5"	32"	2" MNPT	590
BUFF200A-2.5NPT-CW	\$8,695	200	89,5"	32"	2.5" MNPT	590
BUFF200A-2FLG-CW	\$8,876	200	89,5"	32"	2" FLG	590
BUFF200A-2.5FLG-CW	\$8,978	200	89,5"	32"	2.5" FLG	590
BUFF200A-3FLG-CW	\$9,056	200	89,5"	32"	3" FLG	590
BUFF200A-4FLG-CW	\$9,208	200	89,5"	32"	4" FLG	590

**Standard equipment**

Steel tank not vitrified.  
**For closed circuit systems.**  
 Insulation R14  
 Boiler water connection (4 openings)  
 Immersion well (multiple positions)  
 Maximum working pressure 150 PSI (125 psi for ASME model )

Drain valve  
 Automatic air vent  
 Adjustable legs  
 Temperature and pressure indicator



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## LIST PRICING

# VenTum

## HYDRONIC AIR HANDLER

### VenTum40

	Water Temp. (F)	3 GPM					5 GPM					LIST PRICE
		Flow (CFM)					Flow (CFM)					
		700	800	900	1000	1100	700	800	900	1000	1100	
<b>Heating exchange capacity (BTHU/h)</b>	100	13 400	14 400	15 400	16 500	17 500	16 400	17 700	19 100	20 400	21 700	<b>\$2,593</b>
	120	24 400	26 300	28 200	30 100	39 100	27 200	29 800	32 400	35 000	37 700	
	140	35 550	38 200	41 000	43 700	46 400	38 500	42 200	45 900	49 600	53 200	
	160	47 400	51 400	55 300	59 300	63 200	49 700	54 300	59 000	63 600	68 200	
	180	50 600	55 000	59 300	63 700	68 100	60 200	67 000	73 800	80 600	87 400	
	200	68 800	74 000	79 200	84 500	89 700	72 000	79 100	86 200	93 300	100 400	
<b>Cooling</b>	Tons	2	2	3	3	3	2	2	3	3	3	

### VenTum60

	Water Temp. (F)	3 GPM					5 GPM					LIST PRICE
		Flow (CFM)					Flow (CFM)					
		1200	1400	1600	1800	2000	1200	1400	1600	1800	2000	
<b>Heating exchange capacity (BTHU/h)</b>	100	18 800	19 700	21 700	23 900	26 000	23 000	24 200	26 900	29 600	32 300	<b>\$3,058</b>
	120	35 900	37 900	41 300	44 500	47 400	40 000	43 000	47 400	51 700	56 000	
	140	54 500	59 900	65 500	70 800	76 300	59 100	66 200	73 300	80 400	87 500	
	160	70 600	78 900	86 700	94 900	102 900	74 000	83 300	92 500	101 800	111 000	
	180	77 300	84 500	91 400	98 400	105 500	92 000	102 900	113 700	124 500	135 400	
	200	106 000	116 900	127 800	138 800	149 500	110 900	125 000	139 100	153 200	167 300	
<b>Cooling</b>	Tons	3	4	4	5	5	3	4	4	5	5	

#### Standard equipment

- High-efficiency ECM fan motor
- Digital controller
- 4-row coil ideal for low-temperature water
- 3-speed circulator pump
- Connection terminal
- Pre-cut opening
- Easy-maintenance slide fan
- 1-inch, noise-reducing insulation
- Relay card and light signals
- Air filter

#### Dimensions

	VenTum 40	VenTum 60
Height	26 1/8"	30 1/8"
Width	21"	25"
Depth	24"	24"
Connectors soldered	3/4"	3/4"
Air filter	16" x 20"	20" x 20"
Outlet duct	16" x 16 1/2"	16" x 20"
Inlet duct	19" x 15 1/8"	19" x 19 1/8"
Weight	99 lbs	120 lbs

#### Electrical specifications

	VenTum 40	VenTum 60
Fan power	120 VAC 1 ph/60 Hz	1/2 HP
Fan motor amperage	8A	3/4 HP
Pump power	1/25 HP	10A
Pump motor amperage	1A	1/25 HP
	1A	1A

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**Thermo 2000 inc.**  
 500, 9<sup>th</sup> Avenue  
 Richmond (Québec) J0B 2H0  
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# Parts – LIST PRICING

See Reference Tables for details

# PART	Specifications	Models	LIST Price
KITCFX07	Conversion kit FX07 substitution of ZEL100-FX07BAC/ZEL100-FX07BAC	DTH ULTRA	1 622 \$
ZEL100-24ACNO30	Power relay 30amp contact for heating elements, coil 24VAC	BTH ULTRA/ MINI Ultra/ COMBOMAX ULTRA	35 \$
ZEL100-24ACSPST	Compact control Relay Coil 24VAC Contact N.O. 20A	BTH/ COMBOMAX / CBE-EM/ MINI	18 \$
ZEL100-2PC50120	Contacto Compact 2 poles Coil 120V Contact 600V 50Amp Res.	DTH 600 / BTH600 V /MINI4 3-9KW	92 \$
ZEL100-2PC5024	Contacto Compact 2 poles Coil 24V Contact 600V 50Amp Res.	INSTOMAX/ COMBOMAX ULTRA/MINI 3-9KW	92 \$
ZEL100-2PC50240	Contacto Compact 2 poles Coil 240V Contact 600V 50Amp Res.	DTH 6002 / BTH1 600 V	92 \$
ZEL100-3P150A120	Contacto 3 poles Coil 120V Contact 600V 150 Amp. Res.	VOLTMAX	175 \$
ZEL100-3P50A120	Contacto 3 poles Coil 120V Contact 600V 50 Amp. Res.	BTH/BTHUltra4/GTH 27-33KW 240V & BTH/DTH 600V	101 \$
ZEL100-3P50A24	Contacto 3 poles Coils 24V Contact 600V 50 Amp. Res.	BTH ULTRA 3PH	101 \$
ZEL100-3P50A240	Contacto 3 poles Coil 240V Contact 600V 50 Amp. Res.	BTH1 27-33 KW 240V/ BTH1 600V/ DTH2	101 \$
ZEL100-3P150A12	Contacto 3 poles Coil 120V Contact 600V 150 Amp. Res.		202 \$
ZEL100-3P75A120	Contacto 3 poles Bobine 120V Contact 600V 75 Amp. Res.	VOLTMAX 400	167 \$
ZEL100-4P50A120	Contacto 4 poles Coils 120V Contact 600V 50 Amp. Res.	BTH/BTH Ultra4/COMBO 12-24KW, DTH, MINI4 12KW	110 \$
ZEL100-4P50A24	Contacto 4 poles Coils 24V Contact 600V 50 Amp. Res.	INSTOMAX/ COMBOMAX ULTRA/ BTH ULTRA/ MINI 12KW	110 \$
ZEL100-4P50A240	Contacto 4 poles Coils 240V Contact 600V 50 Amp. Res.	BTH1 12-24 240V / DTH	110 \$
ZEL100-CPRO3	Digital controller	VENTUM	334 \$
ZEL100-MRB824V	Relay card	VENTUM	62 \$
ZEL100-RELDPST	Relay DPST- 1NO/1NC 120Vac	VOLTMAX & DTH ULTRA	19 \$
ZEL100-RTRS5VDC	Solid state relay on rail DIN 5Vdc	VOLTMAX	53 \$
ZEL100-SCR30APH	Solid state SCR relay 30A/600V3ph	VOLTMAX 480&600V, 30@90KW	562 \$
ZEL100-SCR50240	Solid state SCR relay 50A/240V/1ph	VOLTMAX 208 & 240V/1ph	338 \$
ZEL100-SCR65APH	Solid state SCR relay 65A/600V/3ph	VOLTMAX 600, 99@180kW	742 \$
ZEL100-SDISM171	VOLTMAX digital controller	VOLTMAX	954 \$
ZEL100-SENS070	Optional outdoor temperature sensor in a connection box	BTH ULTRA / MINI Ultra/ DTH Ultra	43 \$
ZEL100-SENSEXT	Standard outdoor temperature sensor	BTH ULTRA / MINI Ultra/ DTH Ultra	22 \$
ZEL100-SENSUNI	Boiler water temperature sensor	BTH ULTRA / MINI Ultra/ DTH Ultra/ COMBOMAX ULTRA	27 \$
ZEL100-SEXP171	VOLTMAX Expansion module	VOLTMAX	363 \$
ZEL100-ULTRA	Boiler Temperature Control ULTRA	BTH ULTRA / MINI Ultra	207 \$
ZEL100-ULTRA2	Control wire harness for MINI ULTRA	MINI ULTRA	37 \$
ZEL100-ULTRA4	Control wire harness for BTH ULTRA	BTH ULTRA	42 \$
ZEL100-ULTRACOM	Control wire harness for COMBOMAX ULTRA	COMBOMAX ULTRA	51 \$
ZEL125-SENSPRES	Pressure transducer	VOLTMAX 5TG&SCR	113 \$
ZEL150-120VAMB	Indicator light for hole 5/16" 120Vac 1/3W	DTH 600V/ Combomax 600V	18 \$
ZEL150-240VRED	Indicator light for hole 5/16" 240Vac 1/3W	INSTOMAX / MINI BTH/ BTH / DTH 240	18 \$
ZEL200-AQAJUSDM	Adjustable differential aquastat Doublemax	DoubleMax / Turbomax since november 2023	183 \$
ZEL200-AQU_AJUS	Adjustable temperature differential aquastat	TURBOMAX/ Reservoir RE - manufactured before November 2022	212 \$
ZEL200-DISC227	Temperature surface high limit, manual reset 227/F	BTH ULTRA 33-36KW	65 \$
ZEL200-G111781	Aquastat G1-11/781-000	BTH /GTH / COMBOMAX/ MINI BTH / DTH	165 \$
ZEL200-HL195F	Temperature high limit 195F	ComboMax ULTRA/ AltSource	65 \$
ZEL200-L4080D	Adjustable Temperature High limit 140/220F	VOLTMAX & DTH ULTRA	240 \$
ZEL200-L6C732	Temperature High limit L6 99C	All electric boilers	65 \$
ZEL200-NIV120V	Low water cut off 120V	VOLTMAX	446 \$
ZEL200-SEQ120NO	Sequencer single delay coil 120V Contact SPST NO 120V REL08	DTH	72 \$
ZEL250-1POGLAS	Fuse holder 250V 15A 1 pole for glass fuse	VOLTMAX/DTH/DTH ULTRA	17 \$
ZEL250-2POCC	Fuse holder 600V 2 poles for Fuse CC	VOLTMAX	15 \$
ZEL250-3POT	Fuse holder 60A/600v class T	DTH	77 \$
ZEL250-BLAD2A	Blade Fuse 2A 32V	BTH ULTRA/COMBOMAX ULTRA/MINI BTH/MINI ULTRA	1 \$
ZEL250-BLAD3A	Blade Fuse 3A 32V	BTH ULTRA/COMBOMAX ULTRA/MINI BTH/MINI ULTRA	1 \$
ZEL250-FAGLAS1A	Fast Acting Glass Fuse 250V 1 Amp	DTH/ INSTOMAX	2 \$
ZEL250-FAMID1/2	Fast Acting Fuse 600v 1/2 Amp Class Midjet	BTH ULTRA 208V/ COBOMAX 109 600V	11 \$
ZEL250-FAMID1/4	Fast Acting Fuse 600V 1/4 Amp Class Midjet	BTH 600V/ BTH ULTRA 480-600V	11 \$
ZEL250-FAMIDJ1A	Fast Acting Fuse 600V 1 Amp Class Midjet	DTH	11 \$
ZEL250-FAT50A	Fast Acting Fuse 600V 50 Amp Class T	DTH	34 \$
ZEL250-FAT60A	Fast Acting Fuse 600V 60 Amp Class T	225kW à 270kW & 315kW à 378kW (600V)	35 \$
ZEL250-FAT125A	Fast Acting Fuse 600V 125 Amp Class T	VOLTMAX 400-600V	71 \$
ZEL250-FAT150A	Fast Acting Fuse 600V 150 Amp Class T	VOLTMAX	71 \$
ZEL250-TDCC1/2A	Time Delay Fuse 600V 1/2 Amp Class CC	120 to 180kW & 192to 204RW(480V) & 192 to 270kW (600V)	17 \$
ZEL250-TDCC1/4A	Time Delay Fuse 600V 1/4 Amp Class CC	BTH 600V	17 \$
ZEL250-TDCC15A	Time Delay Fuse 600V 15 Amp Class CC	COMBOMAX/ MINI	17 \$
ZEL250-TDCC3/4A	Time Delay Fuse Type CC 3/4amp x 600V	288kW to 357kW(480V) & 315kW to 408kW (600V)	17 \$
ZEL250-TDCC6/10	Time Delay Fuse 600V 6/10 Amp Class CC	BTH/COMBO	17 \$
ZEL250-TDMIDJ5	Time Delay Fuse 600V 5 Amp Class Midjet	BTH Ultra/ COMBOMAX ULTRA/ MINI ULTRA	17 \$
ZEL250-TEMP2A	Time Delay Fuse 2A x 250V , 1/4"dia. x 1-1/4	315kW and 336kW to 408kW	2 \$
ZEL250-TEMP3/4A	Time Delay Fuse 3/4A x 250V 1/4"dia. x 1-1/4lg	75kW to 144kW + Volt 400	2 \$
ZEL300-24015DEL	Incoloy Electric Element square flange 15KW/240V/3Phases Delta	VOLTMAX 208 & 240V/3ph	345 \$
ZEL300-24018DEL	Incoloy Electric Element square flange 18KW/240V/3Phases Delta	VOLTMAX 208 & 240V/3ph	392 \$
ZEL300-240V15KW	Electric element square flange 15KW 240V	VOLTMAX	345 \$
ZEL300-240V18KW	Electric element square flange 18KW 240V	VOLTMAX	393 \$
ZEL300-240V3KW	Foldback copper Electric Element square flange 3KW 240V	See tables and manual	44 \$
ZEL300-240V45KW	Foldback copper Electric Element square flange 4,5KW 240V	See tables and manual	46 \$
ZEL300-240V5KW	Foldback copper Electric Element square flange 5KW 240V	See tables and manual	52 \$
ZEL300-240V6KW	Foldback copper Electric Element square flange 6KW 240V	See tables and manual	58 \$
ZEL300-347V3KW	Foldback copper Electric Element square flange 3KW 347V	See tables and manual	66 \$
ZEL300-347V45KW	Foldback copper Electric Element square flange 4,5KW 347V	See tables and manual	73 \$
ZEL300-347V5KW	Foldback copper Electric Element square flange 5KW 347V	See tables and manual	84 \$
ZEL300-347V6KW	Foldback copper Electric Element square flange 6KW 347V	See tables and manual	91 \$

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**Thermo 2000 inc.**

500, 9<sup>th</sup> Avenue  
 Richmond (Québec) J0B 2H0  
**1-888-854-1111**  
 Fax : (819) 826-6370



# Parts – LIST PRICING

See Reference Tables for details

# PART	Specifications	Models	Price
ZEL300-277V5KW	Electric Element square flange 5KW 277 V x 16"lg max.	DTH/BTH 480V	84 \$
ZEL300-277V6KW	Electric Element square flange 6KW 277 V x 16"lg max.	DTH/BTH 480V	91 \$
ZEL300-347V6CRN	Foldback Incoloy Electric Element square flange 5KW 347V CRN	DTH/ DTH Ultra 600V	126 \$
ZEL300-347V6CRN	Foldback Incoloy Electric Element square flange 6KW 347V CRN	DTH/ DTH Ultra 600V	151 \$
ZEL300-480V15KW	Incoloy Electric Element square flange 15KW/480V/3Phases WYE	VOLTMAX 480V/3ph	345 \$
ZEL300-480V18KW	Incoloy Electric Element square flange 18KW/480V/3Phases WYE	VOLTMAX 480V/3ph	392 \$
ZEL300-60015DEL	Incoloy Electric Element square flange 15KW/600V/3Phases Delta	VOLTMAX 600V/3ph	345 \$
ZEL300-60018DEL	Incoloy Electric Element square flange 15KW/600V/3Phases WYE	VOLTMAX 600V/3ph	392 \$
ZEL300-600V15KW	Incoloy Electric Element square flange 18KW/600V/3Phases Delta	VOLTMAX 600V/3ph	345 \$
ZEL300-600V18KW	Incoloy Electric Element square flange18KW/600V/3Phases WYE	VOLTMAX 600V/3ph	392 \$
ZEL400-12020VA	Transformer Closed Prim 120V/ Sec.24V 20VA	CBE-EM / CTA-BE/ BW	35 \$
ZEL400-120V40VA	Transformer Open Type Prim 120V/ Sec.24V 40VA	COMBOMAX/ BTH ULTRA4/ MINI4	38 \$
ZEL400-20842440	Transformer Open Type Prim 240V or 208V/Sec.24V 40VA	MINI/ BTH ULTRA/ COMBOMAX ULTRA/ INSTOMAX	38 \$
ZEL400-20842450	Transformer Open Type Prim 240V or 208V/Sec.24V 50VA	BTH ULTRA 27-36KW	38 \$
ZEL400-240100VA	Transformer Open Type with screw Prim 240V/Sec120/240V 100VA	DTH	102 \$
ZEL400-48024-40	Transformer Open Type Prim 480/Sec.24V 40VA	BTH ULTRA 480V	38 \$
ZEL400-57524-50	Transformer Open Type Prim 600/Sec.24V 50VA	BTH ULTRA 600V	38 \$
ZEL400-600100VA	Transformer Open Type Prim 600V/ Sec.120V 100VA	DTH 600V 45-96KW/ BTH 600	101 \$
ZEL400-600200VA	Transformer Open Type Prim 600V/ Sec.120V 200VA	DTH 600V 102-144KW	165 \$
ZEL450-CSENS200	Current transducer 200A	VOLTMAX SCR	121 \$
ZEL450-CSENS500	Current transducer 500A	VOLTMAX	195 \$
ZEL800-1P175600	Terminal Block 600V 1Pole 175A line 1x2/0-8 load 1x2/0-8	BTH ULTRA 33-36KW	26 \$
ZEL800-2P115600	Terminal Block 600V 2Poles 115A line 2-14 load (1X) 2-14	COMBOMAX ULTRA/ INSTOMAX	34 \$
ZEL800-2P175600	Terminal Block 600V 3Poles 115A line 2-14 load 2-14	BTH ULTRA 27-29KW	38 \$
ZEL800-3P115600	Terminal Block 600V 3Poles 115A line 2-14 load 2-14	BTH 8-18 Kw 240 V / MINI	46 \$
ZEL800-3P175600	Terminal Block 600V 3Poles 175A line 2/0-14 load (4X) 2/0-14	BTH/ BTH ULTRA/ BTH 600V	57 \$
ZEL900-2P100A	Breaker 100A	BTH ULTRA 33-36KW	222 \$
ZEL900-2P60A	Breaker 60A	BTH/ BTH ULTRA4 30-33KW	91 \$
ZEL900-ROCKER5A	Rocker switch SPST on/off 5A-125V 3A-250V QC.250	mini BTH	11 \$
ZMC100-1/2X37/8	Immersion well 1/2" 0.5"OD x 0.049" Tck x 3.875"lgt	ZEL100-ULTRA/ VoltMax	28 \$
ZMC100-1/2X5.9	Immersion well 1/2"NPT 0.625" OD 0.035" tck 5.9" lgt	min BTH/ InstoMax/ BTH 240V 27, 30, 33 Kw	28 \$
ZMC100-1/2X5/8	Immersion well 1/2" NPT 0.45"OD 0.049" tck 5-3/8" lgt	buffMAX/ doubleMax	48 \$
ZMC100-1/2X7	Immersion well 1/2" 0.5"OD x 0.032"tck x 7"lgt	TURBOMAX	28 \$
ZMC100-3/4x5.9	Immersion well 3/4" NPT 0.75" OD 0.042" tck 5.9" lgt	BTH/ DTH/ COMBOMAX	28 \$
ZMC100-3/8NPT	Thermal Well 3/8"NPT	ALL ELECTRIC BOILERS	28 \$
ZMC200-3WV1.25	3 Way Valve Body 1 1/4" NPT	Dual emergy	340 \$
ZMC200-3WV1NPT	3 Way Valve Body 1" NPT	COMBOMAX / CBE-EM-AV	292 \$
ZMC200-MIX34SWT	Sweat Union Mixing Valve 3/4" with check valve 100F-145F	INSTOMAX/ COMBOMAX ULTRA/ COMBOMAX	197 \$
ZMC200-ROB3/4N	Angled brass drain valve 3/4"M NPT Black handle	MINI/ bth ULTRA	13 \$
ZMC200-SV125PS1	ASME Safety Valve 3/4"F x 3/4"F, 2 199 MBH, 125PSI, Brass	VOLTMAX 125PSI	172 \$
ZMC200-SV150PS1	Safety Relief Valve ASME 3/4"Fx3/4"F 3 116 MBH 150PSI Brass	VOLTMAX 400	172 \$
ZMC200-SV30PS11	Safety Relief Valve ASME 3/4"M x 3/4"F 535 MBH 30PSI Br	MINI, BTH ULTRA, VOLTMAX 30	31 \$
ZMC200-SV30PSI2	Safety Relief Valve ASME 3/4"F x 3/4"F 535 MBH 30PSI Br	TURBOMAX 23, 24, 33, 34, 43, 44, 45, 65	31 \$
ZMC200-SV50PSI2	Safety Relief Valve ASME 3/4"F x 3/4"F 696 MBH 50PSI Br	TURBOMAX 65A, TURBOMAX <sup>3</sup>	57 \$
ZMC200-SV50PSI3	Safety Relief Valve ASME 3/4"F x 3/4"F 1209 MBH 50PSI Br	TURBOMAX 109/ 109A	167 \$
ZMC200-SV60PSI1	Safety Relief Valve ASME 3/4"M x 3/4"F 807 MBH 50PSI Br	DTH/ DTH ULTRA 60 PSI	57 \$
ZMC200-SV60PSI2	ASME Safety Valve 3/4"F x 3/4"F, 807 MBH, 60PSI, Brass	VOLTMAX 60 PSI	57 \$
ZMC200-SV70PSI1	ASME Safety Valve 3/4"F x 3/4"F, 917 MBH, 70PSI, Brass	VOLTMAX 70 PSI	57 \$
ZMC200-SVTP125	T&P Safety Relief Valve ASME 3/4 M x 3/4" F, 125PSI Laiton	INSTOMAX/ COMBOMAX ULTRA	24 \$
ZMC200-VA2P24V	Valve actuator 24V ON-OFF, SPDT auxiliary contact	COMBOMAX / CBE-EM-AV	215 \$
ZMC250-RAD40	Radiator VenTum 40	VENTUM	810 \$
ZMC250-RAD60	Radiator VenTum 60	VENTUM	901 \$
ZMC300-120PT4PO	Thermo-manometer 3"dia. 0/60psi, 0/120C 1/2" NPT bottom	TURBOMAX/ COMBOMAX/ COMBOMX ULTRA/ INSTOMAX	65 \$
ZMC300-120PT8PO	Thermo-manometer 3"dia. 0/60psi, 0/120C 1/2" NPT bottom	TURBOMAX ASME	65 \$
ZMC300-200P160C	Tridicator 2.5", 0-200psi, 0/160C 1/2"NPT BLACK	BuffMAX - ASME / Turbomax ASME	40 \$
ZMC300-60P120C	Thermo-manometer 3"dia. 0/60psi, 0/120C 1/2" NPT bottom	DTH/ DTH ULTRA/ BTH/ BTHULTRA4	65 \$
ZMC300-75P160C	Thermo-manometer 2-1/2"dia. 0/75psi, 0/160C 1/2" NPT back	MINI4	40 \$
ZMC300-75P160C2	Tridicator 2.5", 0-75psi, 0/160C 1/2"NPT 1.5"C BLACK	TURBOMAX / Buffmax (No ASME)	40 \$
ZMC300-75P160CN	Thermo-manometer black 2-1/2"dia. 0/75psi, 0/160C 1/2" NPT back	MINI/ BTH ULTRA	40 \$
ZMC600-AV1/2	Automatic Air vent 1/2" MNPT	BUFF/COMBO/TURBOMAX/DOUBLEMAX	34 \$
ZMC600-CV1/2	Check Valve 1/2"	BUFF/COMBO/TURBOMAX/DOUBLEMAX	22 \$
ZMC700-10X10EO	¾ HP Motor/fan assembly	VENTUM	1 053 \$
ZMC700-9X6EO	½ HP Motor/fan assembly	VENTUM	769 \$
ZMC900-GSK21/2S	Gasket for heating element	All electric boilers	3 \$
ZMC950-PRES&CHK	Pressure reducer and check valve	INSTOMAX/ COMBOMAX ULTRA	178 \$
ZMC950-VAEXP30	Expansion tank No. 30	INSTOMAX	72 \$
ZMC960-UPS15RU	Pump	VENTUM	230 \$

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