

WALCHEM

An Iwaki America Company

Controller Price List

2009 CONTROLLER PRICE LIST

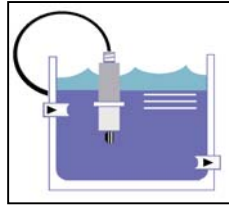
Products / Spare Parts / Accessories

Five Boynton Road Hopping Brook Park Holliston, MA 01746 USA

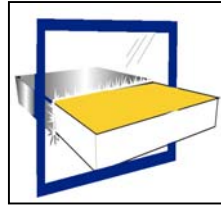
TEL: 508-429-1110 FAX: 508-429-7433 WEB: www.walchem.com



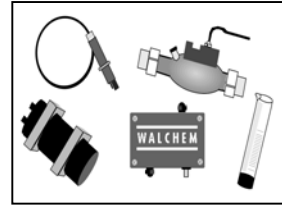
WATER TREATMENT



pH/ORP - CONDUCTIVITY



SPECIALTY/ PLATING



ACCESSORIES

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SECTION 1 COOLING TOWER/BOILER WATER

Web Master® ONE

WMT8 Cooling Tower Conductivity Controller

WMT 8



SYSTEM
COND
SENSOR



pH/ORP
SENSORS



MAKEUP
COND
SENSOR



VOLTAGE
CODE



FLOW
SWITCH
OPTION



ANALOG
OUTPUTS



INPUT
OPTIONS



DIGITAL
COMMS
HARDWARE

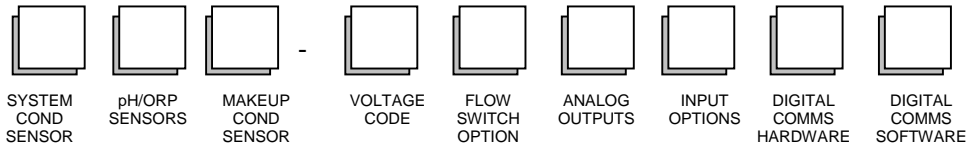


DIGITAL
COMMS
SOFTWARE

PART # / CODE	DESCRIPTION	PRICE (adder)
WMT8	Multi I/O Cooling Tower Controller	\$ 2307.00
SYSTEM CONDUCTIVITY SENSOR		
0	No system conductivity sensor	n/c
1	Conductivity, contacting, PP/Graphite electrode 140 psi	+216.00
2	Conductivity, electrodeless, CPVC, 140 psi	+556.00
3	Conductivity, contacting, PP/stainless electrode, 140 psi	+268.00
4	Conductivity, contacting, 300 psi at 140° F	+625.00
pH/ORP SENSORS		
0	No pH/ORP sensors	n/c
1	pH sensor, flat surface, 100 psi	+633.00
2	ORP sensor, rod style, 100 psi	+690.00
3	Both pH (flat) and ORP (rod style) sensors, 100 psi	+1324.00
4	pH sensor, bulb style, high pressure, 300 psi	+878.00
5	ORP sensor, high pressure, 300 psi	+878.00
6	Both pH and ORP sensors, high pressure, 300 psi	+1755.00
MAKEUP CONDUCTIVITY SENSOR		
0	No makeup conductivity sensor	n/c
1	Conductivity, contacting, PP/Graphite electrode 140 psi	+424.00
2	Conductivity, electrodeless, CPVC, 140 psi	+764.00
3	Conductivity, contacting, PP/stainless electrode, 140 psi	+476.00
4	Conductivity, contacting, 300 psi at 140° F	+833.00
VOLTAGE CODE		
0	Prewired w/ USA power cord, 0 powered relays, 8 dry contact relays	+133.00
1	Prewired w/ USA cords, 7 powered relays, 1 dry contact relay	+133.00
2	Prewired w/ USA cords, 8 powered relays	+133.00
3	Prewired w/ USA cords, 4 powered relays, 4 dry contact relays	+133.00
4	Hardwired, 0 powered relays, 8 dry contact relays	n/c
5	Hardwired, 8 powered relays	n/c
6	Hardwired, 7 powered relays, 1 dry contact relay	n/c
7	Hardwired, 4 powered relays, 4 dry contact relays	n/c
FLOW SWITCH OPTION		
N	No flow switch, in-line sensors	n/c
L	Loose flow switch manifold, 20 ft. cable, low pressure	+122.00
P	Flow switch manifold on PP panel, 5 ft. cable, low pressure	+203.00
S	No flow switch, Submersion sensors	n/c
F	Loose flow switch manifold, 20 ft. cable, high pressure	+314.00
H	Flow switch manifold on PP panel, 5 ft. cable, high pressure	+396.00

WMT8 Cooling Tower Controller *continued*

WMT 8



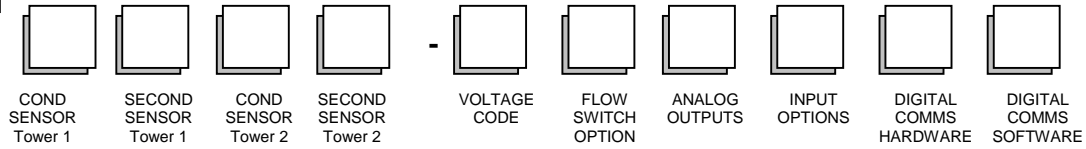
PART # / CODE	DESCRIPTION	PRICE (adder)
ANALOG OUTPUTS		
N	None	n/c
1	One 4-20 mA output board	+109.00
2	Two 4-20 mA output boards	+218.00
3	Three 4-20 mA output boards	+327.00
4	Four 4-20 mA output boards	+436.00
INPUT OPTIONS		
N	None	n/c
A	Analog Input board (8 Inputs)	+212.00
D	Digital Input board (6 Inputs)	+160.00
B	Both Analog and Digital Input boards	+372.00
DIGITAL COMMS HARDWARE (USB AND ETHERNET ARE STANDARD)		
N	No additional communications capability	n/c
M	Modem card	+180.00
	Cellular Modem card	Consult factory
DIGITAL COMMS SOFTWARE (USB AND ETHERNET ARE STANDARD)		
N	No additional capability	n/c
1	Ethernet Networking (Master Capability)	+515.00
2	Modbus TCP	+489.00
3	Ethernet Networking (Master Capability) + Modbus TCP	+1004.00



WMD8 Dual Tower Conductivity Controller

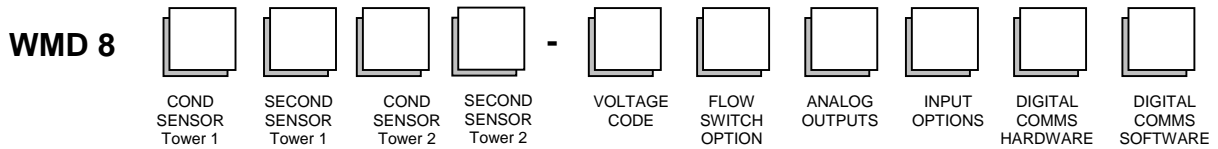
Web Master® ONE

WMD 8



PART # / CODE	DESCRIPTION	PRICE (adder)
WMD8	Multi I/O Dual Tower Controller	\$ 2307.00
TOWER 1 SYSTEM CONDUCTIVITY SENSOR		
0	No system conductivity sensor	n/c
1	Conductivity, contacting, PP/Graphite electrode 140 psi	+216.00
2	Conductivity, electrodeless, CPVC, 140 psi	+556.00
3	Conductivity, contacting, PP/stainless electrode, 140 psi	+268.00
4	Conductivity, contacting, 300 psi at 140° F	+625.00
TOWER 1 - 2ND SENSOR		
0	No sensor	n/c
1	pH sensor, flat surface, 100 psi	+633.00
2	ORP sensor, rod style, 100 psi	+690.00
3	pH sensor, bulb style, high pressure, 300 psi	+878.00
4	ORP sensor, rod style, high pressure, 300 psi	+878.00
5	Conductivity, contacting, PP/Graphite electrode, makeup water or closed loop	+424.00
6	Conductivity, contacting, 300 psi at 140 F, makeup water or closed loop; 250 psi at 392° F	+833.00
TOWER 2 SYSTEM CONDUCTIVITY SENSOR		
0	No system conductivity sensor	n/c
1	Conductivity, contacting, PP/Graphite electrode 140 psi	+424.00
2	Conductivity, electrodeless, CPVC, 140 psi	+764.00
3	Conductivity, contacting, PP/stainless electrode, 140 psi	+476.00
4	Conductivity, contacting, 300 psi at 140° F	+833.00
TOWER 2 - 2ND SENSOR		
0	No sensor	n/c
1	pH sensor, flat surface, 100 psi	+633.00
2	ORP sensor, rod style, 100 psi	+690.00
3	pH sensor, bulb style, high pressure, 300 psi	+878.00
4	ORP sensor, rod style, high pressure, 300 psi	+878.00
5	Conductivity, contacting, PP/Graphite electrode, makeup water or closed loop	+424.00
6	Conductivity, contacting, 300 psi at 140 F, makeup water or closed loop; 250 psi at 392° F	+833.00

WMD8 Dual Tower Controller *continued*



PART # / CODE	DESCRIPTION	PRICE (adder)
VOLTAGE CODE		
0	Prewired w/ USA power cord, 0 powered relays, 8 dry contact relays	+133.00
1	Prewired w/ USA cords, 7 powered relays, 1 dry contact relay	+133.00
2	Prewired w/ USA cords, 8 powered relays	+133.00
3	Prewired w/ USA cords, 4 powered relays, 4 dry contact relays	+133.00
4	Hardwired, 0 powered relays, 8 dry contact relays	n/c
5	Hardwired, 8 powered relays	n/c
6	Hardwired, 7 powered relays, 1 dry contact relay	n/c
7	Hardwired, 4 powered relays, 4 dry contact relays	n/c
FLOW SWITCH OPTION		
N	No flow switch, in-line sensors	n/c
L	Loose flow switch manifold, 20 ft. cable, low pressure	+243.00
P	Flow switch manifold on PP panel, 5 ft. cable, low pressure	+406.00
S	No flow switch, Submersion sensors	n/c
F	Loose flow switch manifold, 20 ft. cable, high pressure	+628.00
H	Flow switch manifold on PP panel, 5 ft. cable, high pressure	+791.00
* Both Towers get the same flow switch option. At least one sensor per manifold must be ordered.		
* If both sensors for a tower are conductivity, only sensor 1 is connected to the flow switch manifold, the other is assumed to be for makeup or closed loop. Only one manifold on a panel.		
ANALOG OUTPUTS		
N	None	n/c
1	One 4-20 mA output board	+109.00
2	Two 4-20 mA output boards	+218.00
3	Three 4-20 mA output boards	+327.00
4	Four 4-20 mA output boards	+436.00
INPUT OPTIONS		
N	None	n/c
A	Analog Input board (8 Inputs)	+212.00
D	Digital Input board (6 Inputs)	+160.00
B	Both Analog and Digital Input boards	+372.00
DIGITAL COMMS HARDWARE (USB AND ETHERNET ARE STANDARD)		
N	No additional communications capability	n/c
M	Modem card	+180.00
	Cellular Modem card	Consult factory
DIGITAL COMMS SOFTWARE (USB AND ETHERNET ARE STANDARD)		
N	No additional capability	n/c
1	Ethernet Networking (Master Capability)	+515.00
2	Modbus TCP	+489.00
3	Ethernet Networking (Master Capability) + Modbus TCP	+1004.00

WMT/WMD Accessories

PART # / CODE	DESCRIPTION	PRICE
Add-On Kits		
191057	Kit, pH, Add-on, 5 ft. cable	\$ 633.00
191057-20	Kit, pH, Add-on, 20 ft. cable	647.00
191058	Kit, ORP, Add-on, 5 ft. cable	690.00
191058-20	Kit, ORP, Add-on, 20 ft. cable	705.00
191059	Kit, Contacting Conductivity, Add-on, 20 ft. for makeup	424.00
191060	Kit, Electrodeless Conductivity, Add-on, 20 ft. cable	764.00
191493	Kit, Free Chlorine, Add-on, 20 ft. cable	1488.00
191494	Kit, Free Chlorine, Add-on w/manifold, 20 ft. cable	1868.00
191495	Kit, Chlorine Dioxide, Add-on, 20 ft. cable	1691.00
191495	Kit, Chlorine Dioxide, Add-on w/manifold, 20 ft. cable	2071.00
Solenoid Valves		
102012	Solenoid valve, cooling tower, 1", 120V	373.00
102013	Solenoid valve, cooling tower, ¾", 120V	217.00
102014	Solenoid valve, cooling tower, ½", 120V	186.00
Water Meters		
Reed Switch type*		
WFM071-0	Water meter contactor, ¾"	213.00
WFM101-0	Water meter contactor, 1"	285.00
WFM151-0	Water meter contactor, 1.5"	530.00
WFM201-0	Water meter contactor, 2"	663.00
Hall Effect Switch type*		
WFM072-0	Water meter contactor, ¾"	213.00
WFM102-0	Water meter contactor, 1"	285.00
WFM152-0	Water meter contactor, 1.5"	530.00
WFM202-0	Water meter contactor, 2"	663.00
* Specify the appropriate gallons per contact for each of the water meters above. For example, a ¾" Hall Effect meter with 100 gallons per pulse will be "WFM072-0G100."		
Paddlewheel type		
WFP050	Paddlewheel w/ ½" mounting tee	460.00
WFP075	Paddlewheel w/ ¾" mounting tee	466.00
WFP100	Paddlewheel w/ 1" mounting tee	466.00
WFP150	Paddlewheel w/ 1.5" mounting tee	466.00
WFP200	Paddlewheel w/ 2" mounting tee	477.00
WFP300	Paddlewheel w/ 3" mounting saddle	501.00
WFP400	Paddlewheel w/ 4" mounting saddle	571.00
WFP600	Paddlewheel w/ 6" mounting saddle	627.00
51585	Paddlewheel sensor, ½" to 3", no mounting fitting	340.00
51586	Paddlewheel sensor, 4" to 6", no mounting fitting	362.00
Level Switches		
190964-3	Level switch, 3 ft. maximum depth	129.00
190964-5	Level switch, 5 ft. maximum depth	138.00
Extension Cables		
102535	Cable, 3 twisted pair shielded (pH, ORP or Conductivity)	1.90/ft
102410	Cable, 2 wire (flow switch, water meter, etc)	0.60/ft
103006	Cable, 3 conductor for Hall Effect water meters and paddlewheel	0.80/ft
190851	Junction Box	64.00

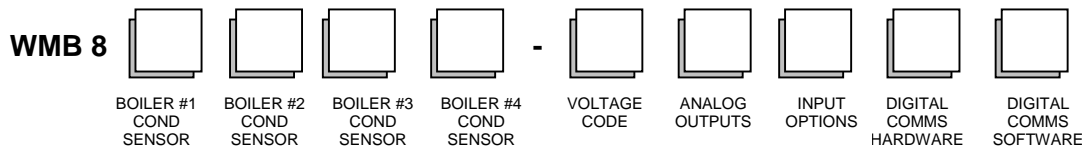
Calibration Standards

51369	Buffer, pH 4, pint	12.80
51370	Buffer, pH 7, pint	12.80
51371	Buffer, pH 10, pint	12.80
51372	Quinhydrone, 20 grams	73.00
51373	Calibration kit, ORP	105.00



WMB8 Boiler Conductivity Controller

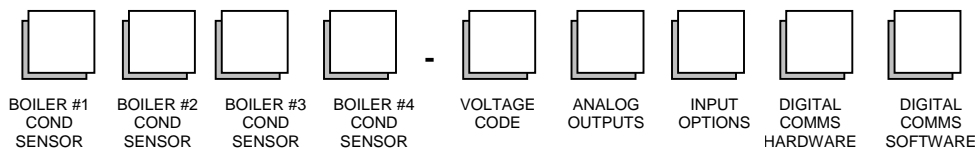
Web Master® **ONE**



PART # / CODE	DESCRIPTION	PRICE (adder)
WMB8	Multi I/O Boiler Controller	\$ 2307.00
BOILER #1 CONDUCTIVITY SENSOR		
0	No conductivity sensor	n/c
1	Contacting electrode, 250 psi, cable sold separately	+625.00
BOILER #2 CONDUCTIVITY SENSOR		
0	No conductivity sensor	n/c
1	Contacting electrode, 250 psi, cable sold separately	+833.00
BOILER #3 CONDUCTIVITY SENSOR		
0	No conductivity sensor	n/c
1	Contacting electrode, 250 psi, cable sold separately	+833.00
BOILER #4 CONDUCTIVITY SENSOR		
0	No conductivity sensor	n/c
1	Contacting electrode, 250 psi, cable sold separately	+833.00
VOLTAGE CODE		
0	Prewired w/ USA power cord, 0 powered relays, 8 dry contact relays	+133.00
1	Prewired w/ USA cords, 7 powered relays, 1 dry contact relay	+133.00
2	Prewired w/ USA cords, 8 powered relays	+133.00
3	Prewired w/ USA cords, 4 powered relays, 4 dry contact relays	+133.00
4	Hardwired, 0 powered relays, 8 dry contact relays	n/c
5	Hardwired, 8 powered relays	n/c
6	Hardwired, 7 powered relays, 1 dry contact relay	n/c
7	Hardwired, 4 powered relays, 4 dry contact relays	n/c
ANALOG OUTPUTS		
N	None	n/c
1	One 4-20 mA output board	+109.00
2	Two 4-20 mA output boards	+218.00
3	Three 4-20 mA output boards	+327.00
4	Four 4-20 mA output boards	+436.00
INPUT OPTIONS		
N	None	n/c
A	Analog Input board (8 Inputs)	+212.00
D	Digital Input board (6 Inputs)	+160.00
B	Both Analog and Digital Input boards	+372.00

WMB Boiler Controller *continued*

WMB 8



PART # / CODE	DESCRIPTION	PRICE (adder)
DIGITAL COMMS HARDWARE (USB AND ETHERNET ARE STANDARD)		
N	No additional communications capability	n/c
M	Modem card	+180.00
	Cellular card	Consult Factory
DIGITAL COMMS SOFTWARE (USB AND ETHERNET ARE STANDARD)		
N	No additional capability	n/c
1	Ethernet Networking (Master Capability)	+515.00
2	Modbus TCP	+489.00
3	Ethernet Networking (Master Capability) + Modbus TCP	+1004.00

WMB Accessories

Add-on Kits

191085	Kit, Boiler Conductivity Add-on	833.00
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Solenoid Valves

102219	Solenoid valve, boiler, ½", 100-300 psi, 120V	538.00
102220	Solenoid valve, boiler, ¾", 100-300 psi, 120V	626.00
102571	Solenoid valve, boiler, ½", 0-100 psi, 120V	386.00
102572	Solenoid valve, boiler, ¾", 0-100 psi, 120V	394.00

Motorized Ball Valves

102448	Motorized ball valve, boiler, ½", 0-300 psi, 120V	1033.00
102449	Motorized ball valve, boiler, ¾", 0-300 psi, 120V	1090.00
102450	Motorized ball valve, boiler, 1", 0-300 psi, 120V	1129.00

Flow Control Valves

190831	Flow control valve, boiler, ¾", 0-150 psi	586.00
190832	Flow control valve, boiler, ¾", 0-300 psi	847.00
190833	Flow control valve, boiler, ½", 0-150 psi	508.00
190834	Flow control valve, boiler, ½", 0-300 psi	738.00

Orifice Unions

102224	Orifice Union, ½", with 4 orifice plates, 0-1000 psi	\$240.00
102225	Orifice Union, ¾", with 4 orifice plates, 0-1000 psi	264.00
102226	Orifice Union, 1", with 4 orifice plates, 0-1000 psi	296.00

Level Switches

190964-3	Level switch, 3 ft. maximum depth	129.00
190964-5	Level switch, 5 ft. maximum depth	138.00

Extension Cables

102535	Cable, 3 twisted pair shielded (Conductivity, pH or ORP)	1.90/ft
102410	Cable, 2 wire (flow switch, water meter, etc)	0.60/ft
103006	Cable, 3 conductor for Hall Effect water meters and paddlewheel	0.80/ft
190851	Junction Box	64.00



WM18 Mixed Purpose Cooling Tower/Boiler Controller

Web Master® **ONE**

WM18



SENSOR
INPUTS

-



VOLTAGE
CODE



ANALOG
OUTPUTS



INPUT
OPTIONS



DIGITAL
COMMS
HARDWARE



DIGITAL
COMMS
SOFTWARE

PART # / CODE	DESCRIPTION	PRICE (adder)
WM18	Multi I/O Mixed Purpose Controller	\$ 2307.00
SENSOR INPUTS REQUIRED		
1	One sensor input	n/c
2	Two sensor inputs	+208.00
3	Three sensor inputs	+416.00
4	Four sensor inputs	+624.00
<i>Note: All sensors and flow switch manifolds must be purchased separately. See Sensor Options for WM18.</i>		
VOLTAGE CODE		
0	Prewired w/ USA power cord, 0 powered relays, 8 dry contact relays	+133.00
1	Prewired w/ USA cords, 7 powered relays, 1 dry contact relay	+133.00
2	Prewired w/ USA cords, 8 powered relays	+133.00
3	Prewired w/ USA cords, 4 powered relays, 4 dry contact relays	+133.00
4	Hardwired, 0 powered relays, 8 dry contact relays	n/c
5	Hardwired, 8 powered relays	n/c
6	Hardwired, 7 powered relays, 1 dry contact relay	n/c
7	Hardwired, 4 powered relays, 4 dry contact relays	n/c
ANALOG OUTPUTS		
N	None	n/c
1	One 4-20 mA output board	+109.00
2	Two 4-20 mA output boards	+218.00
3	Three 4-20 mA output boards	+327.00
4	Four 4-20 mA output boards	+436.00
INPUT OPTIONS		
N	None	n/c
A	Analog Input board (8 Inputs)	+212.00
D	Digital Input board (6 Inputs)	+160.00
B	Both Analog and Digital Input boards	+372.00
DIGITAL COMMS HARDWARE (USB AND ETHERNET ARE STANDARD)		
N	No additional communications capability	n/c
M	Modem card	+180.00
	Cellular card	Consult factory
DIGITAL COMMS SOFTWARE (USB AND ETHERNET ARE STANDARD)		
N	No additional capability	n/c
1	Ethernet Networking (Master Capability)	+515.00
2	Modbus TCP	+489.00
3	Ethernet Networking (Master Capability) + Modbus TCP	+1004.00

Sensor and Flow Switch Manifold Options for WM18

The first step is to select your sensors.		
<ul style="list-style-type: none"> • If the sensor will be installed in a flow switch manifold on a panel, select from the list of sensors under Panel Mounted Flow Switch Manifold Sensor Options, as these sensors do not include the in-line mounting hardware. • If the sensor will be mounted in-line, select from the sensors under In-Line Mounted Sensor Options. • If the sensor will be mounted in a submersion application or in a loose manifold, select from the sensors under Submersion Mounted or Loose Flow Switch Manifold Sensor Options. 		
The second step is to select the flow switch manifold (if required) to use with your sensors.		
<ul style="list-style-type: none"> • Loose Flow Switch Manifold Options are intended for use with Submersion Mounted Sensor Options with 20 ft. cables. • Panel Mounted Manifold Options are intended for use with Panel Mounted Flow Manifold Sensor Options with 5 ft. cables. Please note that for each controller, only one manifold may be mounted on a panel next to the controller. 		
Cables are available in 5 ft. (1.6m) or 20 ft. (6.1m) lengths. Order extension cable and junction box for longer runs. Boiler and high pressure cooling tower conductivity sensor assemblies include a preamp and junction box. Cable must be ordered separately (p/n 102535).		
Maximum Cable Lengths	pH and ORP: 1000 ft. (305m)	Conductivity: 250 ft. (76m)

Sensor Options for Panel Mounted Flow Switch Manifolds (no in-line mounting hardware)		Price
pH		
191202	pH, flat, 5 ft. cable, no tee, w/temp comp	\$ 402.00
191204	pH, high pressure, 10 ft. cable, in-line, with 190783 preamp	670.00
ORP		
191203	ORP, rod style, 5 ft. cable, no tee	415.00
191205	ORP, high pressure, 10 ft. cable, in-line, with 190783 preamp	670.00
Contacting Conductivity (0-10,000µS/cm)		
190984-05	Contacting, PP/Graphite, 5 ft. cable, no tee	153.00
191096-05	Contacting, PP/stainless, 5 ft. cable, no tee	205.00
191091	Contacting, 300 psi, no cable (high pressure tower) with preamp and j-box	625.00
Electrodeless Conductivity (50-10,000µS/cm)		
190988-05	Electrodeless, 5 ft. cable, no tee, CPVC	446.00
In-Line Mounted Sensor Options (includes in-line mounting hardware)		
pH		
WEL-PHF-12	pH, flat, 20 ft. cable, in-line	465.00
ORP		
WEL-MVR-22	ORP, rod style, 20 ft. cable, in-line	478.00
Contacting Conductivity (0-10,000µS/cm)		
191198	Contacting, PP/graphite, 20 ft. cable, in-line or submersion	216.00
191200	Contacting, PP/stainless, 20 ft. cable, in-line or submersion	268.00
191087	Contacting, 250 psi, no cable (boiler) with preamp and j-box	625.00
191091	Contacting, 300 psi, no cable (high pressure tower) with preamp and j-box	625.00
Electrodeless Conductivity (50-10,000µS/cm)		
191201	Electrodeless, 20 ft. cable, in-line w/mtg adapter, CPVC	565.00

Submersion Mounted or Loose Flow Switch Manifold Sensor Options		
pH		PRICE
WEL-PHF-11	pH, flat, 20 ft. cable, submersion	\$ 402.00
ORP		
WEL-MVR-21	ORP, rod style, 20 ft. cable, submersion	415.00
Contacting Conductivity (0-10,000µS/cm)		
191198	Contacting, PP/graphite, 20 ft. cable, in-line or submersion	216.00
191200	Contacting, PP/stainless, 20 ft. cable, in-line or submersion	268.00
Electrodeless Conductivity (50-10,000µS/cm)		
190988	Electrodeless, 20 ft. cable, no mtg adapter, CPVC	446.00
Loose Flow Switch Manifold Options		
For one sensor per manifold:		
191007	Low pressure conductivity	203.00
191189	High pressure conductivity	546.00
191022	Low pressure electrodeless conductivity	203.00
For two sensors per manifold:		
191008	Low pressure contacting conductivity + pH/ORP	262.00
191078	High pressure contacting conductivity + high pressure pH/ORP	902.00
191023	Low pressure electrodeless conductivity + pH/ORP	262.00
For three sensors per manifold:		
191009	Low pressure contacting conductivity + two H/ORP	329.00
191090	High pressure contacting conductivity + two high pressure pH/ORP	1202.00
191024	Low pressure electrodeless conductivity + two pH/ORP	329.00
Panel Mounted Manifold Options:		
For one sensor per manifold:		
191206	Low pressure contacting conductivity on Polypro panel	244.00
191207	High pressure contacting conductivity on Polypro panel	587.00
191208	Low pressure electrodeless conductivity on Polypro panel	244.00
For two sensors per manifold:		
191209	Low pressure conductivity + pH/ORP on Polypro panel	303.00
191210	High pressure contacting conductivity + high pressure pH/ORP on Polypro panel	979.00
191211	Low pressure electrodeless conductivity + pH/ORP on Polypro panel	303.00
For three sensors per manifold:		
191212	Low pressure contacting conductivity + two pH/ORP on Polypro panel	370.00
191213	High pressure contacting conductivity + two high pressure pH/ORP on Polypro panel	1279.00
191214	Low pressure electrodeless conductivity + two pH/ORP on Polypro panel	370.00
Extension Cable		
102535	Cable, 3 twisted pair, shielded (pH, ORP, Conductivity)	1.90/ft
100084	Cable, 4 conductor (Disinfection)	0.70/ft
Junction Box		
190851	Junction Box	64.00

Spare Parts for WMT8/WMD8/WMB8/WM18
(For WM18 Accessories see WMT/WMB/WMD Accessories)

PART # / CODE	DESCRIPTION	PRICE
Circuit Boards		
191040	4-20 mA Output Card	\$ 109.00
191041	Digital Input Card	160.00
191042	Analog Input Card	212.00
191215	Modem Card	180.00
191045	Sensor Input Card	208.00
191294	Power Supply, W800	145.00
191049	Display	128.00
191216	Relay Card, 7 Powered, 1 dry	251.00
191217	Relay Card, 8 Powered	251.00
191218	Relay Card, 4 powered, 4 dry	251.00
191219	Relay Card, 6 powered, 2 dry	251.00
191220	Relay Card, 8 dry contact	251.00
191239	Core Interface Board	639.00
191254	Core, WM1	450.00
Fuses		
102833	Fuse, F1, 1.6 amp	2.30
102834	Fuse, F2 and F3, 6.3 amp	3.40
102943	Pigtail, 120 VAC	5.20
Sensors & Preamplifiers		
WEL-PHF-NN	Electrode, pH, Flat	143.00
WEL-MVR-NN	Electrode, ORP, Rod	201.00
102029	Electrode, pH, high pressure	335.00
102963	Electrode, ORP, high pressure	335.00
102606	Preamplifier Housing, pH/ORP, No ATC, 20 ft. cable, for WEL	214.00
102606-5	Preamplifier Housing, pH/ORP, No ATC, 5 ft. cable, for WEL	214.00
102581	Preamplifier Housing, pH/ORP, ATC, 20 ft. cable, for WEL	259.00
190783	Preamplifier, pH/ORP, for high pressure electrodes	165.00
191086	Preamp, for high pressure contacting conductivity electrode (190768)	105.00
190984	Electrode, Contacting Conductivity, Active, PP/Graphite	153.00
190988	Sensor, Electrodeless Conductivity, Active, CPVC, 10,000 μ S/cm	446.00
190768	Sensor, Contacting Conductivity, Boiler	299.00
103061	Sensor, Contacting Conductivity, high pressure tower, 300 psi	523.00
191096	Electrode, Contacting Conductivity, Active, PP/Stainless Steel, 20 ft. cable	205.00
191096-05	Electrode, Contacting Conductivity, Active, PP/Stainless Steel, 5 ft. cable	205.00
Electrode Mounting Parts		
102586	Nut, for low pressure sensor mounting	23.40
102594	O-Ring, FKM, for low pressure sensor mounting	6.40
102884	Tee, for low pressure sensor mounting	33.00
102879-01	Elbow, for low pressure contacting conductivity sensors	33.00
102028	Gland, stainless, for high pressure pH/ORP sensor mounting	256.00
103212	Adapter, in line, for electrodeless conductivity sensor	95.00
103193	Cross, 3/4", Black iron, boiler	49.00
103058	Tee, 3/4" Black iron, boiler	36.00

Flow Switch Parts		PRICE
190996	Float, low pressure flow switch	\$ 44.00
190998	Switch, low pressure flow switch	67.00
102919	O-Ring, float retaining	2.30
190997	Flow switch, low pressure, complete	119.00
102962	Flow switch, high pressure	355.00
102387	Sample Valve, low pressure	24.50
103056	Sample Valve, high pressure	20.60
102881	Flow Switch Body (Tee)	25.80

Accessories		
103263	USB cable	15.50
103268	USB Flash drive	66.00
103269	Modbus Upgrade code	489.00
103270	Networking "Master" Upgrade code	515.00

Spare Parts for WMT7/WMB7/WGI7

PART # / CODE	DESCRIPTION	PRICE
191040	4-20 mA Output Card	\$ 109.00
191041	Digital Input Card	160.00
191042	Analog Input Card	212.00
191043	Ethernet Card	530.00
191044	Modem Card	424.00
191045	Sensor Input Card	208.00
191046	Power Supply, W700	145.00
191047	Relay Card, 7 powered, dry contact alarm, WMT7	251.00
191048	Relay Card, 6 powered, dry contact alarm/bleed, WMT7	251.00
191049	Display	128.00
191050	Core Interface Card, WMT7	456.00
191051	Core Card + memory module, WMT7	718.00
191051-M	Core Card + Master memory module, WMT7	1233.00
191128	Core Card + memory module, WMT7, CE approved	718.00
191128-M	Core Card + Master memory module, WMT7, CE approved	1233.00
191052	Memory module, WMT7	139.00
191052-M	Memory module, WMT7, master	515.00
191080	Relay Card, 8 powered	251.00
191081	Relay Card, 4 powered blowdown, 4 dry alarm/feed	251.00
191082	Core Card + memory module, WMB7	718.00
191082-M	Core Card + Master memory module, WMB7	1233.00
191129	Core Card + memory module, WMB7, CE approved	718.00
191129-M	Core Card + Master memory module, WMB7, CE approved	1233.00
191084	Memory module, WMB7	139.00
191084-M	Memory module, WMB7, master	515.00
191105	Core Interface Card, WMB7	456.00
191122	Relay Card, 8 powered, WGI	251.00

Spare Parts for WMT7/WMB7/WGI7 (CONTINUED)		PRICE
191123	Core Card + memory module, WGI	\$ 718.00
191123-M	Core Card + Master memory module, WGI	1233.00
191130	Core Card + memory module, WGI, CE approved	718.00
191130-M	Core Card + Master memory module, WGI, CE approved	1233.00
191124	Memory Module, WGI	139.00
191124-M	Memory Module, WGI master	515.00
191125	Core Interface Card, WGI	456.00
102833	Fuse, F1, 1.6 amp	2.30
102834	Fuse, F2 and F3, 6.3 amp	3.40
102943	Pigtail, 120V	5.20



WCT400 Series Bleed & Feed Cooling Tower Controllers

WCT400 -



VOLTAGE



OUTPUT



OPTION



USB

PART # / CODE	DESCRIPTION	PRICE (adder)
WCT400	Cooling Tower Controller – Bleed & Feed	\$ 630.00
VOLTAGE		
1	120 VAC, prewired	+28.00
5	Hardwired, cable glands	n/c
OUTPUT		
N	No 4-20 mA output	n/c
4	Isolated 4-20 mA output	+109.00
OPTIONS		
N	No electrode	-100.00
1	Graphite electrode & tee, 20 ft. cable (for in-line or submersion mounting)	n/c
2	Graphite electrode & flow switch manifold mounted on PP panel, 5 ft. cable	+203.00
4	High pressure electrode (up to 300 psi)	+523.00
5	High pressure electrode & flow switch manifold on PP panel, 5 ft. cable	+1066.00
6	SS electrode & tee, 20 ft. cable	+52.00
7	SS electrode & flow switch manifold on PP panel, 5 ft. cable	+255.00
USB		
N	Software upgrade capability only	n/c
U	Integrated datalogging and config file import/export via USB flash stick	+195.00



WCT410 Series Bleed & Feed Cooling Tower Controller with Biocide Timers

WCT410 -



VOLTAGE



OUTPUT



OPTION



USB

PART # / CODE	DESCRIPTION	PRICE
WCT410	Cooling Tower Controller -Bleed & Feed w/ 2 Biocides and Alarm	\$ 946.00
VOLTAGE		
1	120 VAC, prewired	+126.00
5	Hardwired, cable glands	n/c
OUTPUT		
N	No 4-20 mA output	n/c
4	Isolated 4-20 mA output	+109.00
OPTIONS		
N	No electrode	-100.00
1	Graphite electrode & tee, 20 ft. cable (for in-line or submersion mounting)	n/c
2	Graphite electrode & flow switch manifold mounted on PP panel, 5 ft. cable	+203.00
4	High pressure electrode (up to 300 psi)	+523.00
5	High pressure electrode & flow switch manifold on PP panel, 5 ft. cable	+1066.00
6	SS electrode & tee, 20 ft. cable (for in-line or submersion mounting)	+52.00
7	SS electrode & flow switch manifold on PP panel, 5 ft. cable	+255.00
USB		
N	Software upgrade capability only	n/c
U	Integrated datalogging and config file import/export via USB flash stick	+195.00

Spare Parts

PART # / CODE	DESCRIPTION	PRICE
Electrodes		
190986	Electrode, conductivity, cooling tower, nut mount style (graphite)	\$ 128.00
191097	Electrode, conductivity, cooling tower, nut mount style (stainless steel)	179.00
103061	Electrode, conductivity, cooling tower, high pressure, 300 psi	523.00
Electrode Mounting Parts		
102884	Tee, 3/4" threaded, for 190986 electrode	33.00
102879-01	Elbow, 3/4" threaded, for 190986 electrode	33.00
102586	Nut, for 190986 or WEL electrode mounting	23.40
102594	O-Ring, FKM, for low pressure sensor mounting	6.40
Flow Switch Manifold & Parts		
191007	Flow switch manifold, used with nut mount style conductivity electrode	203.00
191077	High pressure manifold, conductivity	640.00
102962	Switch, Flow switch manifold, high pressure	355.00
191020	Switch & Float assembly	112.00
190996	Float, for nut mount manifold	44.00
190998	Reed switch, for nut mount manifold	67.00
102919	O-ring, float retaining, for nut mount manifold	2.30
102387	Sample valve	24.50
190997	Flow switch, 150 psi	119.00
191037	Manifold assembly, ccond/FS retrofit kit	203.00
102881	Flow Switch Body (Tee)	25.80
Fuses		
103163	Fuse, 1 Amp, F1 for all W400 Series	3.40
102834	Fuse, 6 Amp, F2 for all W400 Series	3.40
102369	Fuse, 1/8 Amp, F1 for 120V W300 Series	3.40
102370	Fuse, 5 Amp, 240V W300 Series	3.40
102432	Fuse, 10 Amp, 120V W300 Series	3.40
103363	Fuse, 1/16Amp, F1 for 240V W300 Series	3.40
Cable Extension Parts		
102410	Cable for flow switch extension	0.60/ft
100084	Cable, 4 conductor with shield (to extend to ccond sensor cable)	0.70/ft
190949-10	Cable, 10 ft., to extend W300/400 ccond sensor, used with junction box	6.90
190949-25	Cable, 25 ft., to extend W300/400 ccond sensor, used with junction box	17.30
190949-50	Cable, 50 ft., to extend W300/400 ccond sensor, used with junction box	34.00
190949-100	Cable, 100 ft., to extend W300/400 ccond sensor, used with junction box	69.00
190851	Junction box	64.00

Circuit Boards		PRICE
191383	4-20mA Option Board, W400 series	\$ 109.00
191386	Power/Relay Board, WCT410	366.00
191387	Power/Relay Board, WCT400	164.00
191392	Label/Panel Assy, WCT400-N	436.00
191447	Label/Panel Assy, WCT400-U	631.00
191393	Label/Panel Assy, WCT410-N	728.00
191444	Label/Panel Assy, WCT410-U	923.00
191102	Label/Panel Assy, WCT300 -N	436.00
190817	Label/Panel Assy, WCT310 -N	728.00
190754	Power Supply Board w/Fuse, WCT300, 120V	164.00
190756	Power Supply Board w/Fuse, WCT300, 240V	164.00
190753	Power Supply Board w/Fuse, WCT310, 120V	366.00
190755	Power Supply Board w/Fuse, WCT310, 240V	366.00
190744	4-20 mA Option Board, W300 series	109.00
Accessories		
102012	Solenoid Valve, cooling tower, 1", 120V	373.00
102013	Solenoid Valve, cooling tower, 3/4", 120V	217.00
102014	Solenoid Valve, cooling tower, 1/2", 120V	186.00
WFM071-xxx *	Water Meter Contactor, 3/4" (refer to WFM section)	213.00
WFM101-xxx *	Water Meter Contactor, 1"	285.00
WFM151-xxx *	Water Meter Contactor, 1-1/2"	530.00
WFM201-xxx *	Water Meter Contactor, 2"	663.00
	* Adder if ordering metering pump connection option	17.00

Specify required gallons/pulse for water meter contactors above.



WDT400 Series Dual Tower Bleed & Feed Controllers

WDT400 -



VOLTAGE



OUTPUT



SENSOR



USB

PART # / CODE	DESCRIPTION	PRICE (adder)
WDT400	Dual Cooling Tower Controller	\$ 1076.00
VOLTAGE		
1	120 VAC, prewired	+126.00
5	Hardwired, cable glands	n/c
OUTPUT		
N	No 4-20 mA outputs	n/c
4	Single 4-20 mA output	+109.00
2	Dual 4-20 mA outputs	+218.00
SENSOR		
N	No electrodes	-200.00
1	Two graphite electrodes with tees (for in-line or submersion), 20 ft. cables	n/c
2	Two graphite electrodes & loose flow switches, 20 ft. cables	+406.00
4	Two high pressure electrodes & glands (up to 300 psi)	+853.00
5	Two high pressure electrodes & loose flow switch manifolds, 20 ft. cables	+2132.00
6	Two SS electrodes & tees, 20 ft. cables	+104.00
7	Two SS electrodes & loose flow switch manifolds, 20 ft. cables	+510.00
USB		
N	Software upgrade capability only	n/c
U	Integrated datalogging and config file import/export via USB flash stick	+195.00



WDT410 Bleed & Feed Cooling Tower Controller with Biocides, pH or ORP

WDT410 -



VOLTAGE



OUTPUT



SENSOR



USB

PART # / CODE	DESCRIPTION	PRICE (adder)
WDT410	Cooling Tower Controller -Bleed & Feed w/2 Biocides	\$ 1301.00
VOLTAGE		
1	120 VAC, prewired	+126.00
5	Hardwired, cable glands	n/c
OUTPUT		
N	No 4-20 mA output	n /c
4	Single 4-20 mA output	+109.00
2	Dual 4-20 mA outputs	+218.00
SENSORS		
N	No electrodes	n/c
1	SS electrode, pH electrode & tees (in-line or submersion), 20 ft. cables	+611.00
2	SS electrode, ORP electrode & tees (in-line or submersion), 20 ft. cables	+637.00
3	SS electrode, pH electrode & flow switch manifold on PP panel, 5 ft. cables	+979.00
4	SS electrode, ORP electrode & flow switch manifold on PP panel, 5 ft. cables	+1005.00
6	Graphite electrode, pH electrode & tees (in-line or submersion), 20 ft. cables	+559.00
7	Graphite electrode, ORP electrode & tees (in-line or submersion), 20 ft. cables	+585.00
7R	Graphite electrode, ORP rod style electrode & tees, (in-line or submersion) 20 ft. cables	+617.00
8	Graphite electrode, pH electrode & flow switch manifold on PP panel, 5 ft. cable	+927.00
9	Graphite electrode, ORP electrode & flow switch manifold on PP panel, 5 ft. cables	+953.00
9R	Graphite electrode, ORP rod style electrode & flow switch manifold on PP panel, 5 ft. cables	+985.00
A	High pressure electrodes (Cond + pH) w/flow switch on PP panel, 5-10 ft. cables	+1857.00
B	High pressure electrodes (Cond + ORP) w/flow switch on PP panel, 5-10 ft. cables	+1857.00
USB		
N	Software upgrade capability only	n/c
U	Integrated datalogging and config file import/export via USB flash stick	+195.00

WDT Series Cooling Tower Controllers *continued*

Spare Parts

PART # / CODE	DESCRIPTION	PRICE
Electrodes & Preamplifier		
190986	Electrode, conductivity, cooling tower, nut mount style (graphite)	\$ 128.00
191097	Electrode, conductivity, cooling tower, nut mount style (stainless steel)	179.00
103061	Electrode, conductivity, cooling tower, high pressure, 300 psi	523.00
WEL-PHF-NN	Electrode, pH, cartridge only	143.00
WEL-MVF-NN	Electrode, ORP, cartridge only	169.00
WEL-MVR-NN	Electrode, ORP, rod style only	201.00
102606-5	Housing w/preamplifier, no ATC, WEL electrodes, 5 ft. cable	214.00
190783	Preamplifier, pH/ORP	165.00
102029	Electrode, high pressure, pH	335.00
102963	Electrode, high pressure, ORP	335.00
Electrode Mounting Parts		
102884	Tee, 3/4" threaded, for 190986 electrode	33.00
102879-01	Elbow, 3/4" threaded, for 190986 electrode	33.00
102586	Nut, for 190986 or WEL electrode mounting	23.40
102594	O-Ring, FKM, for low pressure sensor mounting	6.40
102028	Gland, SS, high pressure, pH/ORP	256.00
Flow Switch Manifolds & Parts		
191007	Flow switch manifold, used with nut mount style conductivity electrode	203.00
191008	Flow switch manifold, used with nut mount style cond. electrode +pH/ORP	262.00
191078	High pressure manifold, pH/ccond	902.00
191020	Switch & Float assembly	112.00
102962	Switch, Flow switch manifold, high pressure	355.00
190997	Flow switch, 150psi	119.00
190996	Float, for nut mount manifold	44.00
190998	Reed switch, for nut mount manifold	67.00
102919	O-ring, float retaining, for nut mount manifold	2.30
102387	Sample valve	24.50
102881	Flow Switch Body (Tee)	25.80
Fuses		
103163	Fuse, 1 Amp, F1 for all W400 series	3.40
102834	Fuse, 6 Amp, F2 for all W400 Series	3.40
102370	Fuse, 5 Amp, 240V W300 Series	3.40
102369	Fuse, 1/8 Amp, F1 for 120V W300 Series	3.40
102432	Fuse, 10 Amp, 120V W300 Series	3.40
103363	Fuse, 1/16 Amp, F1 for 240V W300 Series	3.40

WDT Series Cooling Tower Controllers *continued*

PART # / CODE	DESCRIPTION	PRICE
Cable extension parts		
102410	Cable for flow switch extension	\$ 0.60/ft
100084	Cable, 4 conductor with shield (to extend to ccond sensor cable)	0.70/ft
190949-10	Cable, 10 ft., to extend W300/400 ccond sensor, used with junction box	6.90
190949-25	Cable, 25 ft., to extend W300/400 ccond sensor, used with junction box	17.30
190949-50	Cable, 50 ft., to extend W300/400 ccond sensor, used with junction box	34.00
190949-100	Cable, 100 ft., to extend W300/400 ccond sensor, used with junction box	69.00
190851	Junction box	64.00
191094	CE Filter Kit	130.00
Circuit Boards		
191383	4-20 mA Option Board, W400 series	109.00
191384	Conductivity sensor input board, WDT400 series	383.00
191385	pH/ORP sensor input board, WDT410 series	383.00
191431	Power/Relay Board, WDT400	366.00
191430	Power/Relay Board, WDT410	366.00
191397	Label/Panel Assy, WDT410-N	707.00
191452	Label/Panel Assy, WDT410-U	902.00
191409	Label/Panel Assy, WDT400-N	436.00
191464	Label/Panel Assy, WDT400-U	631.00
190896	Label/Panel Assy, WDT300	436.00
190744	4-20 mA Option Board, W300 series	109.00
190897	Label/Panel Assy, WDT310	707.00
190904	Power Supply Board w/Fuse, WDT300, 120V	366.00
190905	Power Supply Board w/Fuse, WDT300, 240V	366.00
190906	Power Supply Board w/Fuse, WDT310, 120V	366.00
190907	Power Supply Board w/Fuse, WDT310, 240V	366.00
190820	Dual input option board, W300 Series	383.00

Accessories

PART # / CODE	DESCRIPTION	PRICE
102012	Solenoid Valve, cooling tower, 1", 120V	\$ 373.00
102013	Solenoid Valve, cooling tower, 3/4", 120V	217.00
102014	Solenoid Valve, cooling tower, 1/2", 120V	186.00
WFM071*	Water Meter Contactor, 3/4"	213.00
WFM101*	Water Meter Contactor, 1"	285.00
WFM151*	Water Meter Contactor, 1 1/2"	530.00
WFM201*	Water Meter Contactor, 2"	663.00
	* Adder if ordering metering pump connection	25.00

Specify required gallons/pulse for water meter contactors above.



WECT400 Bleed & Feed Cooling Tower Controllers w/Econd Sensor

WECT400 -



WIRING
OPTIONS



ANALOG
OUTPUT



SENSOR



USB

PART # / CODE	DESCRIPTION	PRICE (adder)
WECT400	Cooling Tower Controller – Bleed & Feed	\$ 545.00
WIRING		
1	120 VAC, prewired	+28.00
5	Hardwired, cable glands	n/c
ANALOG OUTPUT		
N	No Analog (4-20 mA) output	n /c
4	Single Isolated (4-20 mA) output	+109.00
SENSORS		
N	No electrodes	n/c
1	Electrodeless conductivity sensor and tee, 20 ft. cable (for inline mounting)	+490.00
2	Electrodeless conductivity sensor & flow switch manifold on PP panel, 5 ft. cable	+693.00
2L	Electrodeless conductivity sensor & flow switch manifold (loose, no panel), 20 ft. cable	+661.00
3	Submersion conductivity sensor (no tee or adaptor), 20 ft. cable	+375.00
USB DATA LOG & CONFIGURATION FILE		
N	No data logging or configuration file capability	n/c
U	Data logging and configuration file capability	+195.00



WECT410 Bleed & Feed Cooling Tower Controller w/Biocides, Econd Sensor

WECT410 -



WIRING
OPTIONS



ANALOG
OUTPUT



SENSOR



USB

PART # / CODE	DESCRIPTION	PRICE (adder)
WECT410	Cooling Tower Controller -Bleed & Feed w/ 2 Biocides and Alarm	\$ 886.00
WIRING		
1	120 VAC, prewired	+126.00
5	Hardwired, cable glands	n/c
ANALOG OUTPUT		
N	No Analog (4-20 mA) output	n /c
4	Single Isolated (4-20 mA) output	+109.00
SENSORS		
N	No electrodes	n/c
1	Electrodeless conductivity sensor and tee, 20 ft. cable (for inline mounting)	+490.00
2	Electrodeless conductivity sensor & flow switch manifold on PP panel, 5 ft. cable	+693.00
2L	Electrodeless conductivity sensor & flow switch manifold (loose, no panel), 20 ft. cable	+661.00
3	Submersion conductivity sensor (no tee or adaptor), 20 ft. cable	+375.00
USB DATA LOG & CONFIGURATION FILE		
N	No data logging or configuration file capability	n/c
U	Data logging and configuration file capability	+195.00



WEDT410 Bleed & Feed Cooling Tower Controller, Biocides, Econd, pH/ORP

WEDT410 -



WIRING
OPTIONS



ANALOG
OUTPUT



SENSOR



USB

PART # / CODE	DESCRIPTION	PRICE (adder)
WEDT410	Cooling Tower Controller -Bleed & Feed w/2 Biocides	\$ 1349.00
WIRING		
1	120 VAC, prewired	+126.00
5	Hardwired, cable glands	n/c
ANALOG OUTPUT		
N	No Analog (4-20 mA) output	n /c
4	Single Isolated (4-20 mA) output	+109.00
2	Two Isolated (4-20 mA) outputs	+218.00
SENSORS		
N	No electrodes	n/c
1	Electrodeless conductivity & pH sensors and tees,20 ft. cable (for inline mounting)	+866.00
2R	Electrodeless conductivity & rod style ORP sensors & tees, 20 ft. cable (for inline mounting)	+924.00
3	Electrodeless conductivity & pH sensors & flow switch manifold on PP panel	+1234.00
3R	Electrodeless conductivity & rod style ORP sensors & flow switch manifold on PP panel	+1305.00
USB DATA LOG & CONFIGURATION FILE		
N	No data logging or configuration file capability	n/c
U	Data logging and configuration file capability	+195.00

Spare Parts

PART # / CODE	DESCRIPTION	PRICE
Circuit Boards		
191467	Label/Panel Assembly, WECT400-N	\$ 451.00
191469	Label/Panel Assembly, WECT400-U	646.00
191468	Label/Panel Assembly, WECT410-N	768.00
191470	Label/Panel Assembly, WECT410-U	963.00
191471	Label/Panel Assembly, WEDT410-N	755.00
191472	Label/Panel Assembly, WEDT410-U	950.00
191387	Power/Relay Board, WECT400	164.00
191386	Power/Relay Board, WECT410	366.00
191430	Power/Relay Board, WEDT410	164.00
191383	4-20mA Option Board, W400 Series	109.00

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Sensors		PRICE
191474	Sensor, Econd, Active, CPVC, 0-10,000 uS/cm, 20 ft. cable, for WECT/EDT	375.00
191474-05	Sensor, Econd, Active, CPVC, 0-10,000 uS/cm, 5 ft. cable for WECT /EDT	\$ 375.00
WEL-PHF-NN	Electrode, pH, cartridge only	143.00
WEL-MVR-NN	Electrode, ORP, rod style only	201.00
102606-5	Housing w/preamplifier, no ATC, WEL electrodes, 5 ft. cable	214.00
Sensor Mounting Parts		
191157	Econd tee/adaptor with 3/4" reducers	129.00
102586	Nut, for sensor mounting	23.40
102594	O-Ring, FKM, for low pressure sensor mounting	6.40
Flow Switch Manifolds & Parts		
191020	Switch & Float assembly	112.00
190997	Flow switch, 150 psi	119.00
190996	Float, for nut mount manifold	44.00
190998	Reed switch, for nut mount manifold	67.00
102919	O-ring, float retaining, for nut mount manifold	2.30
102387	Sample valve	24.50
102881	Flow Switch Body (Tee)	25.80
Fuses		
103163	Fuse, 1 Amp, F1 for all W400 Series	3.40
102834	Fuse, 6 Amp, F2 for all W400 Series	3.40
Cable Extension Parts		
102410	Cable for flow switch extension	0.60/ft
190851	Junction box	64.00
102535	Cable, 6 conductor with shield (to extend conductivity sensor)	1.90/ft.
Accessories		
102012	Solenoid Valve, cooling tower, 1", 120V	373.00
102013	Solenoid Valve, cooling tower, 3/4", 120V	217.00
102014	Solenoid Valve, cooling tower, 1/2", 120V	186.00
WFM071-xxx *	Water Meter Contactor, 3/4" (refer to WFM section)	213.00
WFM101-xxx *	Water Meter Contactor, 1"	285.00
WFM151-xxx *	Water Meter Contactor, 1-1/2"	530.00
WFM201-xxx *	Water Meter Contactor, 2"	663.00
	* Adder if ordering metering pump connection option	17.00
	Specify required gallons/pulse for water meter contactors above.	



WBL400 Series Bleed & Feed Boiler Controller

WBL400 -



VOLTAGE



OUTPUT



OPTION



USB

PART # / CODE	DESCRIPTION	PRICE (adder)
WBL400	Boiler Controller - Bleed & Feed	\$ 1038.00
VOLTAGE		
1	120 VAC, prewired	+\$28.00
5	Hardwired, cable glands	n/c
OUTPUT		
N	No 4-20 mA output	n/c
4	Isolated 4-20 mA output	+ 109.00
OPTION		
5	Standard electrode (up to 250 psi)	n/c
N	No electrode	- 299.00
USB		
N	Software upgrade capability only	n/c
U	Integrated datalogging and config file import/export via USB flash stick	+195.00



WBL410 Series Bleed & Four Feed Boiler Controller

WBL410 -



VOLTAGE



OUTPUT



OPTION



USB

PART # / CODE	DESCRIPTION	PRICE (adder)
WBL410	Boiler Controller - Bleed & Four Feeds plus Alarm	\$ 1090.00
VOLTAGE		
1	120 VAC, prewired	+\$28.00
5	Hardwired, cable glands	n/c
OUTPUT		
N	No 4-20 mA output	n/c
4	Isolated 4-20 mA output	+ 109.00
OPTION		
5	Standard electrode (up to 250 psi)	n/c
N	No electrode	- 299.00
USB		
N	Software upgrade capability only	n/c
U	Integrated datalogging and config file import/export via USB flash stick	+195.00



WCM400 Series Condensate Monitor

WCM400 -



VOLTAGE



OUTPUT



SENSOR



USB

PART # / CODE	DESCRIPTION	PRICE (adder)
WCM400	Dual Relay Condensate Monitor	\$ 1038.00
VOLTAGE		
1	120 VAC, prewired	+\$28.00
5	Hardwired, cable glands	n/c
OUTPUT		
N	No 4-20 mA output	n/c
4	Isolated 4-20 mA output	+ 109.00
SENSOR		
5	Standard electrode (up to 250 psi)	n/c
N	No electrode	- 299.00
USB		
N	Software upgrade capability only	n/c
U	Integrated datalogging and config file import/export via USB flash stick	+195.00

Spare Parts

PART # / CODE	DESCRIPTION	PRICE
Electrodes		
190762	Electrode, Boiler/Condensate, w/Junction Box	\$ 400.00
190768	Electrode, Boiler/Condensate, no Junction Box	299.00
103262	Electrode, Boiler/Condensate, no ATC, no Junction Box	195.00
Fuses		
103163	Fuse, 1 Amp, F1 for all W400 series	3.40
102834	Fuse, 6 Amp, F2 for all W400 Series	3.40
102370	Fuse, 5 Amp, 240V W300 Series	3.40
102369	Fuse, 1/8 Amp, F1 for 120V W300 Series	3.40
102432	Fuse, 10 Amp, 120V W300 Series	3.40
103363	Fuse, 1/16 Amp, F1 for 240V W300 Series	3.40
Circuit Boards		
191383	4-20 mA Option Board, W400 series	109.00
191434	Power/Relay Board, WBL410	366.00
191438	Power/Relay Board, WBL400	164.00
191439	Power/Relay Board, WCM400	164.00
191394	Label/Panel Assy, WBL400-N	503.00
191449	Label/Panel Assy, WBL400-U	698.00
191395	Label/Panel Assy, WBL410-N	503.00
191450	Label/Panel Assy, WBL410-U	698.00
191398	Label/Panel Assy, WCM400-N	503.00
191453	Label/Panel Assy, WCM400-U	698.00
190818	Label/Panel Assy, WCM300	503.00
190819	Label/Panel Assy, WBL300	503.00
191154	Label/Panel Assy, WBL310	503.00
190980	Power Supply Board, WBL300, 120V	164.00

		PRICE
190981	Power Supply Board, WBL300, 240V	\$ 164.00
190982	Power Supply Board, WCM300 120V	164.00
190983	Power Supply Board, WCM300, 240V	164.00
191155	Power Supply Board, WBL310, 120V	164.00
191156	Power Supply Board, WBL310, 240V	164.00
190744	4-20 mA Option Board, W300 series	109.00
Cables		
100084	Cable, 4 conductor with shield (to extend ccond sensor cable)	0.70/ft
190949-10	Cable, 10 ft., to extend W300/400 ccond sensor, used with junction box	6.90
190949-25	Cable, 25 ft., to extend W300/400 ccond sensor, used with junction box	17.30
190949-50	Cable, 50 ft., to extend W300/400 ccond sensor, used with junction box	34.00
190949-100	Cable, 100 ft., to extend W300/400 ccond sensor, used with junction box	69.00
190851	Junction box	64.00

		PRICE
Accessories		
102219	Solenoid Valve, boiler, 1/2", 100-300 psi, 120V	\$ 538.00
102220	Solenoid Valve, boiler, 3/4", 100-300 psi, 120V	626.00
102571	Solenoid Valve, boiler, 1/2", 0-100 psi, 120V	386.00
102572	Solenoid Valve, boiler, 3/4", 0-100 psi, 120V	394.00
102224	Orifice Union, boiler, 1/2", w/4 plates	240.00
102225	Orifice Union, boiler, 3/4", w/4 plates	264.00
102226	Orifice Union, boiler, 1", w/4 plates	296.00
190831	Valve, flow control, boiler, 3/4", 150 psi	586.00
190832	Valve, flow control, boiler, 3/4", 300 psi	847.00
190833	Valve, flow control, 1/2", 150 psi	508.00
190834	Valve, flow control, boiler, 1/2", 300 psi	738.00
102448	Motorized Ball Valve, boiler, 1/2", 120V	1033.00
102449	Motorized Ball Valve, boiler, 3/4", 120V	1090.00
102450	Motorized Ball Valve, boiler, 1", 120V	1129.00
102452	*Valve, Ball, 1/2", NPT	228.00
102453	*Valve, Ball, 3/4", NPT	281.00
102454	*Valve, Ball, 1", NPT	373.00
102456	*Actuator, Motorized Ball Valve, 120V	668.00
102457	*Actuator, Motorized Ball Valve, 240V	668.00
102458	*Kit, Mounting, Motorized Ball Valve, 1/2"	110.00
102459	*Kit, Mounting, Motorized ball Valve, 3/4"	110.00
102460	*Kit, Mounting, Motorized Ball Valve, 1"	110.00
102461	*Kit, Repair, Motorized Ball Valve, 1/2"	209.00
102462	*Kit, Repair, Motorized Ball Valve, 3/4"	240.00
102463	*Kit, Repair, Motorized Ball Valve, 1"	294.00

*Replacement parts for motorized ball valves listed above



WDB400 Series Bleed & Feed Dual Boiler Controller

WDB400 -



VOLTAGE



OUTPUT



ELECTRODE



USB

PART # / CODE	DESCRIPTION	PRICE (adder)
WDB400	Dual Boiler Controller	\$ 1623.00
VOLTAGE		
1	120 VAC, prewired	+126.00
5	Hardwired, cable glands	n/c
OUTPUT		
N	No 4-20 mA output	n/c
4	Single isolated 4-20 mA output	+109.00
2	Two isolated 4-20 mA outputs	+218.00
ELECTRODE		
5	Two standard electrodes (up to 250 psi)	n/c
N	No electrodes	-598.00
USB		
N	Software upgrade capability only	n/c
U	Integrated datalogging and config file import/export via USB flash stick	+195.00



WDC400 Series Dual Input Condensate Monitor

WDC400 -



VOLTAGE



OUTPUT



ELECTRODE



USB

PART # / CODE	DESCRIPTION	PRICE (adder)
WDC400	Dual Condensate Monitor	\$ 1623.00
VOLTAGE		
1	120 VAC, prewired	+126.00
5	Hardwired, cable glands	n/c
OUTPUT		
N	No 4-20 mA output	n/c
4	Single isolated 4-20 mA output	+109.00
2	Two isolated 4-20 mA outputs	+218.00
ELECTRODE		
5	Two standard electrodes (up to 250 psi)	n/c
N	No electrodes	-598.00
USB		
N	Software upgrade capability only	n/c
U	Integrated datalogging and config file import/export via USB flash stick	+195.00

Spare Parts

PART # / CODE	DESCRIPTION	PRICE
Electrodes		
190762	Electrode, Boiler/Condensate, w/Junction Box	\$ 400.00
190768	Electrode, Boiler/Condensate, no Junction Box	299.00
103262	Electrode, Boiler/Condensate, no ATC, no Junction Box	195.00
Fuses		
103163	Fuse, 1 Amp, F1 for all W400 series	3.40
102834	Fuse, 6 Amp, F2 for all W400 Series	3.40
102370	Fuse, 5 Amp, 240V W300 Series	3.40
102369	Fuse, 1/8 Amp, F1 for 120V W300 Series	3.40
102432	Fuse, 10 Amp, 120V W300 Series	3.40
103363	Fuse, 1/16 Amp, F1 for 240V W300 Series	3.40
Circuit Boards		
191383	4-20 mA Option Board, W400 series	109.00
191384	Conductivity sensor input board, WDB/WDC400 series	383.00
191432	Power/Relay Board, WDB400	366.00
191433	Power/Relay Board, WDC400	366.00
191396	Label/Panel Assy, WDB400-N	503.00
191451	Label/Panel Assy, WDB400-U	698.00
191399	Label/Panel Assy, WDC400-N	503.00
191454	Label/Panel Assy, WDC400-U	698.00
190820	Dual Input Option Board, W300	383.00
190895	Label/Panel Assy, WDC300	503.00
190894	Label/Panel Assy, WDB300	503.00
190900	Power Supply Board, WDB300, 120V	366.00
190901	Power Supply Board, WDB300, 240V	366.00
190902	Power Supply Board, WDC300, 120V	366.00
190903	Power Supply Board, WDC300, 240V	366.00
190744	4-20 mA Option Board	109.00
Cables		
100084	Cable, 4 conductor with shield (to extend ccond sensor cable)	0.70/ft
190949-10	Cable, 10 ft., to extend W300/400 ccond sensor, used with junction box	6.90
190949-25	Cable, 25 ft., to extend W300/400 ccond sensor, used with junction box	17.30
190949-50	Cable, 50 ft., to extend W300/400 ccond sensor, used with junction box	34.00
190949-100	Cable, 100 ft., to extend W300/400 ccond sensor, used with junction box	69.00
191094	CE Filter Kit	130.00

Accessories		PRICE
102219	Solenoid Valve, boiler, 1/2", 100-300 psi, 120V	\$ 538.00
102220	Solenoid Valve, boiler, 3/4", 100-300 psi, 120V	626.00
102571	Solenoid Valve, boiler, 1/2", 0-100 psi, 120V	386.00
102572	Solenoid Valve, boiler, 3/4", 0-100 psi, 120V	394.00
102224	Orifice Union, boiler, 1/2", w/4 plates	240.00
102225	Orifice Union, boiler, 3/4", w/4 plates	264.00
102226	Orifice Union, boiler, 1", w/4 plates	296.00
190831	Valve, flow control, boiler, 3/4", 150 psi	586.00
190832	Valve, flow control, boiler, 3/4", 300 psi	847.00
190833	Valve, flow control, boiler, 1/2", 150 psi	508.00
190834	Valve, flow control, boiler, 1/2", 300 psi	738.00
102448	Motorized Ball Valve, boiler, 1/2", 120V	1033.00
102449	Motorized Ball Valve, boiler, 3/4", 120V	1090.00
102450	Motorized Ball Valve, boiler, 1", 120V	1129.00
102452	*Valve, Ball, 1/2", NPT	228.00
102453	*Valve, Ball, 3/4", NPT	281.00
102454	*Valve, Ball, 1", NPT	373.00
102456	*Actuator, Motorized Ball Valve, 120V	668.00
102457	*Actuator, Motorized Ball Valve, 240V	668.00
102458	*Kit, Mounting, Motorized Ball Valve, 1/2"	110.00
102459	*Kit, Mounting, Motorized ball Valve, 3/4"	110.00
102460	*Kit, Mounting, Motorized Ball Valve, 1"	110.00
102461	*Kit, Repair, Motorized Ball Valve, 1/2"	209.00
102462	*Kit, Repair, Motorized Ball Valve, 3/4"	240.00
102463	*Kit, Repair, Motorized Ball Valve, 1"	294.00

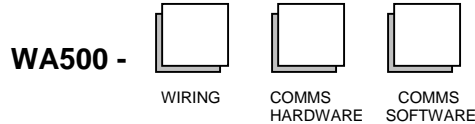
* Replacement parts for motorized ball valves listed above

SECTION II GENERAL INDUSTRIAL



Process Monitors

WebAlert® Series Process Monitor



PART # / CODE	DESCRIPTION	PRICE (adder)
WA500	Process Monitor	\$ 1339.00
WIRING OPTIONS		
H	Hardwire, cable glands	n/c
P	120VAC USA power cord w/cable glands	+16.00
DIGITAL COMMUNICATIONS HARDWARE (USB AND ETHERNET ARE STANDARD)		
N	No additional hardware	n/c
M	Modem card	+180.00
G	GPRS modem, North America	Consult factory
F	GPRS modem, rest of the world	Consult factory
C	CDMA modem	Consult factory
DIGITAL COMMUNICATIONS SOFTWARE		
N	No additional capability	n/c
I	Ethernet Networking (Master capability)	+206.00
Accessories		
Water Meters		
Reed Switch type*		
WFM071-0	Water meter contactor, ¾"	213.00
WFM101-0	Water meter contactor, 1"	285.00
WFM151-0	Water meter contactor, 1.5"	530.00
WFM201-0	Water meter contactor, 2"	663.00
Hall Effect Switch type*		
WFM072-0	Water meter contactor, ¾"	213.00
WFM102-0	Water meter contactor, 1"	285.00
WFM152-0	Water meter contactor, 1.5"	530.00
WFM202-0	Water meter contactor, 2"	663.00
* Specify the appropriate gallons per contact for each of the water meters above. For example, a ¾" Hall Effect meter with 100 gallons per pulse will be "WFM072-0G100."		
Paddlewheel type		
WFP050	Paddlewheel w/ ½" mounting tee	460.00
WFP075	Paddlewheel w/ ¾" mounting tee	466.00
WFP100	Paddlewheel w/ 1" mounting tee	466.00
WFP150	Paddlewheel w/ 1.5" mounting tee	466.00
WFP200	Paddlewheel w/ 2" mounting tee	477.00
WFP300	Paddlewheel w/ 3" mounting saddle	501.00
WFP400	Paddlewheel w/ 4" mounting saddle	571.00
WFP600	Paddlewheel w/ 6" mounting saddle	627.00
51585	Paddlewheel sensor, ½" to 3", no mounting fitting	340.00
51586	Paddlewheel sensor, 4" to 6", no mounting fitting	362.00

Accessories (continued)**Level Switches**

		PRICE
190964-3	Level switch, 3 ft. maximum depth	\$ 129.00
190964-5	Level switch, 5 ft. maximum depth	138.00

Spare Parts

PART # / CODE	DESCRIPTION	PRICE
191314	Process Monitor Board, WA500	\$ 515.00
191316	Power Supply - I/O Board, WA500	225.00
191317	Core Board, WA500	450.00
191317-M	Core Board with Master Capability, WA500	656.00
103319	Ribbon Cable	20.00
103320	Cover, WA500 Power Supply	36.00
103205	Networking Master Capability upgrade code	206.00
191118	103109 Modem + instructions (landline)	180.00

Spare Parts for Obsolete WA400 WebAlert

PART # / CODE	DESCRIPTION	PRICE
191118	103109 Modem + instructions (landline)	\$ 180.00
103019	Null modem cable	16.50
191119	103075 Core card w/memory module + instructions	718.00
191119-M	103075 Core card w/Master memory module + instructions	924.00
191120	191093 Process monitor board + instructions	366.00
191121	191095 Power Supply Board + instructions	139.00
191131	Memory module, WA	139.00
191131-M	Memory module, WA, master	206.00
103205	Networking "Master" upgrade code	206.00

pH/ORP/Conductivity/Disinfection

Web Master®



WIND Industrial Water Controller

WIND8



SENSOR INPUTS



VOLTAGE CODE



ANALOG OUTPUTS



INPUT OPTIONS



DIGITAL COMMS HARDWARE



DIGITAL COMMS SOFTWARE

PART # / CODE	DESCRIPTION	PRICE (adder)
WIND	Multi I/O Industrial Water Controller	\$ 2950.00
SENSOR INPUTS REQUIRED		
1	One sensor input	n/c
2	Two sensor inputs	+208.00
3	Three sensor inputs	+416.00
4	Four sensor inputs	+624.00
<i>Note: All sensors and flow switch manifolds must be purchased separately. See Sensor/Flow Switch Options.</i>		
VOLTAGE CODE		
0	Prewired w/ USA power cord, 0 powered relays, 8 dry contact relays	+133.00
1	Prewired w/ USA cords, 7 powered relays, 1 dry contact relay	+133.00
2	Prewired w/ USA cords, 8 powered relays	+133.00
3	Prewired w/ USA cords, 4 powered relays, 4 dry contact relays	+133.00
4	Hardwired, 0 powered relays, 8 dry contact relays	n/c
5	Hardwired, 8 powered relays	n/c
6	Hardwired, 7 powered relays, 1 dry contact relay	n/c
7	Hardwired, 4 powered relays, 4 dry contact relays	n/c
E	Prewired w/ USA power cord, 4 powered relays, 4 opto-isolated (pulse) relays	+133.00
F	Prewired w/ USA cords, 4 dry contact relays, 4 opto-isolated (pulse) relays	+133.00
G	Hardwired, 4 powered relays, 4 opto-isolated (pulse) relays	n/c
H	Hardwired, 4 dry contact relays, 4 opto-isolated (pulse) relays	n/c
ANALOG OUTPUTS		
N	None	n/c
1	One 4-20 mA output board	+109.00
2	Two 4-20 mA output boards	+218.00
3	Three 4-20 mA output boards	+327.00
4	Four 4-20 mA output boards	+436.00
INPUT OPTIONS		
N	None	n/c
A	Analog Input board (8 Inputs)	+212.00
D	Digital Input board (6 Inputs)	+160.00
B	Both Analog and Digital Input boards	+372.00
DIGITAL COMMS HARDWARE (USB AND ETHERNET ARE STANDARD)		
N	No additional communications capability	n/c
M	Modem card	+180.00
G	Cellular modem card (GPRS, North America)	Consult factory
F	Cellular modem card (GPRS, Rest of world)	Consult factory
DIGITAL COMMS SOFTWARE (USB AND ETHERNET ARE STANDARD)		
N	No additional capability	n/c
1	Ethernet Networking (Master Capability)	+515.00
2	Modbus TCP	+489.00
3	Ethernet Networking (Master Capability) + Modbus TCP	+1004.00

Sensor and Flow Switch Manifold Options for WIND

The first step is to select your sensors.		
<ul style="list-style-type: none"> • If the sensor will be installed in a flow switch manifold on a panel, select from the list of sensors under Panel Mounted Flow Switch Manifold Sensor Options, as these sensors do not include the in-line mounting hardware. • If the sensor will be mounted in-line, select from the sensors under In-Line Mounted Sensor Options. • If the sensor will be mounted in a submersion application or in a loose manifold, select from the sensors under Submersion Mounted or Loose Flow Switch Manifold Sensor Options. 		
The next step is to select the flow switch manifold (if required) to use with your sensors.		
<ul style="list-style-type: none"> • Loose Flow Switch Manifold Options are intended for use with Submersion Mounted Sensor Options with 20 ft. cables. • Panel Mounted Manifold Options are intended for use with Panel Mounted Flow Manifold Sensor Options with 5 ft. cables. Please note that for each controller, only one manifold may be mounted on a panel next to the controller. 		
Cables are available in 5 ft. (1.6m) or 20 ft. (6.1m) lengths. Order extension cable and junction box for longer runs. High-pressure conductivity sensor assemblies include a preamp and junction box. Cable must be ordered separately (p/n 102535).		
Maximum Cable Lengths	pH, ORP and Disinfection: 1000 ft. (305m)	Conductivity: 250 ft. (76m)

Sensor Options for Panel Mounted Flow Switch Manifolds (no in-line mounting hardware)		Price
pH		
191202	pH, flat, 5 ft. cable, no tee, w/temp comp	\$ 402.00
191351	pH, flat, 5 ft. cable, no tee, w/o temp comp	357.00
191352	pH, bulb, 5 ft. cable, no tee, w/temp comp	381.00
191353	pH, bulb, 5 ft. cable, no tee, w/o temp comp	336.00
191354	pH, flat, HF resistant, 5 ft. cable, w/temp comp	428.00
191355	pH, flat, HF resistant, 5 ft. cable, w/o temp comp	383.00
191356	pH, bulb, HF resistant, 5 ft. cable, w/temp comp	469.00
191357	pH, bulb, HF resistant, 5 ft. cable, w/o temp comp	424.00
191358	pH, low ionic strength, 5 ft. cable	437.00
191359	pH, low ionic strength, 5 ft. cable, w/o temp comp	392.00
191204	pH, high pressure, 10 ft. cable, in-line, with 190783 preamp	670.00
ORP		
191203	ORP, rod style, 5 ft. cable, no tee, w/o temp comp	415.00
191360	ORP, flat style, 5 ft. cable, no tee, w/o temp comp	383.00
191205	ORP, high pressure, 10 ft. cable, in-line, with 190783 preamp	670.00
Contacting Conductivity		
190984-05	Contacting, PP/Graphite, 5 ft. cable, no tee	153.00
191096-05	Contacting, PP/stainless, 5 ft. cable, no tee	205.00
191091	Contacting, 300 psi, no cable, with preamp and j-box	625.00
Electrodeless Conductivity		
191190-05	Electrodeless, 0.1 - 1 mS/cm, 5 ft. cable, no tee, no mtg adapter, CPVC	446.00
190988-05	Electrodeless, 1 - 10 mS/cm, 5 ft. cable, no tee, no mtg adapter, CPVC	446.00
191108-05	Electrodeless, 10 - 100 mS/cm, 5 ft. cable, no tee, no mtg adapter, CPVC	446.00
191113-05	Electrodeless, 100 - 1000 mS/cm, 5 ft. cable, no tee, no mtg adapter, CPVC	446.00

In-Line Mounted Sensor Options (includes in-line mounting hardware)		PRICE
pH		
WEL-PHF-12	pH, flat, 20 ft. cable, in-line, w/tee, w/ temp comp	\$465.00
WEL-PHF-22	pH, flat, 20 ft. cable, in-line, w/tee, w/o temp comp	420.00
WEL-PHB-12	pH, bulb, 20 ft. cable, in-line, w/tee, w/ temp comp	444.00
WEL-PHB-22	pH, bulb, 20 ft. cable, in-line, w/tee, w/o temp comp	399.00
WEL-PHH-12	pH, flat, HF resistant, 20 ft. cable, in-line, w/tee, w/ temp comp	491.00
WEL-PHH-22	pH, flat, HF resistant, 20 ft. cable, in-line, w/tee, w/o temp comp	446.00
WEL-HFB-12	pH, bulb, HF resistant, 20 ft. cable, in-line, w/tee, w/ temp comp	532.00
WEL-HFB-22	pH, bulb, HF resistant, 20 ft. cable, in-line, w/tee, w/o temp comp	487.00
WEL-PHLI-12	pH, low ionic strength (under 100µS/cm), 20 ft. cable, in-line, w/tee, w/temp comp	500.00
WEL-PHLI-22	pH, low ionic strength (under 100µS/cm), 20 ft. cable, in-line, w/tee, w/o temp comp	455.00
191204	pH, high pressure, in-line, 10 ft. cable, with 190783 preamp	670.00
ORP		
WEL-MVR-22	ORP, rod style, 20 ft. cable, in-line	478.00
191205	ORP, high pressure, 10 ft. cable, in-line, with 190783 preamp	670.00
Contacting Conductivity (0-10,000µS/cm)		
191198	Contacting, PP/graphite, 20 ft. cable, in-line or submersion	216.00
191200	Contacting, PP/stainless, 20 ft. cable, in-line or submersion	268.00
191091	Contacting, 300 psi, no cable, with preamp and j-box	625.00
Electrodeless Conductivity		
191364	Electrodeless, 0.1 - 1 mS/cm, 20 ft. cable, in-line w/mtg adapter, CPVC	565.00
191201	Electrodeless, 1 - 10 mS/cm, 20 ft. cable, in-line w/mtg adapter, CPVC	565.00
191365	Electrodeless, 10 - 100 mS/cm, 20 ft. cable, in-line w/mtg adapter, CPVC	565.00
191366	Electrodeless, 100 - 1000 mS/cm, 20 ft. cable, in-line w/mtg adapter, CPVC	565.00
191367	Electrodeless, 0.1 - 1 mS/cm, 20 ft. cable, in-line w/mtg adapter, PEEK	1117.00
191368	Electrodeless, 1 - 10 mS/cm, 20 ft. cable, in-line w/mtg adapter, PEEK	1117.00
191369	Electrodeless, 10 - 100 mS/cm, 20 ft. cable, in-line w/mtg adapter, PEEK	1117.00
191370	Electrodeless, 100 - 1000 mS/cm, 20 ft. cable, in-line w/mtg adapter, PEEK	1117.00
Disinfection		
WFCB-20	Free chlorine, 20 ft. cable, with flow cell	1280.00
WCDB-20	Chlorine dioxide, 20 ft. cable, with flow cell	1483.00
WOZB-20	Ozone, 20 ft. cable, with flow cell	1883.00
WPAB-20	Peracetic acid, 20 ft. cable, with flow cell	1690.00
Submersion Mounted or Loose Flow Switch Manifold Sensor Options		
pH		
WEL-PHF-11	pH, flat, 20 ft. cable, submersion, w/temp comp	402.00
WEL-PHF-21	pH, flat, 20 ft. cable, submersion, w/o temp comp	357.00
WEL-PHB-11	pH, bulb, 20 ft. cable, submersion, w/temp comp	381.00
WEI-PHB-21	pH, bulb, 20 ft. cable, submersion, w/o temp comp	336.00
WEL-PHH-11	pH, flat, HF resistant, 20 ft. cable, submersion, w/temp comp	428.00
WEI-PHH-21	pH, flat, HF resistant 20 ft. cable, submersion, w/o temp comp	383.00
WEL-HFB-11	pH, bulb, HF resistant, 20 ft. cable, submersion, w/temp comp	469.00
WEI-HFB-21	pH, bulb, HF resistant 20 ft. cable, submersion, w/o temp comp	424.00
WEL-PHLI-11	pH, low ionic strength (under 100 µS/cm), 20 ft. cable, submersion, w/temp comp	437.00
WEI-PHLI-21	pH, Low ionic strength (under 100 µS/cm), 20 ft. cable, submersion, w/o temp comp	392.00

ORP		PRICE
WEL-MVR-21	ORP, rod style, 20 ft. cable, submersion	\$ 415.00
WEL-MVF-21	ORP, flat style, 20 ft. cable, submersion	383.00
Contacting Conductivity (0-10,000µS/cm)		
191198	Contacting, PP/graphite, 20 ft. cable, in-line or submersion	216.00
191200	Contacting, PP/stainless, 20 ft. cable, in-line or submersion	268.00
Electrodeless Conductivity		
191190	Electrodeless, 0.1 - 1 mS/cm, 20 ft. cable, no tee, no mtg adapter, CPVC	446.00
190988	Electrodeless, 1 - 10 mS/cm, 20 ft. cable, no tee, no mtg adapter, CPVC	446.00
191108	Electrodeless, 10 - 100 mS/cm, 20 ft. cable, no tee, no mtg adapter, CPVC	446.00
191113	Electrodeless, 100 - 1000 mS/cm, 20 ft. cable, no tee, no mtg adapter, CPVC	446.00
191191	Electrodeless, 0.1 - 1 mS/cm, 20 ft. cable, no tee, no mtg adapter, PEEK	961.00
191192	Electrodeless, 1 - 10 mS/cm, 20 ft. cable, no tee, no mtg adapter, PEEK	961.00
191193	Electrodeless, 10 - 100 mS/cm, 20 ft. cable, no tee, no mtg adapter, PEEK	961.00
191194	Electrodeless, 100 - 1000 mS/cm, 20 ft. cable, no tee, no mtg adapter, PEEK	961.00
Disinfection		
191361	Free Chlorine, 20 ft. cable, no mounting hardware	1210.00
191362	Chlorine Dioxide, 20 ft. cable, no mounting hardware	1413.00
191363	Ozone, 20 ft. cable, no mounting hardware	1813.00
191350	Peracetic Acid, 20 ft. cable, no mounting hardware	1620.00
Loose Flow Switch Manifold Options		
For one sensor per manifold:		
191006	Low pressure pH or ORP	221.00
191371	High pressure pH or ORP	766.00
191007	Low pressure contacting conductivity	203.00
191189	High pressure contacting conductivity	546.00
191022	Low pressure electrodeless conductivity	203.00
191349	Disinfection	450.00
For two sensors per manifold:		
191005	Two low pressure pH or ORP	313.00
191372	Two high pressure pH or ORP	1143.00
191008	Low pressure contacting conductivity + pH/ORP	262.00
191078	High pressure contacting conductivity + high pressure pH/ORP	902.00
191023	Low pressure electrodeless conductivity + pH/ORP	262.00
For three sensors per manifold:		
191009	Low pressure conductivity + two pH/ORP	329.00
191090	High pressure conductivity + two pH/ORP	1202.00
191024	Electrodeless conductivity + two pH/ORP	329.00
Panel Mounted Manifold Options:		
For one sensor per manifold:		
191307	Low pressure pH or ORP on Polypro panel	262.00
191373	High pressure pH or ORP on Polypro panel	843.00
191206	Low pressure contacting conductivity on Polypro panel	244.00
191207	High pressure contacting conductivity on Polypro panel	587.00
191208	Low pressure electrodeless conductivity on Polypro panel	244.00
191348	Disinfection (note: WIND controller does not mount on panel)	550.00

For two sensors per manifold:		PRICE
191374	Two low pressure pH or ORP on Polypro panel	\$ 354.00
191375	Two high pressure pH or ORP on Polypro panel	1220.00
191209	Low pressure contacting conductivity + pH/ORP on Polypro panel	303.00
191210	High pressure contacting conductivity + high pressure pH/ORP on Polypro panel	979.00
191211	Low pressure electrodeless conductivity + pH/ORP on Polypro panel	303.00
For three sensors per manifold:		
191212	Low pressure contacting conductivity + two pH/ORP on Polypro panel	370.00
191213	High pressure contacting conductivity + two high pressure pH/ORP on Polypro panel	1279.00
191214	Low pressure electrodeless conductivity + two pH/ORP on Polypro panel	370.00
Extension Cable		
102535	Cable, 3 twisted pair, shielded (pH, ORP, Conductivity)	1.90/ft
100084	Cable, 4 conductor (Disinfection)	0.70/ft
Junction Box		
190851	Junction Box	63.00

Spare Parts for WIND

PART # / CODE	DESCRIPTION	PRICE
Circuit Boards		
191040	4-20 mA Output Card	\$ 109.00
191041	Digital Input Card	160.00
191042	Analog Input Card	212.00
191215	Modem Card	180.00
191045	Sensor Input Card	208.00
191294	Power Supply, W800	145.00
191049	Display	128.00
191216	Relay Card, 7 Powered, 1 dry	251.00
191217	Relay Card, 8 Powered	251.00
191218	Relay Card, 4 powered, 4 dry	251.00
191219	Relay Card, 6 powered, 2 dry	251.00
191220	Relay Card, 8 dry contact	251.00
191426	Relay Card, 4 powered, 4 opto-isolated	251.00
191427	Relay Card, 4 dry contact, 4 opto-isolated	251.00
191379	Core Interface Board, WIND	639.00
191265	Core, WIND	450.00
Fuses		
102833	Fuse, F1, 1.6 amp	2.30
102834	Fuse, F2 and F3, 6.3 amp	3.40
102943	Pigtail, 120 VAC	5.20

Sensors & Preamplifiers		PRICE
191300	Free Chlorine Sensor, no cable	\$ 1177.00
191280	Chlorine Dioxide Sensor, no cable	1380.00
191320	Ozone Sensor, no cable	1780.00
191338	Peracetic Acid Sensor, no cable	1587.00
WEL-PHF-NN	Electrode, pH, Flat	143.00
WEL-MVR-NN	Electrode, ORP, Rod	201.00
102029	Electrode, pH, high pressure	335.00
102963	Electrode, ORP, high pressure	335.00
102606	Preamplifier Housing, pH/ORP, No ATC, 20 ft. cable, for WEL	214.00
102606-5	Preamplifier Housing, pH/ORP, No ATC, 5 ft. cable, for WEL	214.00
102581	Preamplifier Housing, pH/ORP, ATC, 20 ft. cable, for WEL	259.00
190783	Preamplifier, pH/ORP, for high pressure electrodes	165.00
191086	Preamp, for high pressure contacting conductivity electrode (190768)	105.00
190984	Electrode, Contacting Conductivity, Active, PP/Graphite	153.00
190988	Sensor, Econd, 10 mS/cm, 20 ft. cable, no tee, no mtg adapter, Active, CPVC	446.00
190768	Sensor, Contacting Conductivity, Boiler	299.00
103061	Sensor, Contacting Conductivity, high pressure tower, 300 psi	523.00
191096	Electrode, Contacting Conductivity, Active, PP/Stainless Steel, 20 ft. cable	205.00
191096-05	Electrode, Contacting Conductivity, Active, PP/Stainless Steel, 5 ft. cable	205.00
Electrode Mounting Parts		
191289	Flow Cell Assembly, Cl, ClO ₂ , OZ, PAA	70.00
191303	Cable, Disinfection sensors, 20 ft.	84.00
102586	In-Line Mounting Nut	23.40
102594	O-Ring, FKM, for low pressure sensor mounting	6.40
103462	Membrane Cap, WCDB and WPAB	112.00
103463	Membrane Cap, WFCB	83.00
103498	Membrane Cap, WOZB	132.00
191279-R	Flow Cell Body	40.00
103419	Washer Set	29.00
103421	Clip Ring	8.40
103422	O-Ring, Washer	1.00
103475	Electrolyte, WCDB and WPAB	48.00
103474	Electrolyte, WFCB	34.00
103500	Electrolyte, WOZB	48.00
102586	Nut, for low pressure sensor mounting	23.40
102884	Tee, for low pressure sensor mounting	33.00
102879-01	Elbow, for low pressure contacting conductivity sensors	33.00
102028	Gland, stainless, for high pressure pH/ORP sensor mounting	256.00
103212	Adapter, in line, for electrodeless conductivity sensor	95.00
103193	Cross, 3/4", Black iron, boiler	49.00
103058	Tee, 3/4" Black iron, boiler	36.00

Flow Switch Parts		PRICE
190996	Float, low pressure flow switch	\$ 44.00
190998	Switch, low pressure flow switch	67.00
102919	O-Ring, float retaining	2.30
190997	Flow switch, low pressure, complete	119.00
102962	Flow switch, high pressure	355.00
102387	Sample Valve, low pressure	24.50
103056	Sample Valve, high pressure	20.60
102881	Flow Switch Body (Tee)	25.80
103519	Rotameter	133.00
Accessories		
103263	USB cable	15.50
103268	USB Flash drive	66.00
103269	Modbus Upgrade code	489.00
103270	Networking "Master" Upgrade code	515.00



WDIS Series Disinfection Controller

WDIS410 -



WIRING



DATA
OUTPUT



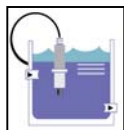
SENSOR
OPTIONS



USB

PART # / CODE	DESCRIPTION	PRICE (adder)
WDIS410	Disinfection Controller	\$ 1193.00
WIRING OPTIONS		
1	120 VAC, Prewired w/USA power cord and 6" pigtails	+56.00
5	Hardwired, cable glands	n/c
DATA OUTPUT		
N	No 4-20 mA output	n/c
4	Single Isolated 4-20 mA output	+109.00
2	Two (2) Isolated 4-20 mA outputs	+218.00
SENSOR OPTIONS		
N	No sensor	n/c
1	Free Chlorine sensor w/flow cell and 20 ft. cable	+1280.00
2	Chlorine Dioxide sensor w/flow cell and 20 ft. cable	+1483.00
3	Ozone sensor w/flow cell and 20 ft. cable	+1883.00
4	Peracetic Acid sensor w/flow cell and 20 ft. cable	+1690.00
5	Free Chlorine sensor w/flow manifold and 5 ft. cable on panel	+1780.00
6	Chlorine Dioxide sensor w/flow manifold and 5 ft. cable on panel	+1983.00
7	Ozone sensor w/flow manifold and 5 ft. cable on panel	+2383.00
8	Peracetic Acid sensor w/flow manifold and 5 ft. cable on panel	+2190.00
USB		
N	Software upgrade capability only	n/c
U	Integrated datalogging and config file import/export via USB flash stick	+195.00
Spare Parts		
PART # / CODE	DESCRIPTION	PRICE
Fuses		
103163	Fuse, 1 Amp, F1 for all W400 series	\$ 3.40
102834	Fuse, 6 Amp, F2 for all W400 Series	3.40
102369	Fuse, 125 mA, F1 for all 120V W300 series	3.40
102370	Fuse, 5 amp, F2 for all 240V W300 series	3.40
102432	Fuse, 10 amp, F2 for all 120V W300 series	3.40
103363	Fuse, 63 mA, F1 for all 240V W300 series	3.40
Circuit Boards		
191406	Label/Panel Assembly, WDIS410-N	703.00
191461	Label/Panel Assembly, WDIS410-U	898.00
191389	Power/Relay Board, WDIS410	366.00
191383	Option Board, 4-20 mA output, W400 series	109.00
191343	Label/Panel Assembly, WDIS310	703.00
191344	Power Supply Board, 120V, WDIS310	355.00
191345	Power Supply Board, 240V, WDIS310	355.00
190744	Option Board, 4-20 mA output, W300 series	109.00

Sensors and Sensor Parts		PRICE
191349	Disinfection manifold, loose	\$ 450.00
WFCB-20	Free Chlorine Sensor, Flow Cell, 20 ft. cable	1280.00
WCDB-20	Chlorine Dioxide Sensor, Flow Cell, 20 ft. cable	1483.00
WOZB-20	Ozone Sensor, Flow Cell, 20 ft. cable	1883.00
WPAB-20	Peracetic Acid Sensor, Flow Cell, 20 ft. cable	1690.00
191300	Free Chlorine Sensor, no cable	1177.00
191280	Chlorine Dioxide Sensor, no cable	1380.00
191320	Ozone Sensor, no cable	1780.00
191338	Peracetic Acid Sensor, no cable	1587.00
191289	Flow Cell Assembly, Cl, ClO ₂ , OZ, PAA	70.00
191303	Cable, Oxidizer sensors, 20 ft.	84.00
191303-05	Cable, Oxidizer sensors, 5 ft.	69.00
102586	In-Line Mounting Nut	23.40
102594	O-Ring, FKM, for low pressure sensor mounting	6.40
103462	Membrane Cap, WCDB and WPAB	112.00
103463	Membrane Cap, WFCB	83.00
103498	Membrane Cap, WOZB	132.00
191279-R	Flow Cell Body	40.00
103419	Washer Set	29.00
103421	Clip Ring	8.40
103422	O-Ring, Washer	1.00
103475	Electrolyte, WCDB and WPAB	48.00
103474	Electrolyte, WFCB	34.00
103500	Electrolyte, WOZB	48.00



WPH410/420 Series pH/ORP Controllers

WPH410 -



VOLTAGE



OUTPUT



ELECTRODE



USB

PART # / CODE	DESCRIPTION	PRICE(adder)
WPH410	pH/ORP Controller, on/off control outputs	\$ 693.00
WPH420	pH/ORP Controller, proportional control outputs	721.00
VOLTAGE		
1	120 VAC, pre-wired with 6" pigtails (WPH410) or with 10' cables (WPH420)	+56.00
3	120 VAC, pre-wired WPH420 with 10' cables, with (2) E90495 connectors for EW pumps	+103.00
5	Hardwired, cable glands	n/c
<i>Note: To connect 10 ft. cables from WPH420 to EW-F pumps, order one E90495 connector per pump.</i>		
DATA OUTPUT		
N	No 4-20 mA output	n/c
4	Single Isolated 4-20 mA output	+109.00
2	Two (2) Isolated 4-20 mA outputs	+218.00
OPTIONS		
N	None	n/c
1	Preamplifier (190783) w/10 ft. cable, pre-wired	+175.00
2	Submersion flat pH electrode w/preamp (WEL-PHF-21)	+357.00
3	In-line flat pH electrode w/preamp (WEL-PHF-22) - includes 3/4" NPTF tee	+420.00
4	In-line flat pH electrode, preamp (WEL-PHF-22) and flow switch mounted to panel	+791.00
4T	In-line flat pH electrode with ATC, preamp (WEL-PHF-12) and flow switch mounted to panel	+836.00
5	Submersion ORP electrode w/preamp (WEL-MVF-21)	+383.00
6	In-line ORP electrode w/preamp (WEL-MVF-22) - includes 3/4" NPTF tee	+446.00
6R	In-line rod style ORP electrode w/preamp (WEL-MVR-22) - includes 3/4" NPTF tee	+478.00
7	In-line ORP electrode w/preamp (WEL-MVF-22) and flow switch mounted to panel	+817.00
7R	In-line rod style ORP electrode w/preamp (WEL-MVR-22) and flow switch mounted to panel	+849.00
USB		
N	Software upgrade capability only	n/c
U	Integrated datalogging and config file import/export via USB flash stick	+195.00

NOTE: See the WEL Series pH/ORP Electrode prices for additional electrode options, such as bulb style pH, HF resistant pH, housings that provide automatic temperature compensation (ATC), and metric in-line mounting.

To order: Order the WPH controller with the option "N", then order the appropriate WEL electrode. Make sure to specify either WEL housing option 1 or 2, which contain a preamplifier.

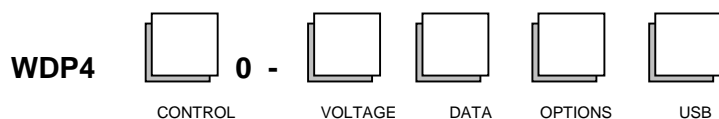
Spare Parts

PART # / CODE	DESCRIPTION	PRICE
Fuses		
103163	Fuse, 1 Amp, F1 for all W400 Series	\$ 3.40
102834	Fuse, 6 Amp, F2 for all W400 Series	3.40
102370	Fuse, 5 Amp, 240V W300 Series	3.40
102369	Fuse, 1/8 Amp, F1 for 120V W300 Series	3.40
102432	Fuse, 10 Amp, 120V W300 Series	3.40
103363	Fuse, 1/16 Amp, F1 for 240V W300 Series	3.40
Circuit Boards		
191383	4-20mA Option Board, W400 series	109.00
191389	Power/Relay Board, WPH410	366.00
191390	Power/Relay Board, WPH420	393.00
191400	Label/Panel Assy, WPH/DP410-N	571.00
191455	Label/Panel Assy, WPH/DP410-U	766.00
191401	Label/Panel Assy, WPH/DP420-N	571.00
191456	Label/Panel Assy, WPH/DP420-U	766.00
190800	Label/Panel Assy, WPH310	571.00
190852	Label/Panel Assy, WPH320	571.00
190805	Power Supply Board, 120 V, on/off, WPH310	366.00
190807	Power Supply Board, 240 V, on/off, WPH310	366.00
190806	Power Supply Board, 120 V, proportional, WPH320	393.00
190808	Power Supply Board, 240 V, proportional, WPH320	393.00
190744	4-20 mA option board, W300 Series	109.00
Cables		
190765	Cable assembly, proportional, LMI connector	20.00
Electrodes & Preamplifiers		
WEL-PHF-NN	Electrode, pH, cartridge only	\$ 143.00
WEL-MVF-NN	Electrode, ORP, cartridge only	169.00
WEL-MVR-NN	Electrode, ORP, rod style only	201.00
102606-5	Housing with preamplifier with 5 ft. cable (used in options 4 and 7)	214.00
102606	Housing with preamplifier, 20 ft. cable (used in options 2, 3, 5, 6)	214.00
102581	Housing with preamplifier, 20 ft. cable and ATC (used in option 4T)	259.00
190783	Preamplifier, pH/ORP (used in option #1)	165.00
Electrode Mounting Parts		
102884	Tee, 3/4" threaded, for WEL electrode (adapter/tee combination)	33.00
102586	Nut, for WEL electrode mounting	23.40
102594	O-Ring, FKM, for low pressure sensor mounting	6.40
102585	Adapter, WEL electrode, USA, for standard 1-1/4" tee	33.00
Flow Switch Manifolds		
191006	Flow switch manifold, pH/ORP, used in options 4, 4T and 7	221.00
190996	Float, for 191006 manifold	44.00
190998	Reed switch, for 191006 manifold	67.00
102919	O-ring, float retaining, for 191006 manifold	2.30
102387	Sample valve	24.50
190738	Reed switch, for 190868 manifold	88.00
190739	Float, for 190868 manifold	88.00
190997	Flow switch, 150 psi	119.00

102881	Flow Switch Body (Tee)	25.80
Accessories		PRICE
191038	Kit, In-Line Mounting, pH/ORP	\$ 65.00
E90495	Connector, 5 pin, EW/EW-Y	18.50
102602	Tee, 1 1/4" PVC	12.80
102804	Tee, 1 1/4" CPVC	16.10
190851	Junction box	64.00
102535	Cable, 3 twisted pair, shielded, 24 AWG (used to extend pH/ORP)	1.90/ft
51369	Buffer, pH 4.00, pint	12.80
51370	Buffer, pH 7, pint	12.80
51371	Buffer, pH 10, pint	12.80
51372	Quinhydrone, 20 grams	73.00
51373	ORP calibration kit	105.00



WDP410/420/440 Series Dual Input pH/ORP Controllers



PART # / CODE	DESCRIPTION	PRICE (adder)
WDP410	pH/ORP Controller, with 4 on/off control outputs and diagnostic alarm relay	\$ 984.00
WDP420	pH/ORP Controller, w/ 2 pulse proportional and 2 on/off control outputs and diagnostic alarm relay	1038.00
WDP440	pH/ORP Controller, with 4 pulse proportional control outputs and diagnostic alarm relay	1093.00
VOLTAGE		
1	120 VAC, pre-wired with 6" pigtails (if on/off) or with 10 ft. cables for E-Class pumps (if pulse)	+109.00
5	Hardwired, cable glands	n/c
<i>Note: To connect 10 ft. cables from WDP420/440 to EW pumps, order one E90495 connector per pump.</i>		
DATA OUTPUT		
N	No 4-20 mA output	n/c
4	Single isolated 4-20 mA output	+109.00
2	Dual 4-20 mA output	+218.00
SENSOR OPTIONS		
N	No electrode	n/c
2	Two submersion flat pH electrodes without Auto Temp Comp	+714.00
5	Two submersion ORP electrodes	+766.00
6	One each submersion flat pH and ORP electrodes without Auto Temp Comp	+740.00
7	One each in-line flat pH & ORP electrodes w/out Auto Temp Comp - includes 3/4" NPTF tees	+866.00
7R	One each in-line flat pH & rod style ORP electrodes w/out Auto Temp Comp includes 3/4" NPTF tees	+898.00
8	One each in-line flat pH and ORP electrodes, without Auto Temp Comp plus flow switch (both electrodes mounted in same sample stream) on panel	+1179.00
8R	One each in-line flat pH and rod style ORP electrodes, without Auto Temp Comp plus flow switch (both electrodes mounted in same sample stream) on panel	+1211.00
8T	One each in-line flat pH and ORP electrodes, with Auto Temp Comp plus flow switch (both electrodes mounted in same sample stream) on panel	+1224.00
USB		
N	Software upgrade capability only	n/c
U	Integrated datalogging and config file import/export via USB flash stick	+195.00

NOTE: See the WEL Series pH/ORP Electrode prices for additional electrode options, such as bulb style pH, HF resistant pH, housings that provide automatic temperature compensation (ATC), and metric in-line mounting.
To order: Order the WDP controller with the option "N", then order the appropriate WEL electrode. Make sure to specify either WEL housing option 1 or 2, which contain a preamplifier.

WDP Series Dual Input pH/ORP Controllers *continued*

Spare Parts

PART # / CODE	DESCRIPTION	PRICE
Fuses		
103163	Fuse, 1 Amp, F1 for all W400 series	\$ 3.40
102834	Fuse, 6 Amp, F2 for all W400 Series	3.40
102370	Fuse, 5 Amp, 240V W300 Series	3.40
102369	Fuse, 1/8 Amp, F1 for 120V W300 Series	3.40
102432	Fuse, 10 Amp, 120V W300 Series	3.40
103363	Fuse, 1/16 Amp, F1 for 240V W300 Series	3.40
Circuit Boards		
191400	Label/Panel Assy, WPH/DP410-N	571.00
191455	Label/Panel Assy, WPH/DP410-U	766.00
191401	Label/Panel Assy, WPH/DP420-N	571.00
191456	Label/Panel Assy, WPH/DP420-U	766.00
191404	Label/Panel Assy, WDP440-N	571.00
191459	Label/Panel Assy, WDP440-U	766.00
191429	Power/Relay Board, WDP410	366.00
191390	Power/Relay Board, WDP420	393.00
191391	Power/Relay Board, WDP440	413.00
191383	Option Board, 4-20 mA, W400 Series	109.00
190744	Option Board, 4-20 mA, W300 series	109.00
190820	Option board, dual input, WDX300 series	383.00
191385	Dual Input Option Board, W400 Series	383.00
190898	Label/Panel Assy, WDP310	603.00
190899	Label/Panel Assy, WDP320	603.00
190908	Power Supply Board, 120V, WDP310	355.00
190909	Power Supply Board, 240V, WDP310	355.00
190910	Power Supply Board, 120V, WDP340	413.00
190911	Power Supply Board, 240V, WDP340	413.00
190950	Label/Panel Assy, WDP340	603.00
191013	Power Supply Board, 120V, WDP320	393.00
191014	Power Supply Board, 240V, WDP320	393.00
191094	CE Filter Kit	130.00
Electrodes & Preamplifiers		
WEL-PHF-NN	Electrode, pH, cartridge only	143.00
WEL-MVF-NN	Electrode, ORP, cartridge only	169.00
WEL-MVR-NN	Electrode, rod style only	201.00
102606-5	Housing w/ preamplifier, no ATC, 5 ft. cable	214.00
102606	Housing w/ preamplifier, no ATC, 20 ft. cable	214.00
102581	Housing w/ preamplifier, Pt1000 ATC, 20 ft. cable (used in option 8T)	259.00

Electrode Mounting Parts		PRICE
102884	Tee, 3/4" threaded, for WEL electrode (adapter/tee combination)	\$ 33.00
102586	Nut, for WEL electrode mounting	23.40
102594	O-Ring, FKM, for low pressure sensor mounting	6.40
102585	Adapter, WEL electrode, USA, for standard 1-1/4" tee	33.00
Flow Switch Manifold		
191005	Flow switch manifold, dual pH/ORP (used in option 8 and 8T)	313.00
190996	Float, for 191005 manifold	44.00
190998	Reed switch, 191005 manifold	67.00
102919	O-ring, float retaining, for 191005 manifold	2.30
102387	Sample valve	24.50
190738	Reed switch, for 190920 manifold	88.00
190739	Float, for 190920 manifold	88.00
190997	Flow switch, 150 psi	119.00
102881	Flow Switch Body (Tee)	25.80

Accessories

PART # / CODE	DESCRIPTION	PRICE
191038	Kit, In-Line Mounting, pH/ORP	\$ 65.00
E90485	Connector, 5 pin, EW/EW-Y	18.50
190851	Junction box	64.00
102535	Cable, 6 conductor, shielded (used to extend pH/ORP cable)	1.90/ft
102602	Tee, 1 1/4", PVC	12.80
102804	Tee, 1 1/4", CPVC	16.10
51369	Buffer, pH 4.00, pint	12.80
51370	Buffer, pH 7, pint	12.80
51371	Buffer, pH 10, pint	12.80
51372	Quinhydrone, 20 grams	73.00
51373	ORP calibration kit	105.00



WEC410 Series Electrodeless Conductivity Controller

WEC410 -



VOLTAGE



OUTPUT



SENSOR



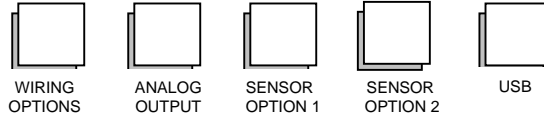
USB

PART # / CODE	DESCRIPTION	PRICE (adder)
WEC410	Electrodeless (Toroidal) Conductivity Controller	\$ 600.00
VOLTAGE		
1	120 VAC, prewired	+126.00
5	Hardwired, cable glands	n/c
OUTPUT		
N	No 4-20 mA output	n/c
4	Single isolated 4-20 mA output	+109.00
2	Two isolated 4-20 mA outputs	+218.00
SENSOR OPTIONS (20 FT. CABLES)		
N	No sensor	n/c
0.1 – 1.0 mS/cm		
A	Submersion PEEK sensor	+961.00
B	In-line PEEK sensor w/stainless steel adapter	+1117.00
C	Submersion CPVC sensor	+446.00
D	In-line CPVC sensor w/ CPVC adapter	+565.00
1.0 – 10.0 mS/cm		
E	Submersion PEEK sensor	+961.00
F	In-line PEEK sensor w/stainless steel adapter	+1117.00
G	Submersion CPVC sensor	+446.00
H	In-line CPVC sensor w/ CPVC adapter	+565.00
10.0 – 100 mS/cm		
I	Submersion PEEK sensor	+961.00
J	In-line PEEK sensor w/stainless steel adapter	+1117.00
K	Submersion CPVC sensor	+446.00
L	In-line CPVC sensor w/ CPVC adapter	+565.00
100 – 1000 mS/cm		
M	Submersion PEEK sensor	+961.00
O	In-line PEEK sensor w/stainless steel adapter	+1117.00
P	Submersion CPVC sensor	+446.00
Q	In-line CPVC sensor w/ CPVC adapter	+565.00
USB		
N	Software upgrade capability only	n/c
U	Integrated datalogging and config file import/export via USB flash stick	+195.00



WDEC410 Series Dual Input Electrodeless Conductivity Controller

WDEC410 -



PART # / CODE	DESCRIPTION	PRICE (adder)
WDEC410	Dual Input Electrodeless (Toroidal) Conductivity Controller	\$ 741.00
WIRING OPTIONS		
1	120 VAC, Prewired	+126.00
5	Hardwired, cable glands	n/c
OUTPUT		
N	No 4-20 mA output	n/c
4	Single isolated 4-20 mA output	+109.00
2	Two isolated 4-20 mA outputs	+218.00
SENSOR OPTIONS **SELECT 2 SENSORS** (please order alphabetically. i.e. WDEC410-xxABx)		
N	No sensor	n/c
0.1 – 1.0 mS/cm (20 FT. CABLES)		
A	Submersion PEEK sensor	+961.00
B	In-line PEEK sensor w/stainless steel adapter	+1117.00
C	Submersion CPVC sensor	+446.00
D	In-line CPVC sensor w/ CPVC adapter	+565.00
1.0 – 10.0 mS/cm (20 FT. CABLES)		
E	Submersion PEEK sensor	+961.00
F	In-line PEEK sensor w/stainless steel adapter	+1117.00
G	Submersion CPVC sensor	+446.00
H	In-line CPVC sensor w/ CPVC adapter	+565.00
10.0 – 100 mS/cm (20 FT. CABLES)		
I	Submersion PEEK sensor	+961.00
J	In-line PEEK sensor w/stainless steel adapter	+1117.00
K	Submersion CPVC sensor	+446.00
L	In-line CPVC sensor w/ CPVC adapter	+565.00
100 – 1000 mS/cm (20 FT. CABLES)		
M	Submersion PEEK sensor	+961.00
O	In-line PEEK sensor w/stainless steel adapter	+1117.00
P	Submersion CPVC sensor	+446.00
Q	In-line CPVC sensor w/ CPVC adapter	+565.00
USB		
N	Software upgrade capability only	n/c
U	Integrated datalogging and config file import/export via USB flash stick	+195.00

Spare Parts

PART # / CODE	DESCRIPTION	PRICE
Fuses		
103163	Fuse, 1 Amp, F1 for all W400 series	\$ 3.40
102834	Fuse, 6 Amp, F2 for all W400 Series	3.40
102370	Fuse, 5 Amp, 240V W300 Series	3.40
102369	Fuse, 1/8 Amp, F1 for 120V W300 Series	3.40
102432	Fuse, 10 Amp, 120V W300 Series	3.40
103363	Fuse, 1/16 Amp, F1 for 240V W300 Series	3.40
Circuit Boards		
191405	Label/Panel Assembly, WEC/WDEC410-N	775.00
191460	Label/Panel Assembly, WEC/WDEC410-U	970.00
191429	Power/Relay Board, WEC/WDEC410	366.00
191383	4-20mA Output Board, W400 Series	109.00
191385	Dual Input Option Card, W400	383.00
190891	Label/Panel assembly, WEC310	775.00
190912	Power Supply Board, WEC310, 120 V	366.00
190913	Power Supply Board, WEC310, 240 V	366.00
190918	Electrodeless input board, WEC310	328.00
190744	4-20 mA option board, W300 Series	109.00
Electrodes & Adapters		
191190	Electrodeless, 1 mS/cm, 20 ft. cable, no tee, no mtg adapter, CPVC, W400	446.00
190988	Electrodeless, 10 mS/cm, 20 ft. cable, no tee, no mtg adapter, CPVC, W400	446.00
191108	Electrodeless, 100 mS/cm, 20 ft. cable, no tee, no mtg adapter, CPVC, W400	446.00
191113	Electrodeless, 1000 mS/cm, 20 ft. cable, no tee, no mtg adapter, CPVC, W400	446.00
191191	Electrodeless, 1 mS/cm, 20 ft. cable, no tee, no mtg adapter, PEEK, W400	961.00
191192	Electrodeless, 10 mS/cm, 20 ft. cable, no tee, no mtg adapter, PEEK, W400	961.00
191193	Electrodeless, 100 mS/cm, 20 ft. cable, no tee, no mtg adapter, PEEK, W400	961.00
191194	Electrodeless, 1000 mS/cm, 20 ft. cable, no tee, no mtg adapter, PEEK, W400	961.00
102730	Electrodeless sensor without mounting adapter, PEEK, donut shape, WEC310	1336.00
190919	Submersion adapter, CPVC, for 102730 sensor	33.00
190945	In-line adapter with nut, CPVC, for 102730 sensor	119.00
190954	Sensor, Econd, 20 ft. cable, Passive, CPVC, WEC310	274.00
103212	CPVC in-line adapter	95.00
190993	In-line adapter kit, CPVC	119.00
191145	Sensor, Econd, 20 ft. cable, Passive, PEEK, WEC310	789.00
103217	316 SS In-Line Adapter for 191xxx PEEK sensor	156.00

WEC Series Electrodeless Conductivity Controllers *continued*

Spare Parts

PART # / CODE	DESCRIPTION	PRICE
102586	Nut, in-line	\$ 23.40
102594	O-Ring, FKM, for low pressure sensor mounting	6.40
102999	Submersion adapter, 316SS, for 102730 sensor	328.00
191012	In-line adapter, 316SS, for 102730 PEEK sensor w/nut	191.00
102921	Tee, 2" NPTF, CPVC	33.00
102922	Reducing bushing, 2" x 3/4" NPT, CPVC	8.10

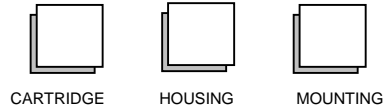
Accessories

102535	Extension cable, WEC/WDEC410 sensor	\$ 1.90/ft
190916-25	Extension cable, 25 ft., WEC310 sensor	55.00
190916-50	Extension cable, 50 ft., WEC310 sensor	78.00
190916-75	Extension cable, 75 ft., WEC310 sensor	102.00
190916-100	Extension cable, 100 ft., WEC310 sensor	124.00
190851	Junction box	64.00
190915	Test lead kit	1.20
190993	In-Line Adapter Kit	119.00



WEL Series pH/ORP Electrodes

WEL -



CARTRIDGE	PHF = Flat surface pH	PHH = HF resistant pH
	PHB = Bulb pH	MVF = Flat surface ORP
HOUSING	1 = Housing with preamplifier & PT 1000 ATC, 20 ft. cable with tinned leads	
	2 = Housing with preamplifier, 20 ft. cable with tinned leads	
	3 = Housing with PT 1000 ATC, 20 ft. coaxial cable with BNC connector	
	4 = Housing, 20 ft. coaxial cable with BNC connector	
	6 = Housing with PT 100 ATC, 20 ft. coaxial cable with BNC connector	
MOUNTING STYLE	1 = Submersion mounting	
	2 = In-line mounting (3/4" NPTF tee)	
	3 = Metric in-line mounting (G 1 1/4 male adapter)	

PART # / CODE	DESCRIPTION	PRICE
CARTRIDGE		
WEL-PHF	Electrode, pH, flat surface	\$ 143.00
WEL-PHB	Electrode, pH, bulb surface	122.00
WEL-PHH	Electrode, pH, flat, HF resistant	169.00
WEL-MVF	Electrode, ORP, flat surface	169.00
WEL-MVR	Electrode, ORP, rod style	201.00
WEL-PHLI	Electrode, pH, low ionic strength (under 100µS/cm)	178.00
HOUSINGS		
1	Housing with preamplifier and Pt 1000 ATC, 20 ft. cable	+259.00
2	Housing with preamplifier, 20 ft. cable	+214.00
3	Housing with Pt 1000 ATC, 20 ft. coaxial cable	+202.00
4	Housing, 20 ft. coaxial cable	+162.00
6	Housing, with Pt 100 ATC, 20 ft. coaxial cable	+202.00
MOUNTING STYLE		
1	Submersion mounting	n/c
2	In-line mounting (3/4" NPTF tee)	+63.00
3	Metric in-line mounting (G 1-1/4 male adaptor)	+63.00

NOTE: When ordering the WEL Series pH/ORP Electrode for use with a WPH/WDP controller, make sure to specify either WEL housing option 1 or 2, which contain a preamplifier.

WEL Series pH/ORP Electrodes *continued*

Spare Parts

PART # / CODE	DESCRIPTION	PRICE
WEL-PHF-NN	Electrode, pH, flat surface	\$ 143.00
WEL-PHB-NN	Electrode, pH, bulb surface	122.00
WEL-PHH-NN	Electrode, pH, flat, HF resistant	169.00
WEL-MVF-NN	Electrode, ORP, flat surface	169.00
102581	Housing with preamplifier and Pt 1000 ATC, 20 ft. cable	259.00
102606	Housing with preamplifier, 20 ft. cable	214.00
102582	Housing with Pt 1000 ATC, 20 ft. coaxial cable	202.00
102607	Housing, 20 ft. coaxial cable	162.00
102884	Tee, 3/4" threaded, in-line electrode mounting	33.00
102585	Adapter, WEL electrode, USA, for standard 1/4" tee	33.00
102586	In-line mounting nut	23.40
102594	O-Ring, FKM, for low pressure sensor mounting	6.40
102693	Metric in-line mounting adapter	33.00

Accessories

190851	Junction box	64.00
102535	Cable, 3 twisted pair, shielded, 24 AWG (use with housings with preamp and ATC)	1.90/ft
102602	Tee, 1 1/4" NPTF, PVC	12.80
102804	Tee, 1 1/4", CPVC	16.10
190863	Kit, US in-line mounting, 1 1/4" adapter	65.00
191038	Kit, US in-line mounting, 3/4" tee	65.00
190877	Kit, metric in-line mounting	65.00
102080	Connector, BNC male solderable (use with W-250/260 controllers if housing contains preamp)	11.10
51369	Buffer, pH 4.00, pint	12.80
51370	Buffer, pH 7, pint	12.80
51371	Buffer, pH 10, pint	12.80
51372	Quinhydrone, 20 grams	73.00
51373	ORP calibration kit	105.00

Cartridges for Specific Applications

WEL-PHLI-NN	Electrode, pH, flat surface, for water with less than 100µS/cm conductivity	178.00
WEL-MVR-NN	Electrode, ORP, rod-style platinum, for water with free halogen levels less than 0.25 mg/l	201.00



WDS Series pH/ORP Electrodes

WDS -



SENSOR



PREAMP

PART # / CODE	DESCRIPTION	PRICE
WDS	Electrode Base Price	\$ 545.00
TYPE OF SENSOR		
PH	pH electrode	n/c
MV	ORP electrode	n/c
TYPE OF PREAMPLIFIER		
W	Walchem Differential Preamp (3 twisted pair + shield)	n/c
C	Conventional Differential Preamp (5 conductor + shield)	n/c
Parts and Accessories		
103238	Salt Bridge Replacement Kit (3 salt bridges)	132.00
102535	Cable, 3 twisted pair + shield, 24 AWG	1.90/ft.
190851	Junction Box	64.00
51369	Buffer, pH 4, pint	12.80
51370	Buffer, pH 7, pint	12.80
51371	Buffer, pH 10, pint	12.80
51372	Quinhydrone, 20 grams	73.00
51373	ORP Calibration Kit	105.00



Specialty pH/ORP Electrodes & Accessories

pH/ORP Electrodes, Cables & Mounting

PART # / CODE	DESCRIPTION	PRICE
51158	Electrode, pH, submersion, flat, no cable, CPVC	187.00
51160	Cable, 10 ft., threaded cap, BNC, CPVC	72.00
51160-20	Cable, 20 ft., threaded cap, BNC, CPVC	82.00
51188	Electrode, pH, insertion, flat, no cable, CPVC	196.00
51203	12" Insertion Assy, CPVC	353.00
51268	Electrode, ORP, insertion, flat, no cable, CPVC	230.00
101156	Cable, 10 ft., BNC (for use in application with temp. > 100°C, pressure > 100 psi)	119.00
102027	Gland, SS, high temp/low pressure	250.00
102028	Gland, SS, high pressure, in-line	256.00
102029	Electrode, pH, high temp/pressure, 10 ft. cable	335.00
102963	Electrode, ORP, high pressure, 12 ft. cable	335.00

Accessories

PART # / CODE	DESCRIPTION	PRICE
190783	Preamplifier Assy, pH/ORP	\$ 165.00
190829	Preamplifier, pH/ORP with BNC (for W-250/260 series)	184.00
102535	Cable, 6-conductor plus shield	1.90/ft
102080	Connector, BNC male solderable	11.10
51369	Buffer, pH 4, pint	12.80
51370	Buffer, pH 7, pint	12.80
51371	Buffer, pH 10, pint	12.80
51372	Quinhydrone, 20 grams	73.00
51373	Calibration kit, ORP	105.00



Spare Parts for Obsolete pH/ORP Controllers

For W-250/260 Controllers

PART #	DESCRIPTION	PRICE	PART #	DESCRIPTION	PRICE
100375	Fuse, 3.2 Amp, 240V, W-150/250 Series	\$ 5.90	190865	Processor board, all W-250-ORP	\$ 347.00
100424	Fuse, 6 Amp, 120V, W-150/250 Series	2.50	190867	Processor board, all W-260-ORP	347.00
101661	Lithium Battery, W-150/250 Series	13.90	190619	Power Supply Board, W-251-pH/ORP	403.00
190746	W-250/260-pH front panel	192.00	190620	Power Supply Board, W-252-pH/ORP	438.00
190746-ORP	W-250/260-ORP front panel	192.00	190627	Power Supply Board, W-262-pH/ORP	403.00
190864	Processor board, all W-250-pH	347.00	190628	Power Supply Board, W-261-pH/ORP	403.00
190866	Processor board, all W-260-pH	347.00	190633	Back panel assembly, all W-250/260	255.00

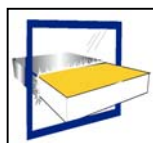
For W-130/230 pHX Controllers

PART #	DESCRIPTION	PRICE	PART #	DESCRIPTION	PRICE
102148	Fuse, 1 Amp, 120V or 240 V, W-130/230	\$ 2.30	51369	Buffer, pH 4.00, pint	\$ 12.80
102710	Preamplifier/ pH/ORP, battery powered	195.00	51370	Buffer, pH 7, pint	12.80
190890-50	Extension cable, battery powered preamp, 50 ft	59.00	51371	Buffer, pH 10, pint	12.80
190890-75	Extension cable, battery powered preamp, 75 ft	69.00	51372	Quinhydrone, 20 grams	73.00
190890-100	Extension cable, battery powered preamp, 100 ft	80.00	51373	ORP calibration kit	105.00
190890-125	Extension cable, battery powered preamp, 125 ft	91.00			

For WPH Panel Mount Controllers

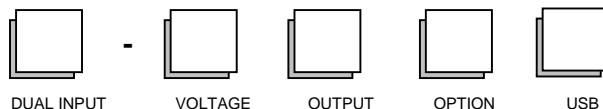
PART #	DESCRIPTION	PRICE	PART #	DESCRIPTION	PRICE
102370	Fuse, 5 Amp, 240V W300 Series	\$ 3.40	191169	Power Supply Board, WDP315, 240V	\$ 355.00
102369	Fuse, 1/8 Amp, F1 for all W300	3.40	191170	Power Supply Board, WDP325, 120V	393.00
102432	Fuse, 10 Amp, 120V W300 Series	3.40	191171	Power Supply Board, WDP325, 240V	393.00
191159	Label/Panel Assembly, WPH315	571.00	191172	Power Supply Board, WDP345, 120V	413.00
191160	Label/Panel Assembly, WPH325	571.00	191173	Power Supply Board, WDP345, 120V	413.00
191161	Label/Panel Assembly, WDP315	603.00	190744	Option Board, 4-20 mA, W300 series	109.00
191162	Label/Panel Assembly, WDP325	603.00	190820	Option board, dual input, WDX300	383.00
191163	Label/Panel Assembly, WDP345	603.00	51369	Buffer, pH 4, pint	12.80
191164	Power Supply Board, WPH315, 120V	366.00	51370	Buffer, pH 7, pint	12.80
191165	Power Supply Board, WPH315, 240V	366.00	51371	Buffer, pH 10, pint	12.80
191166	Power Supply Board, WPH325, 120V	393.00	51372	Quinhydrone, 20 grams	73.00
191167	Power Supply Board, WPH325, 240V	393.00	51373	ORP Calibration Kit	105.00
191168	Power Supply Board, WDP315, 120V	355.00	E90495	Connector, 5 pin, EW/EW-Y	18.50

SECTION III SPECIALTY/PLATING CONTROLLERS



WNI410 Series Electroless Nickel Controllers

WNI41



PART # / CODE	DESCRIPTION	PRICE (adder)
WNI41	Electroless Nickel Controller	\$ 2076.00
DUAL INPUT		
0	None	n/c
1	pH Input circuit board installed	+ 656.00
VOLTAGE		
1	120 VAC, prewired	n/c
5	Hardwired, cable glands	n/c
OUTPUT		
N	No 4-20 mA output	n/c
4	Isolated 4-20 mA output (proportional to Ni)	+109.00
OPTIONS		
N	None	n/c
1	Flow through nickel sensor	+ 754.00
USB		
N	Software upgrade capability only	n/c
U	Integrated datalogging and config file import/export via USB flash stick	+195.00

Spare Parts

PART # / CODE	DESCRIPTION	PRICE
Fuses		
103163	Fuse, 1 Amp, F1 for all W400 series	\$ 3.40
102834	Fuse, 6 Amp, F2 for all W400 Series	3.40
102370	Fuse, 5 Amp, 240V W300 Series	3.40
102369	Fuse, 1/8 Amp, F1 for 120V W300 Series	3.40
102432	Fuse, 10 Amp, 120V W300 Series	3.40
103363	Fuse, 1/16 Amp, F1 for 240V W300 Series	3.40
Circuit Boards		
191408	Label/Panel Assy, WNI410-N	1779.00
191463	Label/Panel Assy, WNI410-U	1974.00
191436	Power/Relay Board, WNI410	366.00
191437	Power/Relay Board, WNI411	366.00
191383	4-20 mA option board, W400 Series	109.00
191385	Dual Input Option Board, W400 Series	383.00
190854	Label/Panel Assy, WNI310	1779.00
190803	Power Supply Board w/fuse, WNI/WCU310, 120V	366.00
190804	Power Supply Board w/fuse, WNI/WCU310, 240V	366.00
190744	4-20 mA option board, W300 Series	109.00
190809	pH option board, WNI310	656.00
Sensors		
190789	Cable, WCU/WNI sensor, 20 ft.	100.00
190792	Connector, WCU/WNI	54.00
190784	Sensor, flow through, nickel	754.00

Accessories		PRICE
190921	Sample System, 120 VAC, 60 Hz (includes nickel & pH sensors)	\$ 3950.00
190922	Sample System, 240 VAC, 50 Hz (includes nickel & pH sensors)	3950.00
190798	Cooling plate (installed in rinse tank)	791.00
190799	Cooling coil (installed off-line)	397.00
CP1-244	Bellows sample pump, 120 V, 60 Hz	300.00
CP1-245	Bellows sample pump, 240 V, 50 Hz	300.00
102540	Sample tubing, flow through sensor	0.50/ft
102495	Tubing Union	\$ 4.70
190811	Degasser	590.00
102569	Needle valve, 1/2" NPT, PP	152.00
190797-20	Extension cable, 20 ft., WNI sensors	81.00
190797-40	Extension cable, 40 ft., WNI sensors	105.00

FOR USE WITH WEL SERIES pH ELECTRODES

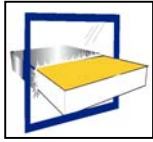
WEL-PHF-12	pH electrode with preamplifier, ATC, in-line	465.00
WEL-PHF-22	pH electrode with preamplifier, in-line	420.00
190858	pH mounting adapter, 1 1/4" tee to 3/8" tubing	80.00
102581	Housing with preamplifier and ATC, 20 ft. cable	259.00
102606	Housing with preamplifier, 20 ft. cable	214.00
190851	Junction box (if more than 20 ft. cable required)	64.00
102535	Cable, 6 conductor (junction box to controller)	1.90/ft
WEL-PHF-NN	Electrode, pH, flat	143.00
102884	Tee, 3/4" threaded, in-line electrode mounting	33.00
102585	Adapter, WEL electrode, USA for standard 1/4" tee	33.00
102586	In-line mounting nut	23.40
102594	O-Ring, FKM, for low pressure sensor mounting	6.40

FOR USE WITH 51147 pH ELECTRODE

190810	pH electrode mounting adapter, 3/4"	45.00
190783	Preamplifier, pH	165.00
102535	Cable, 6-conductor plus shield	1.90/ft
51147	pH electrode, in-line	187.00
51153	Cable, 10 ft	65.00
51151	Mounting gland	27.90

FOR USE WITH OBSOLETE 101152 pH ELECTRODE

100177-M	Fitting, 1/2" ID x 1/2" NPTM	9.20
102442	Reducing bushing, 1/2" x 3/4", for use with 190810 adapter	4.70
190810	pH electrode mounting adapter, 3/4" NPTF	45.00
190783	Preamplifier, pH	165.00
102535	Cable, 4-conductor plus shield	1.90/ft



WCU410 Series Microetch/Electroless Copper Controllers

WCU410 -



VOLTAGE



OUTPUT



OPTION



USB

PART # / CODE	DESCRIPTION	PRICE (adder)
WCU410	Electroless Copper/Microetch Controller	\$ 2076.00
VOLTAGE		
1	120 VAC, prewired	n/c
5	Hardwired, cable glands	n/c
OUTPUT		
N	No 4-20 mA output	n/c
4	Isolated 4-20 mA output	+109.00
OPTIONS		
N	No sensor	n/c
1	Flow through sensor	+ 754.00
2	Immersible sensor	+ 1191.00
USB		
N	Software upgrade capability only	n/c
U	Integrated datalogging and config file import/export via USB flash stick	+195.00

Spare Parts

PRICE

Fuses		
103163	Fuse, 1 Amp, F1 for all W400 series	\$ 3.40
102834	Fuse, 6 Amp, F2 for all W400 Series	3.40
102370	Fuse, 5 Amp, 240V W300 Series	3.40
102369	Fuse, 1/8 Amp, F1 for 120V W300 Series	3.40
102432	Fuse, 10 Amp, 120V W300 Series	3.40
103363	Fuse, 1/16 Amp, F1 for 240V W300 Series	3.40
Circuit Boards		
191407	Label/Panel Assy, WCU410-N	1779.00
191462	Label/Panel Assy, WCU410-U	1974.00
191435	Power/Relay Board, WCU410	366.00
191383	4-20 mA Output Board, W400 Series	109.00
190853	Label/panel assembly, WCU310	1779.00
190803	Power Supply Board w/fuse, WNI/WCU310, 120V	366.00
190804	Power Supply Board w/fuse, WNI/WCU310, 240V	366.00
190744	4-20 mA option board, W300 Series	109.00
Sensors		
190787	Sensor, immersible, copper	1191.00
190785	Sensor, flow through, copper	754.00
190789	Cable, WCU/WNI sensor, 20 ft.	100.00
190792	Connector, WCU/WNI	54.00

Accessories

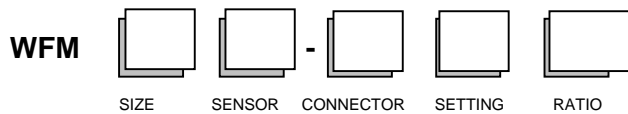
PRICE

190799	Cooling coil (installed off-line)	\$ 397.00
190798	Cooling plate (installed in rinse tank)	791.00
102540	Sample tubing, flow through sensor	0.50/ft
102495	Tubing Union	4.70
190797-20	Extension cable, 20 ft., WCU sensors	81.00
190797-40	Extension cable, 40 ft., WCU sensors	105.00
190811	Degasser, PP, 3/8" O.D. tubing connection	590.00
102569	Needle Valve, 1/2" NPT, PP	152.00

SECTION IV WALCHEM ACCESSORY PRODUCTS



WFM Series Water Meter Contactors



PART # / CODE	DESCRIPTION	PRICE (adder)
WFM	Water Meter Contactor	
SIZE		
07	3/4" NPT Male	\$ 179.00
10	1" NPT Male	251.00
15	1 1/2" NPT Male	496.00
20	2" NPT Male	629.00
SENSOR TYPE		
0	None	n/c
1	Reed Switch	+34.00
2	Hall Effect	+34.00
CONNECTOR (TO PUMP)		
0	None - leads only	n/c
3	Includes E90495 connector for use with EW pump	+25.00
SETTING		
P	Pulses/gallon	n/c
G	Gallons/pulse	n/c

Ratio

3/4"		1"		1 1/2"		2"	
07		10		15		20	
P/G	G/P	P/G	G/P	P/G	G/P	P/G	G/P
20*	1	2*	1	2	1	2*	1
10	5*		5*		5*		5*
2*	10		10		10		10
	50*		50*		50*		50*
	100		100		100		100

* This pulse rate available only in WFM-xx1 (reed switch) only.

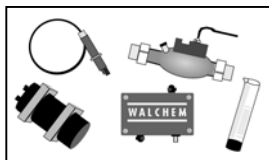
WFM Series Water Meter Contactors Spare Parts

PART # / CODE	DESCRIPTION	PRICE
For dry register type flowmeters with serial number before 09062430		
51540	Strainer, 2"	\$ 26.60
51601	Lid, 3/4" to 2"	16.70
51602	Hinge Pin, 3/4" to 2"	7.00
51603	Gasket Set, 3/4" to 2"	8.50
51604	Glass Lens, 3/4" to 2"	91.00
51605	O-ring, 3/4" to 2"	3.80
51606	Sensor, Reed switch, 3/4" to 2"	98.00
51607	Sensor, Hall effect, 3/4" to 2"	98.00
51608	Gearset, X2, 3/4" to 2"	33.00
51609	Gearset, X1, 3/4" to 2"	33.00
51610	Drive Magnet, 1" to 2"	41.00
51611	Register Assembly, 3/4"	60.00
51613	Multi-jet Assembly, 3/4"	123.00
51614	Strainer, 3/4"	10.20
51615	Gasket, 3/4"	3.80
51616	Gasket, Coupling, 3/4"	3.80
51617	Coupling Assembly, 3/4"	24.80
51618	Register Assembly, 1"	67.00
51619	Multi-jet Assembly, 1"	123.00
51620	Strainer, 1"	13.40
51621	Gasket, Coupling, 1"	7.00
51622	Coupling Assembly, 1"	33.00
51623	Register Assembly, 1 1/2"	75.00
51624	Multi-jet Assembly, 1 1/2"	149.00
51625	Strainer, 1 1/2"	18.40
51626	Gasket, Coupling, 1 1/2"	8.50
51627	Coupling Assembly, 1 1/2"	49.00
51628	Register Assembly, 2"	82.00
51629	Multi-jet Assembly, 2"	149.00
51630	Gasket, Coupling, 2"	10.20
51631	Coupling Assembly, 2"	66.00

WFM Series Water Meter Contactors continued

Spare Parts

PART # / CODE	DESCRIPTION	PRICE
For dry register type flowmeters with serial numbers after 09062430		
51662	Lid, ¾"	\$ 7.30
51663	Lid, 1"	7.30
51664	Lid, 1½" and 2"	8.20
51665	Lens Gasket Assembly, ¾"	5.80
51666	Lens Gasket Assembly, 1"	5.80
51667	Lens Gasket Assembly, 1½" and 2"	6.10
51668	Internal Assembly, ¾"	81.00
51669	Internal Assembly, 1"	133.00
51670	Internal Assembly, 1½"	266.00
51671	Internal Assembly, 2"	347.00
51676	Coupling Assembly (2 sets) ¾"	46.00
51677	Coupling Assembly (2 sets) 1"	88.00
51678	Coupling Assembly (2 sets) 1½"	146.00
51679	Coupling Assembly (2 sets) 2"	210.00
51680	Coupling Gasket (2pcs) ¾"	6.70
51681	Coupling Gasket (2pcs) 1"	12.30
51682	Coupling Gasket (2pcs) 1½"	14.00
51683	Coupling Gasket (2pcs) 2"	17.50
51684	Lens ¾" to 2"	20.70
51685	Sensor screw ¾" to 2"	2.00
51650	Single Reed Switch Sensor (WFMxx1), ¾" to 2"	62.00
51651	Dual Reed Switch Sensor (WFMxx1), ¾" to 2"	71.00
51652	Single Hall Effect Sensor (WFMxx2), ¾" to 2"	62.00
51654	Register, ¾"	27.50
51655	Register, 1"	33.00
51656	Register, 1½"	109.00
51657	Register, 2"	109.00
51686	Internal Strainer, ¾"	7.30
51687	Internal Strainer, 1"	8.20
51688	Internal Strainer, 1½" and 2"	12.00
51689	Tubular Strainer, ¾"	2.90
51690	Tubular Strainer, 1"	4.70
51691	Tubular Strainer, 1½"	10.80
51692	Tubular Strainer, 2"	12.00



SECTION V PARTS & ACCESSORIES BY PART NUMBER

Part No.	Description	Price
51158	Electrode, pH, submersion, flat, no cable, CPVC	187.00
51160	Cable, 10 ft., threaded cap, BNC, CPVC	72.00
51160-20	Cable, 20 ft., threaded cap, BNC, CPVC	82.00
51188	Electrode, pH, insertion, flat, no cable, CPVC	196.00
51198	Insertion Assy/Cable, 12", 20 ft. cable, ATC, smooth cap, BNC & bare wires, CPVC	557.00
51203	Insertion Assy, 12" CPVC	353.00
51268	Electrode, ORP, insertion, flat, no cable, CPVC	230.00
51369	Buffer, pH 4, pint	12.80
51370	Buffer, pH 7, pint	12.80
51371	Buffer, pH 10, pint	12.80
51372	Quinhydrone, 20 grams	73.00
51373	ORP calibration kit	105.00
100084	Cable, 4 conductor with shield (to extend conductivity sensor cable)	0.70/ft
100177-M	Fitting, 1/2" ID x 1/2" NPTM, for 1/2" diameter pH/ORP electrodes	9.20
100375	Fuse, 3.2 Amp, 240V, W-150/250 Series	5.90
100424	Fuse, 6 Amp, 120V, W-150/250 Series	2.50
101156	Cable, 10 ft., BNC, for 101152 electrode	119.00
101661	Lithium Battery, W-150/250 Series	13.90
102012	Solenoid valve, cooling tower, 1"	373.00
102013	Solenoid valve, cooling tower, 3/4"	217.00
102014	Solenoid valve, cooling tower, 1/2"	186.00
102027	Gland, SS, high temp/low pressure	250.00
102028	Gland, SS, high pressure, in-line	256.00
102029	Electrode, pH, high temp/pressure, 10 ft. cable	335.00
102080	Connector, BNC male solderable (use with WEL electrodes that contain preamp)	11.10
102148	Fuse, 1 Amp, 120V or 240 V, W-130/230 Series	2.30
102219	Solenoid valve, boiler, 1/2", 100-300 psi, 120V	474.00
102220	Solenoid valve, boiler, 3/4", 100-300 psi, 120V	552.00
102224	Orifice union, boiler, 1/2", w/4 plates	240.00
102225	Orifice union, boiler, 3/4", w/4 plates	264.00
102226	Orifice union, boiler, 1", w/4 plates	296.00
102369	Fuse, 1/8 Amp, F1 for 120V W300 Series	3.40
102370	Fuse, 5 Amp, 240V W300 Series	3.40
102387	Valve, sample, for flow switch manifolds	24.50
103061	Electrode, conductivity, cooling tower, high pressure, 300 psi	523.00
103519	Rotameter	133.00
102410	Cable for flow switch extension	0.60/ft
102432	Fuse, 10 Amp, 120V W300 Series	3.40
102442	Reducing bushing, 1/2" x 3/4", for use with 190810 adapter	4.70
102448	Motorized ball valve, boiler, 1/2", 120V	1,033.00
102449	Motorized ball valve, boiler, 3/4", 120V	1,090.00
102450	Motorized ball valve, boiler, 1", 120V	1,129.00
102452	Valve, ball, 1/2", NPT	228.00

Part No.	Description	Price
102453	Valve, ball, 3/4", NPT	281.00
102454	Valve, ball, 1", NPT	373.00
102456	Actuator, Motorized Ball Valve, 120V	668.00
102457	Actuator, Motorized Ball Valve, 240V	668.00
102458	Kit, mounting, motorized ball valve, 1/2"	110.00
102459	Kit, mounting, motorized ball valve, 3/4"	110.00
102460	Kit, mounting, motorized ball valve, 1"	110.00
102461	Kit, repair, motorized ball valve, 1/2"	209.00
102462	Kit, repair, motorized ball valve, 3/4"	240.00
102463	Kit, repair, motorized ball valve, 1"	294.00
102495	Tubing union, WCU/WNI series	4.70
102535	Cable, 3 twisted pair, shielded, 24 AWG (used to extend pH/ORP/Cond)	1.90/ft
102540	Sample tubing, flow through sensor, WCU/WNI series	0.50/ft
102569	Valve, needle, 1/2" NPT, PP	152.00
102571	Solenoid valve, boiler, 1/2", 0-100 psi, 120V	386.00
102572	Solenoid valve, boiler, 3/4", 0-100 psi, 120V	394.00
102581	Housing with preamplifier and ATC, 20 ft. cable	259.00
102582	Housing with ATC, 20 ft. coaxial cable	202.00
102585	Adapter, WEL electrode, USA for standard 1 1/4" tee	33.00
102586	In-line mounting nut, WEL or other nut mount sensors	23.40
102588	Cable, 1 pair, shielded, 22 AWG	0.70/ft.
102594	O-Ring, FKM, for low pressure sensor mounting	6.40
102602	Tee, 1 1/4", PVC	12.80
102606	Housing with preamplifier, 20 ft. cable	214.00
102606-5	Housing with preamplifier with 5 ft. cable	214.00
102607	Housing, 20 ft. coaxial cable	162.00
102693	In-line mounting adapter, WEL (metric)	33.00
102710	Preamplifier/ pH/ORP, battery powered for W-130/230 series	195.00
102730	Sensor, Econd, no mtg adapter, Passive, PEEK (donut shape)	1336.00
102759	Housing, WEL electrode, with Pt 100 ATC, 20' cable, BNC connector	202.00
102804	Tee, 1 1/4", CPVC	16.10
102817	In-line mounting adapter, CPVC, for 190954 WEC sensor	85.00
102833	Fuse, F1, 1.6 amp	2.30
102834	Fuse, F2 and F3, 6.3 amp	3.40
102879-01	Elbow, 3/4" threaded, for 190986 electrode	33.00
102881	Flow Switch Body (Tee)	25.80
102884	Tee, 3/4" threaded, for 190986 or WEL electrode	33.00
102919	O-ring, float retaining, for nut mount flow switch	2.30
102921	Tee, 2" NPTF, PVC	33.00
102922	Reducing bushing, 2" x 3/4" NPT	8.10
102943	Pigtail, 120VAC	5.20
102962	Switch, flow switch manifold, high pressure	355.00
102963	Electrode, ORP, high pressure, 12 ft. cable	335.00
102999	Submersion mounting adapter, 316SS, for 102730 PEEK sensor	328.00
103006	Cable, 3 conductor for Hall Effect water meters and paddlewheel	0.80/ft
103061	Electrode, conductivity, cooling tower, high pressure, 300 psi	523.00
103019	Null modem cable	16.50
103205	Networking "Master" upgrade code	206.00
103262	Electrode, Boiler/Condensate, no ATC, no Junction Box	195.00
103269	Modbus upgrade code	489.00
103270	Networking "Master" upgrade code	515.00
103319	Ribbon Cable	20.00

Part No.	Description	Price
103320	Cover, WA500 Power Supply	36.00
103363	Fuse, 1/16 Amp, F1 for 240V W300 Series	3.40
103419	Washer Set	29.00
103421	Clip Ring	8.40
103422	O-Ring, Washer	1.00
103462	Membrane Cap, WCDB and WPAB	112.00
103463	Membrane Cap, WFCB	83.00
103474	Electrolyte, WFCB	34.00
103475	Electrolyte, WCDB and WPAB	48.00
103500	Electrolyte, WOZB	48.00
103498	Membrane Cap, WOZB	132.00
190619	Power Supply Board, W-251-pH/ORP	403.00
190620	Power Supply Board, W-252-pH/ORP	438.00
190627	Power Supply Board, W-262-pH/ORP	403.00
190628	Power Supply Board, W-261-pH/ORP	403.00
190633	Circuit board assembly, back panel, all W-250/260	255.00
190744	Option Board, 4-20 mA, W300 series	109.00
190746	Front panel, W-250/260-pH	192.00
190746-ORP	Front panel, W-250/260-ORP	192.00
190753	Power Supply Board w/Fuse, WCT310, 120V	366.00
190754	Power Supply Board w/Fuse, WCT300, 120V	164.00
190755	Power Supply Board w/Fuse, WCT310, 240V	366.00
190756	Power Supply Board w/Fuse, WCT300, 240V	164.00
190762	Electrode, Boiler/Condensate, w/junction box	400.00
190765	Cable assembly, proportional, LMI connector	20.00
190768	Electrode, Boiler/Condensate, no junction box	299.00
190783	Preamplifier assembly, high pressure pH/ORP	165.00
190784	Sensor, flow through, nickel, WNI series	754.00
190785	Sensor, flow through, copper, WCU series	754.00
190787	Sensor, immersible, copper, WCU series	1,191.00
190789	Cable, WCU/WNI sensor, 20 ft.	100.00
190792	Connector, WCU/WNI	54.00
190797-20	Extension cable, 20 ft., WCU sensors	81.00
190797-40	Extension cable, 40 ft., WCU sensors	105.00
190798	Cooling plate (installed in rinse tank), W300 series	791.00
190799	Cooling coil (installed off-line), W300 series	397.00
190800	Label/Panel assembly, WPH310	571.00
190803	Power Supply Board w/fuse, WNI/WCU310, 120V	366.00
190804	Power Supply Board w/fuse, WNI/WCU310, 240V	366.00
190805	Power Supply Board, 120 V, on/off, WPH310	366.00
190806	Power Supply Board, 120 V, proportional, WPH320, WDP320	393.00
190807	Power Supply Board, 240 V, on/off, WPH310	366.00
190808	Power Supply Board, 240 V, proportional, WPH310	393.00
190809	Option board, pH, WNI series	656.00
190810	pH electrode mounting adapter, 3/4"	45.00
190811	Degasser, PP, 3/8" O.D. tubing connection, W300 series	590.00
190817	Label/Panel assembly, WCT310	728.00
190818	Label/Panel assembly, WCM300	503.00
190819	Label/Panel assembly, WBL300	503.00
190820	Option board, dual input, WDX300 series	383.00
190826	Flow switch manifold, pH/ORP, 3/4" PVC	294.00
190829	Preamplifier, pH/ORP with BNC (for W-250/260 series)	184.00

Part No.	Description	Price
190831	Valve, flow control, boiler, 3/4", 150 psi	586.00
190832	Valve, flow control, boiler, 3/4", 300 psi	847.00
190833	Valve, flow control, boiler, 1/2", 150 psi	508.00
190834	Valve, flow control, boiler, 1/2", 300 psi	738.00
190851	Junction box	64.00
190852	Label/Panel assembly, WPH320	571.00
190853	Label/Panel assembly, WCU310	1,779.00
190854	Label/Panel assembly, WNI310	1,779.00
190858	pH mounting adapter, 1 1/4" tee to 3/8" tubing	80.00
190863	Kit, US in-line mounting, WEL	65.00
190864	Processor board, all W-250-pH	347.00
190865	Processor board, all W-250-ORP	347.00
190866	Processor board, all W-260-pH	347.00
190867	Processor board, all W-260-ORP	347.00
190877	Kit, metric in-line mounting, WEL	65.00
190890-50	Extension cable, 50 ft., battery powered preamp	59.00
190890-75	Extension cable, 75 ft., battery powered preamp	69.00
190890-100	Extension cable, 100 ft., battery powered preamp	80.00
190890-125	Extension cable, 125 ft., battery powered preamp	91.00
190891	Label/Panel assembly, WEC	775.00
190894	Label/Panel assembly, WDB300	503.00
190895	Label/Panel assembly, WDC300	503.00
190896	Label/Panel assembly, WDT300	436.00
190897	Label/Panel assembly, WDT310	707.00
190898	Label/Panel assembly, WDP310	603.00
190899	Label/Panel assembly, WDP320	603.00
190900	Power Supply Board, WDB300, 120V	366.00
190901	Power Supply Board, WDB300, 240V	366.00
190902	Power Supply Board, WDC300, 120V	366.00
190903	Power Supply Board, WDC300, 240V	366.00
190904	Power Supply Board w/Fuse, WDT300, 120V	366.00
190905	Power Supply Board w/Fuse, WDT300, 240V	366.00
190906	Power Supply Board w/Fuse, WDT310, 120V	366.00
190907	Power Supply Board w/Fuse, WDT310, 240V	366.00
190908	Power Supply Board, 120 V, WDP310	355.00
190909	Power Supply Board, 240 V, WDP310	355.00
190910	Power Supply Board, 120 V, WDP340	413.00
190911	Power Supply Board, 240 V, WDP340	413.00
190912	Power Supply Board, WEC, 120 V	366.00
190913	Power Supply Board, WEC, 240 V	366.00
190914	Reed switch for 190770-10 flow switch, 10 ft. cable	96.00
190915	Test lead kit, WEC	1.10
190916-25	Extension cable, 25 ft., WEC sensor	55.00
190916-50	Extension cable, 50 ft., WEC sensor	78.00
190916-75	Extension cable, 75 ft., WEC sensor	102.00
190916-100	Extension cable, 100 ft., WEC sensor	124.00
190918	Electrodeless input board	328.00
190919	Submersion adapter, CPVC, for 102730 PEEK sensor	33.00
190921	Sample System, 120 VAC, 60 Hz (includes nickel & pH sensors)	3950.00
190922	Sample System, 240 VAC, 50 Hz (includes nickel & pH sensors)	3950.00
190945	In-line adapter with nut, for 102730 PEEK sensor	119.00
190949-10	Cable, 10 ft., to extend W300/400 ccond sensor, used with junction box	6.90

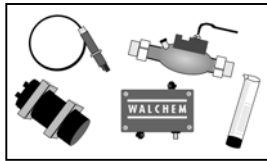
Part No.	Description	Price
190949-25	Cable, 25 ft., to extend W300/400 ccond sensor, used with junction box	17.30
190949-50	Cable, 50 ft., to extend W300/400 ccond sensor, used with junction box	34.00
190949-100	Cable, 100 ft., to extend W300/400 ccond sensor, used with junction box	69.00
190950	Label/Panel assembly, WDP 340	603.00
190954	Sensor, Econd, 20 ft. cable, passive, CPVC	274.00
190964-3	Level switch, 3 ft. maximum depth	129.00
190964-5	Level switch, 5 ft. maximum depth	138.00
190980	Power Supply Board, WBL300, 120V	164.00
190981	Power Supply Board, WBL300, 240V	164.00
190982	Power Supply Board, WCM300, 120V	164.00
190983	Power Supply Board, WCM300, 240V	164.00
190984	Electrode, Contacting Conductivity, Active, Graphite	153.00
190984-05	Contacting, PP/Graphite, 5 ft. cable, no tee (for use with flow switch manifold)	153.00
190986	Electrode, conductivity, cooling tower, nut mount style	128.00
190988	Sensor, Econd, 1 - 10 mS/cm, 20 ft. cable, no tee, no mtg adapter, Active, CPVC	446.00
190996	Float, for 191006 manifold	44.00
190997	Flow switch, 150 psi	119.00
190998	Reed switch, for nut mount manifold	67.00
191005	Flow switch manifold, dual pH/ORP	313.00
191006	Flow switch manifold, pH/ORP, used in options 4, 4T and 7	221.00
191007	Flow switch manifold, used with nut mount style conductivity electrode	203.00
191008	Flow switch manifold, used with nut mount style cond. electrode +pH/ORP	262.00
191009	Manifold, Flow Switch, Contacting Conductivity + Dual pH/ORP	329.00
191012	In-line mounting adapter w/nut, 316SS, for 102730 PEEK sensor	191.00
191013	Power Supply Board, 120 V, WDP 320	393.00
191014	Power Supply Board, 240 V, WDP 320	393.00
191020	Switch & Float assembly	112.00
191022	Manifold, Flow Switch, Electrodeless Conductivity	203.00
191023	Manifold, Flow Switch, Electrodeless Conductivity + pH/ORP	262.00
191024	Manifold, Flow Switch, Electrodeless Cond. + Dual pH/OR	329.00
191024	Manifold, Flow Switch, Electrodeless Cond. + Dual pH/ORP	329.00
191038	Kit, US in-line mounting, 3/4" tee	65.00
191040	4-20 mA Output Card	109.00
191041	Digital Input Card	160.00
191042	Analog Input Card	212.00
191043	Ethernet Card	530.00
191044	Modem Card	424.00
191045	Sensor Input Card	208.00
191046	Power Supply, W700	145.00
191047	Relay Card, 7 powered, dry contact alarm	251.00
191048	Relay Card, 6 powered, dry contact alarm/bleed	251.00
191049	Display	128.00
191050	Core Interface Card	456.00
191051	Core Card w/ memory module	718.00
191052	Memory Module	139.00
191077	High pressure manifold, ccond	640.00
191078	High pressure manifold, pH/ccond	902.00
191081	Relay Card, 4 powered blowdown, 4 dry alarm/feed	251.00
191082	Core Card + memory module	718.00
191084	Memory Module	139.00
191086	Sensor Signal Conditioning Card, for 190768 electrode	105.00
191087	Contacting, 250 psi, no cable (boiler) with preamp and j-box	625.00

Part No.	Description	Price
191080	Relay Card, 8 powered	251.00
191090	Manifold, Flow Switch, Contacting Conductivity + Dual pH/ORP, high press.	1202.00
191091	Electrode, high pressure, 300 psi, 3/4" NPTM with preamp	625.00
191094	CE Filter kit	130.00
191096-05	Contacting, PP/stainless, 5 ft. cable, no tee (for use with flow switch manifold)	205.00
191097	Electrode, conductivity, cooling tower, nut mount style (stainless steel)	179.00
191102	Label/Panel Assy, WCT300-N (if serial no. is 020730xxxx or higher)	436.00
191108	Sensor, Econd, 10 - 100 mS/cm, 20 ft. cable, no tee, no mtg adapter, Active, CPVC	446.00
191108-05	Sensor, Econd, 10 - 100 mS/cm, 5 ft. cable, no tee, no mtg adapter, Active, CPVC	446.00
191113-05	Sensor, Econd, 100 - 1000 mS/cm, 5 ft. cable, no tee, no mtg adapter, Active, CPVC	446.00
191118	103109 Modem + instructions	180.00
191119	103075 Core card w/memory module + instructions	718.00
191120	191093 Process monitor board + instructions	366.00
191121	191095 Power Supply Board + instructions	139.00
191122	Relay Card, 8 powered, WGI	251.00
191123	Core card + memory module, WGI	718.00
191124	Memory module, WGI	139.00
191125	Core interface card, WGI	456.00
191113	Sensor, Econd, 1000 mS/cm, 20 ft. cable, no tee, no mtg adapter, Active, CPVC	446.00
191128	Core Card + memory module, WMT, CE approved	718.00
191129	Core Card + memory module, WMB, CE approved	718.00
191130	Core Card + memory module, WGI, CE approved	718.00
191145	Sensor, Econd, 20 ft. cable, Passive, PEEK	789.00
191154	Label/Panel Assy, WBL310	503.00
191155	Power Supply Board, WBL310, 120V	164.00
191156	Power Supply Board, WBL310, 240V	164.00
191159	Label/Panel Assembly, WPH315	571.00
191160	Label/Panel Assembly, WPH325	571.00
191161	Label/Panel Assembly, WDP315	603.00
191162	Label/Panel Assembly, WDP325	603.00
191163	Label/Panel Assembly, WDP345	603.00
191164	Power Supply Board, WPH315, 120V	366.00
191165	Power Supply Board, WPH315, 240V	366.00
191166	Power Supply Board, WPH325, 120V	393.00
191167	Power Supply Board, WPH325, 240V	393.00
191168	Power Supply Board, WDP315, 120V	355.00
191169	Power Supply Board, WDP315, 240V	355.00
191170	Power Supply Board, WDP325, 120V	393.00
191171	Power Supply Board, WDP325, 240V	393.00
191172	Power Supply Board, WDP345, 120V	413.00
191173	Power Supply Board, WDP345, 120V	413.00
191189	Manifold, Flow Switch, Contacting Conductivity, high pressure	546.00
191190-05	Sensor, Econd, 0.1 - 1 mS/cm, 5 ft. cable, no tee, no mtg adapter, Active, CPVC	446.00
191192	Cond, electrodeless, active, submersion mounting, 20 ft. cable, PEEK, 1 -10 mS/cm	961.00
191193	Cond, electrodeless, active, submersion mounting, 20 ft. cable, PEEK, 10 -100 mS/cm	961.00
191194	Cond, electrodeless, active, submersion mounting, 20 ft. cable, PEEK, 100 -1000 mS/cm	961.00
191198	Sensor, Contacting, PP/graphite, 20 ft. cable, in-line or submersion	216.00
191200	Sensor, Contacting, PP/stainless, 20 ft. cable, in-line or submersion	268.00
191239	Core Interface Board	639.00
191265	Core, WIND	450.00
191279-R	Flow Cell Body	40.00
191280	Sensor, Chlorine Dioxide, no cable	1380.00

Part No.	Description	Price
191289	Flow cell assembly, Cl, ClO ₂ , OZ, PAA	70.00
191294	Power Supply, W800	145.00
191300	Sensor, Free Chlorine, no cable	1177.00
191303	Cable, disinfection sensors, 20 ft.	84.00
191303-05	Cable, disinfection sensors, 5 ft.	69.00
191314	Process Monitor Board, WA500	515.00
191316	Power Supply - I/O Board, WA500	225.00
191317	Core Board, WA500	450.00
191317-M	Core Board with Master Capability, WA500	656.00
191320	Sensor, Ozone, no cable	1780.00
191338	Sensor, Peracetic Acid, no cable	1587.00
191343	Label/Panel Assembly, WDIS310	703.00
191344	Power Supply Board, 120V, WDIS310	355.00
191345	Power Supply Board, 240V, WDIS310	355.00
191349	Manifold, disinfection sensor	450.00
191350	Sensor, Peracetic acid, 2000ppm, 20 ft. cable, no flow cell	1620.00
191351	Electrode, pH, flat, 5 ft. cable, no tee, w/o temp comp	357.00
191352	Electrode, pH, bulb, 5 ft. cable, no tee, w/temp comp	381.00
191353	Electrode, pH, bulb, 5 ft. cable, no tee, w/o temp comp	336.00
191354	Electrode, pH, flat, HF resistant, 5 ft. cable, w/temp comp	428.00
191355	Electrode, pH, flat, HF resistant, 5 ft. cable, w/o temp comp	383.00
191356	Electrode, pH, bulb, HF resistant, 5 ft. cable, w/temp comp	469.00
191357	Electrode, pH, bulb, HF resistant, 5 ft. cable, w/o temp comp	424.00
191358	Electrode, pH, low ionic strength, 5 ft. cable	437.00
191359	Electrode, pH, low ionic strength, 5 ft. cable, w/o temp comp	392.00
191360	Electrode, ORP, flat style, 5 ft. cable, no tee, w/o temp comp	383.00
191361	Sensor, Free Chlorine, 20 ft. cable	1210.00
191362	Sensor, Chlorine Dioxide, 20 ft. cable	1413.00
191363	Sensor, Ozone, 20 ft. cable	1813.00
191364	Sensor, Econd, 0.1 - 1 mS/cm, 20 ft. cable, in-line w/mtg adapter, Active, CPVC	565.00
191365	Sensor, Econd, 10 - 100 mS/cm, 20 ft. cable, in-line w/mtg adapter, Active, CPVC	565.00
191366	Sensor, Econd, 100 - 1000 mS/cm, 20 ft. cable, in-line w/mtg adapter, Active, CPVC	565.00
191367	Sensor, Econd, 0.1 - 1 mS/cm, 20 ft. cable, in-line w/mtg adapter, Active, PEEK	1117.00
191368	Sensor, Econd, 1 - 10 mS/cm, 20 ft. cable, in-line w/mtg adapter, Active, PEEK	1117.00
191369	Sensor, Econd, 10 - 100 mS/cm, 20 ft. cable, in-line w/mtg adapter, Active, PEEK	1117.00
191370	Sensor, Econd, 100 - 1000 mS/cm, 20 ft. cable, in-line w/mtg adapter, Active, PEEK	1117.00
191371	Manifold, High pressure pH or ORP	766.00
191372	Manifold, Two high pressure pH or ORP	1143.00
191373	Manifold, High pressure pH or ORP on Polypro panel	843.00
191374	Manifold, Two low pressure pH or ORP on Polypro panel	354.00
191375	Manifold, Two high pressure pH or ORP on Polypro panel	1220.00
191379	Core Interface Board, WIND	639.00
191383	Option Board, 4-20mA Output, W400 Series	109.00
191384	Option Board, Conductivity, WDT400, WDB/WDC400 Series	383.00
191385	Option Board, pH/ORP, WDT410 Series	383.00
191386	Power/Relay Board, WCT410	366.00
191387	Power/Relay Board, WCT400	164.00
191389	Power/Relay Board, WPH/WDIS410	355.00
191390	Power/Relay Board, WPH/WDP420	393.00
191391	Power/Relay Board, WDP440	413.00
191392	Label/Panel Assy, WCT400-N	436.00
191393	Label/Panel Assy, WCT410-N	728.00

Part No.	Description	Price
191394	Label/Panel Assy, WBL400-N	503.00
191395	Label/Panel Assy, WBL410-N	503.00
191396	Label/Panel Assy, WDB400-N	503.00
191397	Label/Panel Assy, WDT410-N	707.00
191398	Label/Panel Assy, WCM400-N	503.00
191399	Label/Panel Assy, WDC400-N	503.00
191400	Label/Panel Assy, WPH/WDP410-N	571.00
191401	Label/Panel Assy, WPH/WDP420-N	571.00
191404	Label/Panel Assy, WDP440-N	571.00
191405	Label/Panel Assy, WEC/WDEC410-N	775.00
191406	Label/Panel Assy, WDIS410-N	703.00
191407	Label/Panel Assy, WCU410-N	1779.00
191408	Label/Panel Assy, WNI410-N	1779.00
191409	Label/Panel Assy, WDT400-N	436.00
191429	Power/Relay Board, WEC/WDEC/WDP410	366.00
191430	Power/Relay Board, WDT410	366.00
191431	Power/Relay Board, WDT400	366.00
191432	Power/Relay Board, WDB400	366.00
191433	Power/Relay Board, WDC400	366.00
191434	Power/Relay Board, WBL410	366.00
191435	Power/Relay Board, WCU410	366.00
191436	Power/Relay Board, WNI410	366.00
191437	Power/Relay Board, WNI411	366.00
191438	Power/Relay Board, WBL400	164.00
191439	Power/Relay Board, WCM400	164.00
191444	Label/Panel Assy, WCT410-U	923.00
191447	Label/Panel Assy, WCT400-U	631.00
191449	Label/Panel Assy, WBL400-U	698.00
191450	Label/Panel Assy, WBL410-U	698.00
191451	Label/Panel Assy, WDB400-U	698.00
191452	Label/Panel Assy, WDT410-U	902.00
191453	Label/Panel Assy, WCM400-U	698.00
191454	Label/Panel Assy, WDC400-U	698.00
191455	Label/Panel Assy, WPH/DP410-U	766.00
191456	Label/Panel Assy, WPH/DP420-U	766.00
191459	Label/Panel Assy, WDP440-U	766.00
191460	Label/Panel Assy, WEC/WDEC410-U	970.00
191461	Label/Panel Assy, WDIS410-U	898.00
191462	Label/Panel Assy, WCU410-U	1974.00
191463	Label/Panel Assy, WNI410-U	1974.00
191464	Label/Panel Assy, WDT400-U	631.00
CPI-244	Sample pump, bellows, 120 V, 60 Hz	300.00
CPI-245	Sample pump, bellows, 240 V, 50 Hz	300.00
WCDB-20	Sensor, Chlorine Dioxide, Flow Cell, 20 ft. cable	1483.00
WEL-MVF-NN	Electrode, ORP, flat surface	169.00
WEL-MVR-NN	Electrode, ORP, rod-style platinum, for water with free halogen levels below 0.25 mg/l	201.00
WEL-MVF-21	Electrode, ORP, flat style, 20 ft. cable, submersion	383.00
WEL-MVR-21	Electrode, ORP, rod style, 20 ft. cable, submersion	415.00
WEL-MVR-22	Electrode, ORP, rod style, 20 ft. cable, in-line	478.00
WEL-PHB-NN	Electrode, pH, bulb surface	122.00
WEL-PHB-11	Electrode, pH, bulb, 20 ft. cable, submersion, w/temp comp	381.00
WEL-PHB-12	Electrode, pH, bulb, 20 ft. cable, in-line, w/tee, w/ temp comp	444.00

Part No.	Description	Price
WEL-PHB-21	Electrode, pH, bulb, 20 ft. cable, submersion, w/o temp comp	336.00
WEL-PHB-22	Electrode, pH, bulb, 20 ft. cable, in-line, w/tee, w/o temp comp	399.00
WEL-PHF-NN	Electrode, pH, flat surface	143.00
WEL-PHF-11	Electrode, pH, flat, 20 ft. cable, submersion	402.00
WEL-PHF-12	Electrode, pH with preamplifier, ATC, in-line	465.00
WEL-PHF-21	Electrode, pH, flat, 20 ft. cable, submersion, w/o temp comp	357.00
WEL-PHF-22	Electrode, pH with preamplifier, in-line	420.00
WEL-PHH-NN	Electrode, pH, flat, HF resistant	169.00
WEL-PHH-11	Electrode, pH, flat, HF resistant, 20 ft. cable, submersion, w/temp comp	428.00
WEL-PHH-12	Electrode, pH, flat, HF resistant, 20 ft. cable, in-line, w/tee, w/ temp comp	491.00
WEL-PHH-21	Electrode, pH, flat, HF resistant 20 ft. cable, submersion, w/o temp comp	383.00
WEL-PHH-22	Electrode, pH, flat, HF resistant, 20 ft. cable, in-line, w/tee, w/o temp comp	446.00
WEL-PHLI-NN	Electrode, pH, flat surface, for water with conductivity below 100µS/cm	178.00
WEL-PHLI-11	Electrode, pH, low ionic strength (under 100 µS/cm), 20 ft. cable, submersion, w/temp comp	437.00
WEL-PHLI-12	Electrode, pH, low ionic strength (under 100µS/cm), 20 ft. cable, in-line, w/tee, w/temp comp	500.00
WEL-PHLI-21	Electrode, pH, Low ionic strength (under 100 µS/cm),20 ft. cable, submersion, w/o temp comp	392.00
WEL-PHLI-22	Electrode, pH, low ionic strength (under 100µS/cm), 20 ft. cable, in-line, w/tee, w/o temp comp	455.00
WFCB-20	Sensor, Chlorine, Flow Cell, 20 ft. cable	1280.00
WFM071	Water meter contactor, 3/4"	213.00
WFM072-0	Water meter contactor, 3/4"	213.00
WFM101	Water meter contactor, 1"	285.00
WFM102-0	Water meter contactor, 1"	285.00
WFM151	Water meter contactor, 1 1/2"	530.00
WFM152-0	Water meter contactor, 1.5"	530.00
WFM201	Water meter contactor, 2"	663.00
WFM202-0	Water meter contactor, 2"	663.00
WFP050	Paddlewheel w/ 1/2" mounting tee	460.00
WFP075	Paddlewheel w/ 3/4" mounting tee	466.00
WFP100	Paddlewheel w/ 1" mounting tee	466.00
WFP150	Paddlewheel w/ 1.5" mounting tee	466.00
WFP200	Paddlewheel w/ 2" mounting tee	477.00
WFP300	Paddlewheel w/ 3" mounting saddle	501.00
WFP400	Paddlewheel w/ 4" mounting saddle	571.00
WFP600	Paddlewheel w/ 6" mounting saddle	627.00
WOZB-20	Sensor, Ozone, Flow Cell, 20 ft. cable	1883.00
WPAB-20	Sensor, Peracetic Acid, Flow Cell, 20 ft. cable	1690.00



SECTION VI PARTS & ACCESSORIES BY DESCRIPTION

Part No.	Description	Price
191119	103075 Core card w/memory module + instructions	718.00
191118	103109 Modem + instructions	180.00
191120	191093 Process monitor board + instructions	366.00
191121	191095 Power Supply Board + instructions	139.00
191040	4-20 mA Output Card	109.00
102456	Actuator, Motorized Ball Valve, 120V	668.00
102457	Actuator, Motorized Ball Valve, 240V	668.00
102585	Adaptor, WEL electrode, USA for standard 1¼" tee	33.00
191042	Analog Input Card	212.00
51371	Buffer, pH 10, pint	12.80
51369	Buffer, pH 4, pint	12.80
51370	Buffer, pH 7, pint	12.80
190765	Cable assembly, proportional, LMI connector	20.00
101156	Cable, 10 ft., BNC, for 101152 electrode	119.00
51160	Cable, 10 ft., threaded cap, BNC, CPVC	72.00
190949-10	Cable, 10 ft., to extend W300/400 ccond sensor, used with junction box	6.90
190949-100	Cable, 100 ft., to extend W300/400 ccond sensor, used with junction box	69.00
51160-20	Cable, 20 ft., threaded cap, BNC, CPVC	82.00
190949-25	Cable, 25 ft., to extend W300/400 ccond sensor, used with junction box	17.30
190949-50	Cable, 50 ft., to extend W300/400 ccond sensor, used with junction box	34.00
102588	Cable, 1 pair, shielded, 22 AWG	0.70/ft.
103006	Cable, 3 conductor for Hall Effect water meters and paddlewheel	0.80/ft
102535	Cable, 3 twisted pair, shielded, 24 AWG (used to extend pH/ORP/Cond)	1.90/ft
100084	Cable, 4 conductor with shield (to extend conductivity sensor cable)	0.70/ft
102410	Cable for flow switch extension	0.60/ft
191303	Cable, disinfection sensors, 20 ft.	84.00
191303-05	Cable, disinfection sensors, 5 ft.	69.00
190789	Cable, WCU/WNI sensor, 20 ft.	100.00
191094	CE Filter kit	130.00
190633	Circuit board assembly, back panel, all W-250/260	255.00
103421	Clip Ring	8.40
191192	Cond, electrodeless, active, submersion mounting, 20 ft. cable, PEEK, 1 - 10 mS/cm	961.00
191193	Cond, electrodeless, active, submersion mounting, 20 ft. cable, PEEK, 10 -100 mS/cm	961.00
191194	Cond, electrodeless, active, submersion mounting, 20 ft. cable, PEEK, 100 -1000 mS/cm	961.00
102080	Connector, BNC male solderable (use with WEL electrodes that contain preamp)	11.10
190792	Connector, WCU/WNI	54.00
191087	Contacting, 250 psi, no cable (boiler) with preamp and j-box	625.00
191087	Contacting, 250 psi, no cable (boiler) with preamp and j-box	625.00
190984-05	Contacting, PP/Graphite, 5 ft. cable, no tee (for use with flow switch manifold)	153.00
191096-05	Contacting, PP/stainless, 5 ft. cable, no tee (for use with flow switch manifold)	205.00
190799	Cooling coil (installed off-line), W300 series	397.00
190798	Cooling plate (installed in rinse tank), W300 series	791.00
191317-M	Core Board with Master Capability, WA500	656.00
191317	Core Board, WA500	450.00
191082	Core Card + memory module	718.00
191123	Core Card + memory module, WGI	718.00
191130	Core Card + memory module, WGI, CE approved	718.00
191129	Core Card + memory module, WMB, CE approved	718.00

Part No.	Description	Price
191128	Core Card + memory module, WMT, CE approved	718.00
191051	Core Card w/ memory module	718.00
191239	Core Interface Board	639.00
191379	Core Interface Board, WIND	639.00
191050	Core Interface Card	456.00
191125	Core Interface card, WGI	456.00
191265	Core, WIND	450.00
103320	Cover, WA500 Power Supply	36.00
190811	Degasser, PP, 3/8" O.D. tubing connection, W300 series	590.00
191041	Digital Input Card	160.00
191049	Display	128.00
102879-01	Elbow, 3/4" threaded, for 190986 electrode	33.00
103262	Electrode, Boiler/Condensate, no ATC, no Junction Box	195.00
190768	Electrode, Boiler/Condensate, no junction box	299.00
190762	Electrode, Boiler/Condensate, w/junction box	400.00
190986	Electrode, Conductivity, cooling tower, nut mount style	128.00
191097	Electrode, Conductivity, cooling tower, nut mount style (stainless steel)	179.00
190984	Electrode, Contacting Conductivity, Active, Graphite	153.00
191091	Electrode, High pressure, 300 psi, 3/4" NPTM with preamp	625.00
103061	Electrode, Conductivity, cooling tower, high pressure, 300 psi	523.00
WEL-MVF-21	Electrode, ORP, flat style, 20 ft. cable, submersion	383.00
191360	Electrode, ORP, flat style, 5 ft. cable, no tee, w/o temp comp	383.00
WEL-MVF-NN	Electrode, ORP, flat surface	169.00
102963	Electrode, ORP, high pressure, 12 ft. cable	335.00
51268	Electrode, ORP, insertion, flat, no cable, CPVC	230.00
WEL-MVR-22	Electrode, ORP, rod style, 20 ft. cable, in-line	478.00
WEL-MVR-21	Electrode, ORP, rod style, 20 ft. cable, submersion	415.00
WEL-MVR-NN	Electrode, ORP, rod-style platinum, for water with free halogen levels below 0.25 mg/l	201.00
WEL-PHF-12	Electrode, pH with preamplifier, ATC, in-line	465.00
WEL-PHF-22	Electrode, pH with preamplifier, in-line	420.00
WEL-PHB-NN	Electrode, pH, bulb surface	122.00
WEL-PHB-12	Electrode, pH, bulb, 20 ft. cable, in-line, w/tee, w/ temp comp	444.00
WEL-PHB-22	Electrode, pH, bulb, 20 ft. cable, in-line, w/tee, w/o temp comp	399.00
WEL-PHB-21	Electrode, pH, bulb, 20 ft. cable, submersion, w/o temp comp	336.00
WEL-PHB-11	Electrode, pH, bulb, 20 ft. cable, submersion, w/temp comp	381.00
191353	Electrode, pH, bulb, 5 ft. cable, no tee, w/o temp comp	336.00
191352	Electrode, pH, bulb, 5 ft. cable, no tee, w/temp comp	381.00
191357	Electrode, pH, bulb, HF resistant, 5 ft. cable, w/o temp comp	424.00
191356	Electrode, pH, bulb, HF resistant, 5 ft. cable, w/temp comp	469.00
WEL-PHF-NN	Electrode, pH, flat surface	143.00
WEL-PHLI-NN	Electrode, pH, flat surface, for water with conductivity below 100µS/cm	178.00
WEL-PHF-11	Electrode, pH, flat, 20 ft. cable, submersion	402.00
WEL-PHF-21	Electrode, pH, flat, 20 ft. cable, submersion, w/o temp comp	357.00
191351	Electrode, pH, flat, 5 ft. cable, no tee, w/o temp comp	357.00
WEL-PHH-NN	Electrode, pH, flat, HF resistant	169.00
WEI-PHH-21	Electrode, pH, flat, HF resistant 20 ft. cable, submersion, w/o temp comp	383.00
WEL-PHH-12	Electrode, pH, flat, HF resistant, 20 ft. cable, in-line, w/tee, w/ temp comp	491.00
WEL-PHH-22	Electrode, pH, flat, HF resistant, 20 ft. cable, in-line, w/tee, w/o temp comp	446.00
WEL-PHH-11	Electrode, pH, flat, HF resistant, 20 ft. cable, submersion, w/temp comp	428.00
191355	Electrode, pH, flat, HF resistant, 5 ft. cable, w/o temp comp	383.00
191354	Electrode, pH, flat, HF resistant, 5 ft. cable, w/temp comp	428.00
102029	Electrode, pH, high temp/pressure, 10 ft. cable	335.00

Part No.	Description	Price
51188	Electrode, pH, insertion, flat, no cable, CPVC	196.00
WEL-PHLI-11	Electrode, pH, low ionic strength (under 100 μ S/cm), 20 ft. cable, submersion, w/temp comp	437.00
WEI-PHLI-21	Electrode, pH, Low ionic strength (under 100 μ S/cm), 20 ft. cable, submersion, w/o temp comp	392.00
WEL-PHLI-12	Electrode, pH, low ionic strength (under 100 μ S/cm), 20 ft. cable, in-line, w/tee, w/temp comp	500.00
WEL-PHLI-22	Electrode, pH, low ionic strength (under 100 μ S/cm), 20 ft. cable, in-line, w/tee, w/o temp comp	455.00
191358	Electrode, pH, low ionic strength, 5 ft. cable	437.00
191359	Electrode, pH, low ionic strength, 5 ft. cable, w/o temp comp	392.00
51158	Electrode, pH, submersion, flat, no cable, CPVC	187.00
190918	Electrodeless input board	328.00
103475	Electrolyte, WCDB and WPAB	48.00
103474	Electrolyte, WFCB	34.00
103500	Electrolyte, WOZB	48.00
191043	Ethernet Card	530.00
190797-20	Extension cable, 20 ft., WCU sensors	81.00
190916-25	Extension cable, 25 ft., WEC sensor	55.00
190797-40	Extension cable, 40 ft., WCU sensors	105.00
190890-50	Extension cable, 50 ft., battery powered preamp	59.00
190916-50	Extension cable, 50 ft., WEC sensor	78.00
190890-75	Extension cable, 75 ft., battery powered preamp	69.00
190916-75	Extension cable, 75 ft., WEC sensor	102.00
190890-100	Extension cable, 100 ft., battery powered preamp	80.00
190916-100	Extension cable, 100 ft., WEC sensor	124.00
190890-125	Extension cable, 125 ft., battery powered preamp	91.00
100177-M	Fitting, 1/2" ID x 1/2" NPTM, for 1/2" diameter pH/ORP electrodes	9.20
190996	Float, for 191006 manifold	44.00
191289	Flow cell assembly, Cl, CLO ₂ , OZ, PAA	70.00
191279-R	Flow Cell Body	40.00
102881	Flow Switch Body (Tee)	25.80
191005	Flow switch manifold, dual pH/ORP	313.00
190826	Flow switch manifold, pH/ORP, 3/4" PVC	294.00
191006	Flow switch manifold, pH/ORP, used in options 4, 4T and 7	221.00
191008	Flow switch manifold, used with nut mount style cond. electrode +pH/ORP	262.00
191007	Flow switch manifold, used with nut mount style conductivity electrode	203.00
190997	Flow switch, 150 psi	119.00
190746-ORP	Front panel, W-250/260-ORP	192.00
190746	Front panel, W-250/260-pH	192.00
102148	Fuse, 1 Amp, 120V or 240 V, W-130/230 Series	2.30
103363	Fuse, 1/16 Amp, F1 for 240V W300 Series	3.40
102369	Fuse, 1/8 Amp, F1 for 120V W300 Series	3.40
102432	Fuse, 10 Amp, 120V W300 Series	3.40
100375	Fuse, 3.2 Amp, 240V, W-150/250 Series	5.90
102370	Fuse, 5 Amp, 240V W300 Series	3.40
100424	Fuse, 6 Amp, 120V, W-150/250 Series	2.50
102833	Fuse, F1, 1.6 amp	2.30
102834	Fuse, F2 and F3, 6.3 amp	3.40
102028	Gland, SS, high pressure, in-line	256.00
102027	Gland, SS, high temp/low pressure	250.00
191077	High pressure manifold, ccond	640.00
191078	High pressure manifold, pH/ccond	902.00
102582	Housing with ATC, 20 ft. coaxial cable	202.00
102606-5	Housing with preamplifier with 5 ft. cable	214.00
102581	Housing with preamplifier and ATC, 20 ft. cable	259.00

Part No.	Description	Price
102606	Housing with preamplifier, 20 ft. cable	214.00
102607	Housing, 20 ft. coaxial cable	162.00
102759	Housing, WEL electrode, with Pt 100 ATC, 20 ft. cable, BNC connector	202.00
190945	In-line adapter with nut, for 102730 PEEK sensor	119.00
191012	In-line mounting adapter w/nut, 316SS, for 102730 PEEK sensor	191.00
102817	In-line mounting adapter, CPVC, for 190954 WEC sensor	85.00
102693	In-line mounting adapter, WEL (metric)	33.00
102586	In-line mounting nut, WEL or other nut mount sensors	23.40
51203	Insertion Assy, 12" CPVC	353.00
51198	Insertion Assy/cable, 12", 20 ft. cable, ATC, smooth cap, BNC & bare wires, CPVC	557.00
190851	Junction box	64.00
190877	Kit, metric in-line mounting, WEL	65.00
102458	Kit, mounting, motorized ball valve, 1/2"	110.00
102460	Kit, mounting, motorized ball valve, 1"	110.00
102459	Kit, mounting, motorized ball valve, 3/4"	110.00
102461	Kit, repair, motorized ball valve, 1/2"	209.00
102463	Kit, repair, motorized ball valve, 1"	294.00
102462	Kit, repair, motorized ball valve, 3/4"	240.00
191038	Kit, US in-line mounting, 3/4" tee	65.00
190863	Kit, US in-line mounting, WEL	65.00
190819	Label/Panel Assy, WBL300	503.00
191154	Label/Panel Assy, WBL310	503.00
191394	Label/Panel Assy, WBL400-N	503.00
191449	Label/Panel Assy, WBL400-U	698.00
191395	Label/Panel Assy, WBL410-N	503.00
191450	Label/Panel Assy, WBL410-U	698.00
190818	Label/Panel Assy, WCM300	503.00
191398	Label/Panel Assy, WCM400-N	503.00
191453	Label/Panel Assy, WCM400-U	698.00
191102	Label/Panel Assy, WCT300-N (if serial no. is 020730xxxx or higher)	436.00
190817	Label/Panel Assy, WCT310-N	728.00
191392	Label/Panel Assy, WCT400-N	436.00
191447	Label/Panel Assy, WCT400-U	631.00
191393	Label/Panel Assy, WCT410-N	728.00
191444	Label/Panel Assy, WCT410-U	923.00
190853	Label/Panel Assy, WCU310	1,779.00
191407	Label/Panel Assy, WCU410-N	1,779.00
191462	Label/Panel Assy, WCU410-U	1,974.00
190894	Label/Panel Assy, WDB300	503.00
191396	Label/Panel Assy, WDB400-N	503.00
191451	Label/Panel Assy, WDB400-U	698.00
190895	Label/Panel Assy, WDC300	503.00
191399	Label/Panel Assy, WDC400-N	503.00
191454	Label/Panel Assy, WDC400-U	698.00
191343	Label/Panel Assy, WDIS310	703.00
191406	Label/Panel Assy, WDIS410-N	703.00
191461	Label/Panel Assy, WDIS410-U	898.00
191161	Label/Panel Assy, WDP315	603.00
190899	Label/Panel Assy, WDP320	603.00
191162	Label/Panel Assy, WDP325	603.00
191163	Label/Panel Assy, WDP345	603.00
190897	Label/Panel Assy, WDT310	707.00

Part No.	Description	Price
191409	Label/Panel Assy, WDT400-N	436.00
191464	Label/Panel Assy, WDT400-U	631.00
191397	Label/Panel Assy, WDT410-N	707.00
191452	Label/Panel Assy, WDT410-U	902.00
190891	Label/Panel Assy, WEC310	775.00
191405	Label/Panel Assy, WEC/WDEC410-N	775.00
191460	Label/Panel Assy, WEC/WDEC410-U	970.00
190854	Label/Panel Assy, WNI310	1,779.00
191408	Label/Panel Assy, WNI410-N	1,779.00
191463	Label/Panel Assy, WNI410-U	1,974.00
190800	Label/Panel Assy, WPH310	571.00
191159	Label/Panel Assy, WPH315	571.00
190852	Label/Panel Assy, WPH320	571.00
191160	Label/Panel Assy, WPH325	571.00
191400	Label/Panel Assy, WPH/WDP410-N	571.00
191455	Label/Panel Assy, WPH/WDP410-U	766.00
191401	Label/Panel Assy, WPH/WDP420-N	571.00
191456	Label/Panel Assy, WPH/WDP420-U	766.00
190964-3	Level switch, 3 ft. maximum depth	129.00
190964-5	Level switch, 5 ft. maximum depth	138.00
101661	Lithium Battery, W-150/250 Series	13.90
191349	Manifold, disinfection sensor	450.00
191009	Manifold, Flow Switch, Contacting Conductivity + Dual pH/ORP	329.00
191090	Manifold, Flow Switch, Contacting Conductivity + Dual pH/ORP, high press.	1202.00
191189	Manifold, Flow Switch, Contacting Conductivity, high pressure	546.00
191024	Manifold, Flow Switch, Electrodeless Cond. + Dual pH/OR	329.00
191024	Manifold, Flow Switch, Electrodeless Cond. + Dual pH/ORP	329.00
191022	Manifold, Flow Switch, Electrodeless Conductivity	203.00
191023	Manifold, Flow Switch, Electrodeless Conductivity + pH/ORP	262.00
191371	Manifold, High pressure pH or ORP	766.00
191373	Manifold, High pressure pH or ORP on Polypro panel	843.00
191372	Manifold, Two high pressure pH or ORP	1143.00
191375	Manifold, Two high pressure pH or ORP on Polypro panel	1220.00
191374	Manifold, Two low pressure pH or ORP on Polypro panel	354.00
103462	Membrane Cap, WCDB and WPAB	112.00
103463	Membrane Cap, WFCB	83.00
103498	Membrane Cap, WOZB	132.00
191052	Memory Module	139.00
191084	Memory Module	139.00
191124	Memory module, WGI	139.00
103269	Modbus upgrade code	489.00
191044	Modem Card	424.00
102448	Motorized ball valve, boiler, 1/2", 120V	1,033.00
102450	Motorized ball valve, boiler, 1", 120V	1,129.00
102449	Motorized ball valve, boiler, 3/4", 120V	1,090.00
103205	Networking "Master" upgrade code	206.00
103270	Networking "Master" upgrade code	515.00
103019	Null modem cable	16.50
190744	Option Board, 4-20 mA, W300 series	109.00
190820	Option Board, dual input, WDX300 series	383.00
191383	Option Board, 4-20mA Output, W400 Series	109.00
191384	Option Board, Conductivity, WDT400, WDB/WDC400 Series	383.00

Part No.	Description	Price
190809	Option Board, pH, WNI series	656.00
191385	Option Board, pH/ORP, WDT410 Series	383.00
102224	Orifice union, boiler, 1/2", w/4 plates	240.00
102226	Orifice union, boiler, 1", w/4 plates	296.00
102225	Orifice union, boiler, 3/4", w/4 plates	264.00
102919	O-ring, float retaining, for nut mount flow switch	2.30
103422	O-Ring, Washer	1.00
102594	O-Ring, FKM, for low pressure sensor mounting	6.40
51373	ORP calibration kit	105.00
WFP050	Paddlewheel w/ 1/2" mounting tee	460.00
WFP075	Paddlewheel w/ 3/4" mounting tee	466.00
WFP100	Paddlewheel w/ 1" mounting tee	466.00
WFP150	Paddlewheel w/ 1.5" mounting tee	466.00
WFP200	Paddlewheel w/ 2" mounting tee	477.00
WFP300	Paddlewheel w/ 3" mounting saddle	501.00
WFP400	Paddlewheel w/ 4" mounting saddle	571.00
WFP600	Paddlewheel w/ 6" mounting saddle	627.00
190810	pH electrode mounting adapter, 3/4"	45.00
190858	pH mounting adapter, 1 1/4" tee to 3/8" tubing	80.00
102943	Pigtail, 120VAC	5.20
191386	Power/Relay Board, WCT410	366.00
191387	Power/Relay Board, WCT400	164.00
191389	Power/Relay Board, WPH/WDIS410	355.00
191390	Power/Relay Board, WPH/WDP420	393.00
191391	Power/Relay Board, WDP440	413.00
191429	Power/Relay Board, WEC/WDEC/WDP410	366.00
191430	Power/Relay Board, WDT410	366.00
191431	Power/Relay Board, WDT400	366.00
191432	Power/Relay Board, WDB400	366.00
191433	Power/Relay Board, WDC400	366.00
191434	Power/Relay Board, WBL410	366.00
191435	Power/Relay Board, WCU410	366.00
191436	Power/Relay Board, WNI410	366.00
191437	Power/Relay Board, WNI411	366.00
191438	Power/Relay Board, WBL400	164.00
191439	Power/Relay Board, WCM400	164.00
191046	Power Supply, W700	145.00
191294	Power Supply, W800	145.00
191316	Power Supply - I/O Board, WA500	225.00
190754	Power Supply Board w/Fuse, WCT300, 120V	164.00
190756	Power Supply Board w/Fuse, WCT300, 240V	164.00
190753	Power Supply Board w/Fuse, WCT310, 120V	366.00
190755	Power Supply Board w/Fuse, WCT310, 240V	366.00
190904	Power Supply Board w/Fuse, WDT300, 120V	366.00
190905	Power Supply Board w/Fuse, WDT300, 240V	366.00
190906	Power Supply Board w/Fuse, WDT310, 120V	366.00
190907	Power Supply Board w/Fuse, WDT310, 240V	366.00
190803	Power Supply Board w/fuse, WNI/WCU310, 120V	366.00
190804	Power Supply Board w/fuse, WNI/WCU310, 240V	366.00
190805	Power Supply Board, 120 V, on/off, WPH310	366.00
190806	Power Supply Board, 120 V, proportional, WPH320, WDP320	393.00
191013	Power Supply Board, 120 V, WDP 320	393.00

Part No.	Description	Price
190908	Power Supply Board, 120 V, WDP310	355.00
190910	Power Supply Board, 120 V, WDP340	413.00
191344	Power Supply Board, 120V, WDIS310	355.00
190807	Power Supply Board, 240 V, on/off, WPH310	366.00
190808	Power Supply Board, 240 V, proportional, WPH310	393.00
191014	Power Supply Board, 240 V, WDP 320	393.00
190909	Power Supply Board, 240 V, WDP310	355.00
190911	Power Supply Board, 240 V, WDP340	413.00
191345	Power Supply Board, 240V, WDIS310	355.00
190619	Power Supply Board, W-251-pH/ORP	403.00
190620	Power Supply Board, W-252-pH/ORP	438.00
190628	Power Supply Board, W-261-pH/ORP	403.00
190627	Power Supply Board, W-262-pH/ORP	403.00
190980	Power Supply Board, WBL300, 120V	164.00
190981	Power Supply Board, WBL300, 240V	164.00
191155	Power Supply Board, WBL310, 120V	164.00
191156	Power Supply Board, WBL310, 240V	164.00
190982	Power Supply Board, WCM300, 120V	164.00
190983	Power Supply Board, WCM300, 240V	164.00
190900	Power Supply Board, WDB300, 120V	366.00
190901	Power Supply Board, WDB300, 240V	366.00
190902	Power Supply Board, WDC300, 120V	366.00
190903	Power Supply Board, WDC300, 240V	366.00
191168	Power Supply Board, WDP315, 120V	355.00
191169	Power Supply Board, WDP315, 240V	355.00
191170	Power Supply Board, WDP325, 120V	393.00
191171	Power Supply Board, WDP325, 240V	393.00
191172	Power Supply Board, WDP345, 120V	413.00
191173	Power Supply Board, WDP345, 120V	413.00
190912	Power Supply Board, WEC, 120 V	366.00
190913	Power Supply Board, WEC, 240 V	366.00
191164	Power Supply Board, WPH315, 120V	366.00
191165	Power Supply Board, WPH315, 240V	366.00
191166	Power Supply Board, WPH325, 120V	393.00
191167	Power Supply Board, WPH325, 240V	393.00
190783	Preamplifier assembly, high pressure pH/ORP	165.00
190829	Preamplifier, pH/ORP with BNC (for W-250/260 series)	184.00
102710	Preamplifier/ pH/ORP, battery powered for W-130/230 series	195.00
191314	Process Monitor Board, WA500	515.00
190865	Processor board, all W-250-ORP	347.00
190864	Processor board, all W-250-pH	347.00
190867	Processor board, all W-260-ORP	347.00
190866	Processor board, all W-260-pH	347.00
51372	Quinhydrone, 20 grams	73.00
102442	Reducing bushing, 1/2" x 3/4", for use with 190810 adapter	4.70
102922	Reducing bushing, 2" x 3/4" NPT	8.10
190914	Reed switch for 190770-10 flow switch, 10 ft. cable	96.00
190998	Reed switch, for nut mount manifold	67.00
191081	Relay Card, 4 powered blowdown, 4 dry alarm/feed	251.00
191048	Relay Card, 6 powered, dry contact alarm/bleed	251.00
191047	Relay Card, 7 powered, dry contact alarm	251.00
191080	Relay Card, 8 powered	251.00

Part No.	Description	Price
191122	Relay Card, 8 powered, WGI	251.00
103319	Ribbon Cable	20.00
103519	Rotameter	133.00
CP1-244	Sample pump, bellows, 120 V, 60 Hz	300.00
CP1-245	Sample pump, bellows, 240 V, 50 Hz	300.00
190921	Sample System, 120 VAC, 60 Hz (includes nickel & pH sensors)	3950.00
190922	Sample System, 240 VAC, 50 Hz (includes nickel & pH sensors)	3950.00
102540	Sample tubing, flow through sensor, WCU/WNI series	0.50/ft
191045	Sensor Input Card	208.00
191086	Sensor Signal Conditioning Card, for 190768 electrode	105.00
191198	Sensor, Contacting, PP/graphite, 20 ft. cable, in-line or submersion	216.00
191200	Sensor, Contacting, PP/stainless, 20 ft. cable, in-line or submersion	268.00
191362	Sensor, Chlorine Dioxide, 20 ft. cable	1413.00
WCDB-20	Sensor, Chlorine Dioxide, Flow Cell, 20 ft. cable	1483.00
191280	Sensor, Chlorine Dioxide, no cable	1380.00
WFCB-20	Sensor, Chlorine, Flow Cell, 20 ft. cable	1280.00
191364	Sensor, Econd, 0.1 - 1 mS/cm, 20 ft. cable, in-line w/mtg adapter, Active, CPVC	565.00
191367	Sensor, Econd, 0.1 - 1 mS/cm, 20 ft. cable, in-line w/mtg adapter, Active, PEEK	1117.00
191190-05	Sensor, Econd, 0.1 - 1 mS/cm, 5 ft. cable, no tee, no mtg adapter, Active, CPVC	446.00
191368	Sensor, Econd, 1 - 10 mS/cm, 20 ft. cable, in-line w/mtg adapter, Active, PEEK	1117.00
190988	Sensor, Econd, 1 - 10 mS/cm, 20 ft. cable, no tee, no mtg adapter, Active, CPVC	446.00
191108-05	Sensor, Econd, 10 - 100 mS/cm, 5 ft. cable, no tee, no mtg adapter, Active, CPVC	446.00
191365	Sensor, Econd, 10 - 100 mS/cm, 20 ft. cable, in-line w/mtg adapter, Active, CPVC	565.00
191369	Sensor, Econd, 10 - 100 mS/cm, 20 ft. cable, in-line w/mtg adapter, Active, PEEK	1117.00
191108	Sensor, Econd, 10 - 100 mS/cm, 20 ft. cable, no tee, no mtg adapter, Active, CPVC	446.00
191113-05	Sensor, Econd, 100 - 1000 mS/cm, 5 ft. cable, no tee, no mtg adapter, Active, CPVC	446.00
191366	Sensor, Econd, 100 - 1000 mS/cm, 20 ft. cable, in-line w/mtg adapter, Active, CPVC	565.00
191370	Sensor, Econd, 100 - 1000 mS/cm, 20 ft. cable, in-line w/mtg adapter, Active, PEEK	1117.00
191113	Sensor, Econd, 100 - 1000 mS/cm, 20 ft. cable, no tee, no mtg adapter, Active, CPVC	446.00
102730	Sensor, Econd, no mtg adapter, Passive, PEEK (donut shape)	1336.00
191145	Sensor, Econd, 20 ft. cable, Passive, PEEK	789.00
190954	Sensor, Econd, 20 ft. cable, Passive, CPVC	274.00
190785	Sensor, flow through, copper, WCU series	754.00
190784	Sensor, flow through, nickel, WNI series	754.00
191361	Sensor, Free chlorine, 20 ft. cable	1210.00
191300	Sensor, Free Chlorine, no cable	1177.00
190787	Sensor, immersible, copper, WCU series	1,191.00
191363	Sensor, Ozone, 20 ft. cable	1813.00
WOZB-20	Sensor, Ozone, Flow Cell, 20 ft. cable	1883.00
191320	Sensor, Ozone, no cable	1780.00
191350	Sensor, Peracetic acid, 2000, 20 ft. cable, no flow cell	1620.00
WPAB-20	Sensor, Peracetic Acid, Flow Cell, 20 ft. cable	1690.00
191338	Sensor, Peracetic Acid, no cable	1587.00
102571	Solenoid valve, boiler, 1/2", 0-100 psi, 120V	386.00
102219	Solenoid valve, boiler, 1/2", 100-300 psi, 120V	538.00
102572	Solenoid valve, boiler, 3/4", 0-100 psi, 120V	394.00
102220	Solenoid valve, boiler, 3/4", 100-300 psi, 120V	626.00
102014	Solenoid valve, cooling tower, 1/2"	186.00
102012	Solenoid valve, cooling tower, 1"	373.00
102013	Solenoid valve, cooling tower, 3/4"	217.00
190919	Submersion adapter, CPVC, for 102730 PEEK sensor	33.00
102999	Submersion mounting adapter, 316SS, for 102730 PEEK sensor	328.00

Part No.	Description	Price
191020	Switch & Float assembly	112.00
102962	Switch, flow switch manifold, high pressure	355.00
102804	Tee, 1 1/4", CPVC	16.10
102602	Tee, 1 1/4", PVC	12.80
102884	Tee, 3/4" threaded, for 190986 or WEL electrode	33.00
102921	Tee, 2" NPTF, PVC	33.00
190915	Test lead kit, WEC	1.10
102495	Tubing union, WCU/WNI series	4.70
102452	Valve, ball, 1/2", NPT	228.00
102454	Valve, ball, 1", NPT	373.00
102453	Valve, ball, 3/4", NPT	281.00
190833	Valve, flow control, boiler, 1/2", 150 psi	508.00
190834	Valve, flow control, boiler, 1/2", 300 psi	738.00
190831	Valve, flow control, boiler, 3/4", 150 psi	586.00
190832	Valve, flow control, boiler, 3/4", 300 psi	847.00
102569	Valve, needle, 1/2" NPT, PP	152.00
102387	Valve, sample, for flow switch manifolds	24.50
103419	Washer Set	29.00
WFM072-0	Water meter contactor, 3/4"	213.00
WFM151	Water meter contactor, 1 1/2"	530.00
WFM102-0	Water meter contactor, 1"	285.00
WFM152-0	Water meter contactor, 1.5"	530.00
WFM101	Water meter contactor, 1"	285.00
WFM202-0	Water meter contactor, 2"	663.00
WFM201	Water meter contactor, 2"	663.00
WFM071	Water meter contactor, 3/4"	213.00

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