

# **Thermax® CP5**

**PROFESSIONAL HOT WATER EXTRACTION CLEANING SYSTEM**

## **OWNER/ OPERATOR MANUAL**



 **Thermax**

Products for a Healthier Indoor Environment

**thermaxaf.com**  
**1-888-764-3700**

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## MESSAGE FROM THE CORPORATE OFFICE



Todd Walker, CFO,  
Jason Davis, CEO,  
and Mark Rodie, COO

Congratulations on the purchase of your new Thermax CP5 Professional Hot Water Extraction Cleaning System! In 1971, Thermax founder Carl Parise developed the world's first UL approved carpet steam cleaner for the U.S. market, and has since produced over 500,000 units sold worldwide. We have adopted our own brand name, Thermax, which is rapidly becoming a household name, synonymous with the industry.

In an industry full of competition and choices, we at Thermax are grateful for your wise choice of the Thermax CP5, and we look forward to a lasting relationship as we service all your business needs.

Your new CP5 is a high performance workhorse. When maintained and operated in accordance with this owner/operator manual, it will give you years of quality service.

For over three decades, Thermax has produced fine quality, portable, hot water extraction cleaning systems for the home, hotel/motel, auto detail, janitorial, as well as other commercial markets. The Thermax CP3 portable rental system pioneered the do-it-yourself rental steam cleaner\* market, introducing America to a new way to clean carpets.

Our company and staff subscribe to the philosophy that our relationship with you the customer doesn't end with the sale, it only begins. If there is any area in which we can be of service, please call the Thermax Customer Support Center at 1-888-764-3700.

Thank you for joining the ever-growing family of Thermax owners. Here's to many years of use and, most importantly, here's to a healthier indoor environment.

*\*Steam cleaning is the generic technology used to describe the hot water extraction process of cleaning carpet.*

## IDENTIFYING FEATURES



- 1) Clean Solution Tank (stationary)
- 2) Lid, Solution Tank Fill Hole
- 3) Recovery Waste Tank (removable)
- 4) Recovery Tank Dome and Vacuum Seal
- 5) Power Cord
- 6) Preheat Switch with Indicator Light
- 7) Vacuum Switch
- 8) Pump Switch
- 9) Brass Female Quick Connect Coupling  
for the Solution Hose
- 10) Vacuum Inlet/Vacuum Hose Connector

## INSPECTION UPON DELIVERY

Carefully unpack and inspect the Thermax CP5 and be sure all components ordered are included. Orders might be packed in more than one box.

**NOTE:** Contact the carrier immediately regarding any damage incurred during shipping as it is your responsibility to file a damage claim with the carrier.

## IMPORTANT SAFETY INFORMATION

- 1) Do not leave plugged in while unattended.
- 2) Do not operate heater while solution tank is empty.
- 3) To prevent the possibility of electrical shock, always unplug the system from the main power source before physically inspecting or attempting to repair the system.
- 4) Inspect system daily, especially when used by someone else. Inspect for damaged components such as loose wires, frayed cords, missing ground pin, etc.
- 5) Only operate system when it is properly grounded. Improper grounding could result in serious or fatal shock!
- 6) When operating the system around water, during flood restoration, etc., always outfit yourself properly with rubber-soled shoes or rubber boots and do not set system in standing water.
- 7) To keep from voiding your warranty, use only those cleaning solutions manufactured by Thermax and never use solvent based products.
- 8) After use, always thoroughly rinse and clean both recovery and solution tanks. If using recovery tank to store hoses, or other miscellaneous items, always clean items before storing them in tanks.
- 9) Do not operate solution pump dry.
- 10) Do not store where temperatures drop below freezing, as this may damage the pump.
- 11) Always use Defoamer in recovery tank to prevent the motor from being damaged from water ingestion and/or over-foaming.
- 12) Extension cord should have a minimum rating of 12/3 (#12 cord). Extension cord should not exceed 50 feet.
- 13) Never open up the system when there is water in either the solution or recovery tank, remove the solution and waste water first.

## SET-UP PROCEDURE

- 1) Pre-mix cleaning solution as required for specific application in a five gallon (19 liter) pail. Pour pre-mixed solution through solution fill hole of system (page 3, #2).

**NOTE:** This system has a built-in solution heat maintenance feature, start with hot water if possible. Hot water is hygienic and maximizes cleaning potential.

- 2) Add appropriate amount of Defoamer to the recovery tank (page 3, #3).
- 3) Connect end of the vacuum hose to the vacuum inlet connector (page 3, #10).
- 4) Connect male end of the solution hose to female quick-connect coupling (page 3, #9), and female end of solution hose to the male end of the cleaning wand.
- 5) With solution tank full and vacuum and solution hoses properly connected, plug main power cord (page 3, #5) into properly grounded outlet.

**NOTE:** Plug the cord into an outlet that will be out of the way of the cleaning path, ideally a 20 amp circuit when available.

- 6) Your system is now ready for operation.

**NOTE:** The preheat setting can be activated by switching to the "ON" position. This setting activates 1800 watts of heating power. When the solution reaches approximately 175° F, it will automatically shut off as indicated by the preheat indicator light turning off on the switch panel. The preheat system will turn on and off as necessary to maintain 175° while preheat is in the "ON" position.

- 7) Once pre-spray, furniture removal and other carpet preparation is complete, proceed to clean carpet and/or upholstery.

**NOTE:** Preheat switch can now be activated to "OFF" position. The system is designed so the vacuum or pump switch will not function unless the preheat switch is in "OFF" position. Pump and vacuum switches may be activated independently or in tandem when preheat switch is in "OFF" position.

## EXTRACTION CLEANING PROCEDURE

- 1) With solution up to temperature and all hoses attached appropriately, set the preheat switch to "OFF" position, then activate the pump switch to "ON" position.
- 2) Turn the vacuum switch to "ON" position.
- 3) Start in area of the room opposite from where you want to end.
- 4) Place wand about 4 feet in front of you.
- 5) Activate the solution spray trigger of wand.
- 6) Laying down an even spray of solution, pull the wand back towards you slowly.
- 7) Release the solution spray trigger and move the wand slowly forward over the same area just cleaned to recover additional solution left behind. Repeat this process several times depending on the degree of carpet soiling then move over the width of the wand, overlapping slightly to prevent streaking. For best results, work in approximately 4 foot wide sections and always be sure to remove as much solution from the carpet as possible as this will minimize drying time.
- 8) When solution tank is empty and needs refilling, shut system down and repeat step 1 of "Set Up Procedure".
- 9) Empty the recovery tank at the same time you refill the solution tank.
- 10) Add more Defoamer into the recovery holding tank (step 2 of "Set-Up Procedure").

**NOTE:** With solution tank full and recovery tank empty, the system is now ready to continue cleaning. Continue the process until cleaning is complete.

## SYSTEM CLEAN-UP

When the carpet cleaning process is complete, it's time to clean the system. De-activate all switches to "OFF" position.

- 1) Empty and rinse recovery tank.
  - 2) Empty solution tank.
    - a. To empty solution tank set the preheat switch to "OFF" position. Now activate "VACUUM" switch to "ON" position.
    - b. With vacuum hose still connected to the inlet and vacuum running, drop the end of the vacuum hose (opposite the end plugged into the vacuum inlet) down through the solution tank fill hole (page 3, #2) and SLOWLY remove the unused solution from the solution tank until empty. The system will transfer the solution to the recovery waste tank for disposal. In the process, the solution cleans out the inside of the vacuum hose.
- NOTE:** Take caution to remove the solution SLOWLY! Make sure to rinse solution tank with the plain hot water to minimize chemical build-up. After rinsing solution tank, transfer rinse water in the same manner mentioned above.
- c. Deactivate and unplug the system
  - d. Empty the recovery tank and clean.
  - e. Remove vacuum and solution hose from system. Wipe down all exterior areas of the system.
- 3) Your CP5 system is now ready for storage until the next job!

## GENERAL SYSTEM MAINTENANCE

**DAILY** (At the conclusion of each work day)

- 1) Empty, rinse and clean solution and recovery tanks with plain hot water thoroughly cleaning dirt and obstructions from inside the tanks.
- 2) Clean vacuum and solution hoses thoroughly.
- 3) Run plain hot water through solution tank and pump to prevent any chemical build-up.
- 4) Wipe down all exterior surfaces with an all-purpose type cleaner, then apply a light coat of vinyl protectant to all exterior surfaces.
- 5) Lubricate couplings, hinges and wheels with silicone-type spray.
- 6) Inspect the solution tank filter and recovery tank dome filter for hair and debris. The filter should always be kept clean and unobstructed.
- 7) Inspect electrical cord for damage or fraying and repair as necessary.
- 8) Store unit away from direct sunlight and freezing temperature.

### **MONTHLY**

- 1) Inspect internally for:
  - a. Loose nuts and/or screws
  - b. Leaking hoses
  - c. Loose wiring
  - d. Anything that doesn't appear correct
- 2) Flush the system with 2 cups white vinegar per gallon of hot water solution. Follow by circulating plain hot water through the system via the solution tank. This helps reduce and neutralize any alkalai and chemical build-up.

**NOTE:** To prevent shock hazard, remember to unplug main power source before inspection or repair of the system.

### **ANNUALLY**

We recommend that your system be inspected once a year by an authorized Thermax service technician. For the location of your nearest Service Center, call 1-888-764-3700 or go to [thermaxaf.com](http://thermaxaf.com).



## OPTIONAL PACKAGES & ACCESSORIES

The following optional packages and accessories do not come standard with your CP5. Contact your local distributor or the Corporate Office to receive details on how to purchase these items.



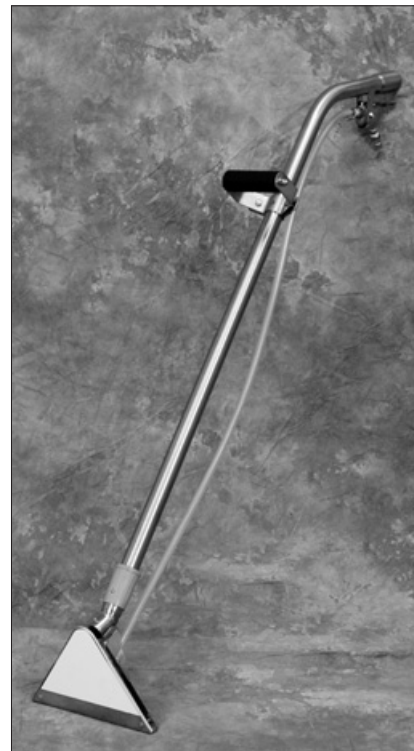
DELUXE CONTRACTOR PACKAGE  
PART # D-CONTR-5  
Includes: 15' Hide-A-Hose, Clear View  
Floor Wand & Upholstery Wand



CLEARVIEW  
UPHOLSTERY TOOL  
PART # 35-255-005



15' HIDE-A-HOSE  
PART # 15-HAH-5



CLEAR VIEW FLOOR WAND  
PART # 29-771-00



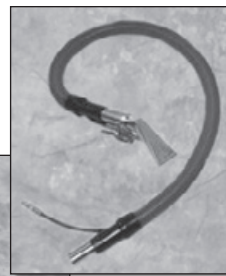
STAINLESS STEEL  
FLOOR WAND  
PART # SS-FW-12



SWIVEL HEAD SQUEEGEE  
PART # 12-SQU-12



## OPTIONAL ACCESSORIES CONTINUED



DELUXE AUTO DETAIL PACKAGE  
PART # D-AUTO-5  
INCLUDES: 6' HAH W/BUILT-ON SS  
DETAILER, SS CREVICE TOOL, 15' HAH



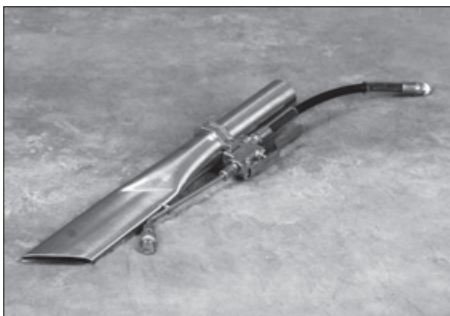
15' HIDE-A-HOSE W/  
BUILT-ON SS DETAILER  
PART # U1570-15-CP5



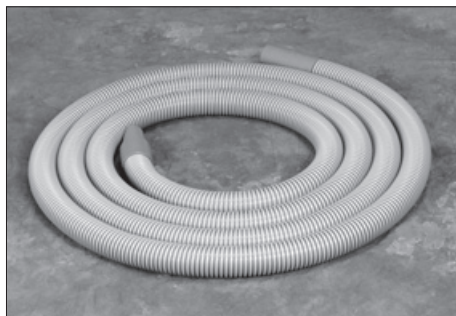
6' HAH W/BUILT-ON SS DETAILER  
PART # 29-767-00-1



STAINLESS STEEL  
UPHOLSTERY WAND  
PART # SS-UW-12



SS CREVICE TOOL  
PART # 29-765-00-1



15' HIGH-PRESSURE SOLUTION HOSE  
PART # 20-151-002-1

## SYSTEM CLEANING SOLUTIONS

Over thirty-five years of extensive field use and refinement have proven our safe and effective cleaning solution formulas. Thermax has a product for just about every carpet cleaning application. Formulated specifically to be used in conjunction with Thermax carpet cleaning systems the products and their application are further defined below.



**LIQUID CARPET & UPHOLSTERY CLEANER (6060-I):** (32oz.) Designed to lift oils, stains, and deeply embedded soils from carpet & upholstery for easy extraction. Professionally formulated to dispense a perfect blend of gentle yet effective cleansing agents for cleaning carpets. Cleans and brightens leaving carpets soft to the touch with no "soapy" residue.



**CITRUS DEODORIZER (5080-I):** (32oz.) While steam cleaning, it neutralizes and removes offensive odors from carpet & upholstery at their source, especially pet urine, smoke and other organic matters. Leaves a fresh, pleasant scent.



**PRE-SPOTTER STAIN & PET ODOR ELIMINATOR (5150-I):** (32oz.) Activated by Bio-Enzymes, liquifies and digests organic waste through beneficial bacterial enzyme action. Eliminates old and new odors at their source and is safe to use around pets, humans, and environment. No harsh chemicals. Loosens stubborn stains, oils, and dirt from the fibers for easy removal with any Thermax system.



**DEFOAMER (6070-I):** (32oz.) Defoamer is used in the solution recovery tank to control potentially damaging foam build-up within the tank. Every carpet being cleaned contains foreign matter within its fibers which has a tendency to excessively foam when extracted into the recovery tank.



**CARPET GUARD (6110-I):** (32oz.) Protects against stains and makes your carpet an upholstery much easier to clean keeping it looking newer longer. This product is a non-staining liquid which provides soil and water resistance to fabrics. By partially inhibiting fabric friction, it also increases the life of the fabric and carpeting.

## AIR PURIFIERS AND SOLUTIONS

### Mini-Max® Mini-Max<sub>2</sub>®



**COVERS  
800 SQUARE FEET**



**COVERS  
300 SQUARE FEET**

#### THE MINI-MAX® AND MINI-MAX<sub>2</sub>® WATER-BASED AIR PURIFIER AND FRESHENERS:

The Mini-Max® and Mini-Max<sub>2</sub>® water-based air fresheners work off the same concept as the AF2, using the deodorizers and aromatizers listed below to freshen the air in your home. (The Mini-Max® kit includes an 8 oz. Aqua Blue and .25 oz. Mulberry, Eucalyptus/Menthol, and Italian Cream Cake aromatizers. The Mini-Max<sub>2</sub>® kit includes a .25 oz. China Rose aromatizer.)



#### AQUA BLUE DEODORIZER & SANITIZER: (19-310-08-I) 8 oz.

This is a concentrated blend of proprietary elements that therapeutically clean and freshen your indoor environment, neutralizing any harmful germs and bacteria when used as directed. Just add the required amount into the water of the recovery/ filtration tank before and during vacuuming with the AF or freshening with the Mini-Max to achieve the desired result. Your home will permeate with a fresh, clean, healthy aroma!



#### AROMATIZERS:

Contact your local distributor, visit [thermaxaf.com](http://thermaxaf.com), or call 1-888-764-3700 to order the fragrance of your choice. Each bottle is sold separately, and contains 1.6 oz oil-based solution used for leaving an aromatizing scent behind while purifying the air and are available in Mulberry, Eucalyptus/Menthol, Cinnamon & Spice, Vanilla, Lemon, Lavender, Citronella, Italian Cream Cake, and China Rose. Lavender helps reduce the pain of headaches and soothes the mind.

## ADDITIONAL COMMERCIAL UNITS

**Also available to make your job easier, the Thermax DV12 or the CP3 gives you the power and efficiency to clean carpets and upholstery in both commercial and residential settings.**



### **THERMAX DV12**

The Thermax DV12 is an industry proven performer, built to endure the most demanding carpet and upholstery extraction cleaning applications. Constructed in a portable footprint easily operated by one individual, the DV12 is designed to attain the highest level of professional cleaning results!

- Powerful dual two-stage vacuum motors for increased recovery speed and quickest drying time (165" water lift).
- Built-in 1800-watt solution heating system for uniform temperature control (up to 175°).
- 11-Gallon hygienic stainless steel solution tank.
- 12-Gallon hygienic stainless steel recovery tank.
- High-impact, chemical resistant housing with conditional lifetime warranty—virtually indestructible.
- 100 psi high-efficiency demand solution pump.
- Multi-option wand and hose packages for vacuum and extraction versatility are available.



### **THERMAX CP3**

The CP3 is Thermax's newest industrial steam cleaner, which aggressively removes dirt, grime, odors and other embedded pollutants with unmatched efficiency.

- Powerful two-stage vacuum motor (112" water lift) for faster cleaning, increased recovery speed and quick drying time.
- Built-in 300-watt solution pre-heating system for quick, uniform temperature control (up to 135°).
- 3-Gallon hygienic stainless steel solution tank.
- 3-Gallon stainless steel recovery tank.
- Single 25' power cord for one circuit operation.
- 60 psi high-efficiency demand solution pump.
- Contact corporate office to check on available territory and become a Rental Center Distributor.

**Thermax Steam Cleaning Solutions are also available for purchase in commercial sizes of one, five, or fifty-five gallon.**



## **Thermax Rental Centers**

**Offer your customers the World's Best Carpet Steam Cleaner.**





## THERMAX CP5 SPECIFICATIONS

### DIMENSIONS:

- Length ..... 28"
- Width ..... 17"
- Height ..... 26"
- Weight ..... 49 lbs.

### RECOVERY TANK:

- Hygienic Stainless Steel
- 5 U.S. Gallons

### SOLUTION TANK:

- Hygienic Stainless Steel
- 5 U.S. Gallons
- 1800 Watt Heating Element

### ELECTRICAL:

- 120 Volt AC
- 12 AMP
- 50/60 HZ
- CE

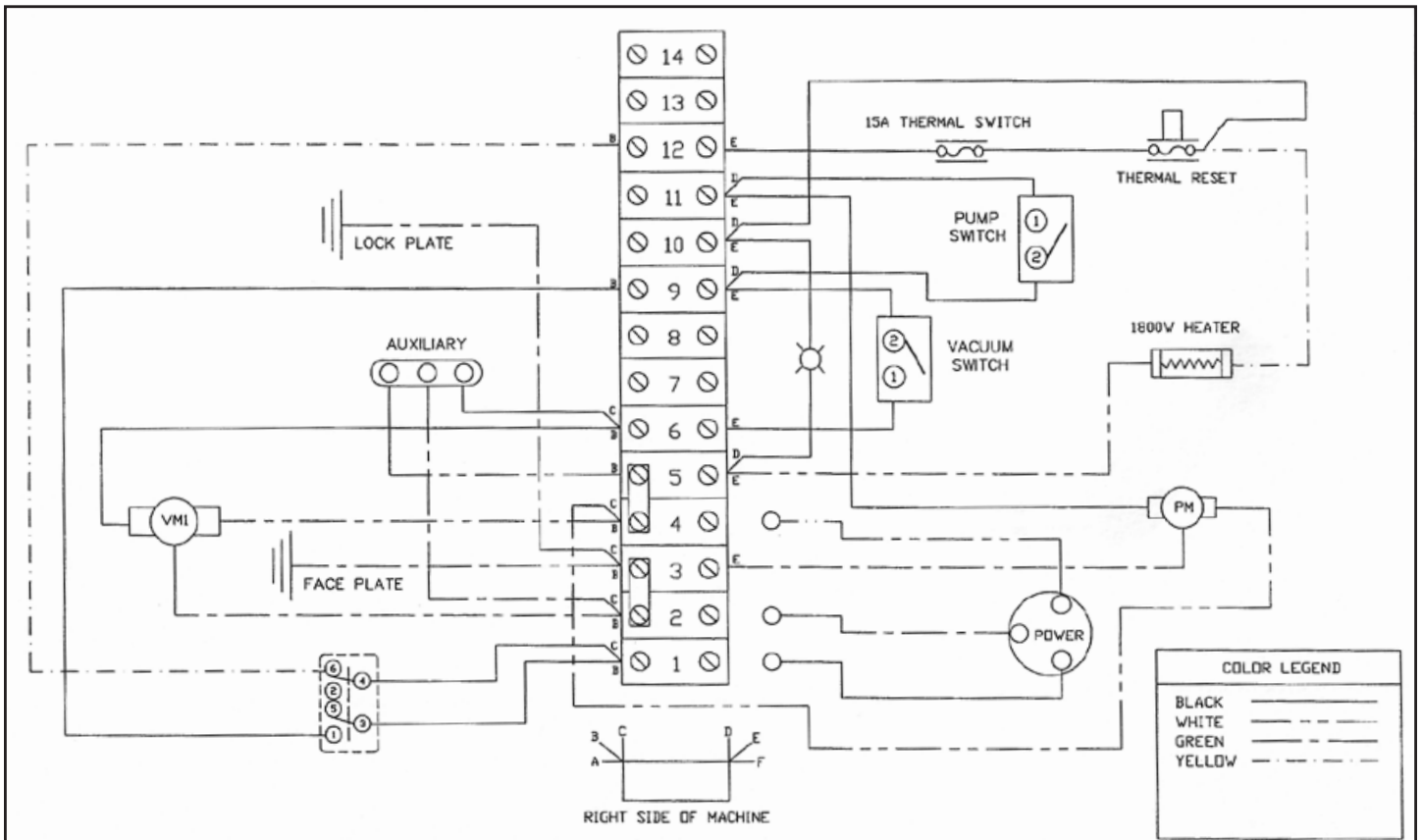
### VACUUM MOTOR:

- 2-Stage By-Pass
- 112" Water Lift

### PUMP:

- 100 P.S.I.
- Diaphragm Demand with Bypass

## THERMAX CP5 WIRING DIAGRAM



## TROUBLESHOOTING

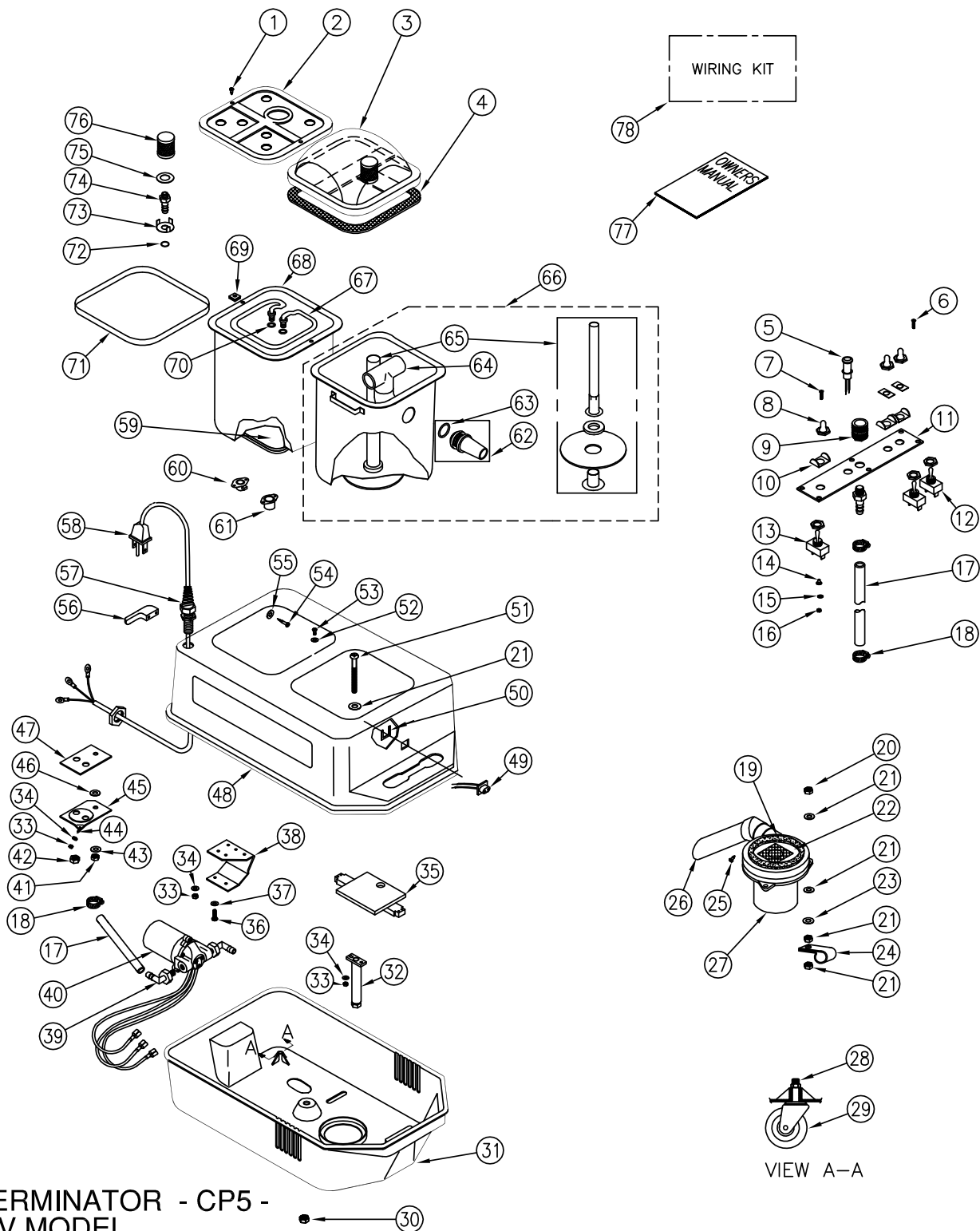
CONDITION	CAUSE	CORRECTION
System Will Not Operate	<ol style="list-style-type: none"> <li>1) Plugged into dead outlet</li> <li>2) Blown fuse or breaker</li> <li>3) Defective power cord</li> <li>4) Defective switch</li> <li>5) Loose wiring</li> <li>6) Improper connection</li> </ol>	<ol style="list-style-type: none"> <li>1) Plug into live grounded outlet</li> <li>2) Replace fuse or breaker</li> <li>3) Replace power cord</li> <li>4) Replace switch</li> <li>5) Properly connect wiring</li> <li>6) Press tightly into outlet</li> </ol>
Vacuum Motor Will Not Run	<ol style="list-style-type: none"> <li>1) Preheat switch in "ON" position</li> <li>2) Loose wiring</li> <li>3) Defective vacuum switch</li> <li>4) Defective vacuum motor</li> </ol>	<ol style="list-style-type: none"> <li>1) Set switch to "OFF" position</li> <li>2) Tighten and connect wiring</li> <li>3) Replace vacuum switch</li> <li>4) Replace vacuum motor</li> </ol>
Pump Will Not Run	<ol style="list-style-type: none"> <li>1) Preheat switch in "ON" position</li> <li>2) Defective pump switch</li> <li>3) Loose wiring</li> <li>4) Clogged spray jet</li> <li>5) Lint buildup in hose coupling</li> <li>6) Kink in solution hose</li> <li>7) Defective pump</li> <li>8) Defective pressure switch</li> </ol>	<ol style="list-style-type: none"> <li>1) Set switch to "OFF" position</li> <li>2) Replace pump switch</li> <li>3) Tighten and connect wiring</li> <li>4) Remove blockage</li> <li>5) Disassemble and remove lint</li> <li>6) Straighten hose</li> <li>7) Replace pump</li> <li>8) Replace pressure switch</li> </ol>
Pump Runs But Will Not Spray/Weak Spray	<ol style="list-style-type: none"> <li>1) Solution tank empty</li> <li>2) Obstructed spray jet</li> <li>3) Obstructed hose coupling</li> <li>4) Obstructed solution filter</li> <li>5) Hose damage</li> <li>6) Pump components wearing out</li> </ol>	<ol style="list-style-type: none"> <li>1) Refill solution tank</li> <li>2) Remove blockage</li> <li>3) Remove obstruction</li> <li>4) Clean filter</li> <li>5) Replace necessary hose</li> <li>6) Replace pump</li> </ol>
Loss of Vacuum Suction	<ol style="list-style-type: none"> <li>1) Recovery dome not seated</li> <li>2) Obstruction in vac hose</li> <li>3) Obstruction in wand</li> <li>4) Screen filter clogged</li> <li>5) Recovery dome needs gasket</li> </ol>	<ol style="list-style-type: none"> <li>1) Re-seat for better seal</li> <li>2) Remove obstruction</li> <li>3) Remove obstruction</li> <li>4) Remove debris</li> <li>5) Replace dome gasket</li> </ol>
Water will not heat	<ol style="list-style-type: none"> <li>1) Thermo reset switch tripped</li> <li>2) Heater element damaged</li> <li>3) Defective thermo disk</li> <li>4) Defective preheat switch</li> <li>5) Heater not activated</li> </ol>	<ol style="list-style-type: none"> <li>1) Reset thermo reset switch</li> <li>2) Replace heater</li> <li>3) Replace thermo disk</li> <li>4) Replace preheat switch</li> <li>5) Switch Preheat to "ON" position</li> </ol>
No indicator light on	<ol style="list-style-type: none"> <li>1) Faulty indicator light</li> <li>2) Solution up to temperature</li> </ol>	<ol style="list-style-type: none"> <li>1) Replace indicator lamp</li> <li>2) No action required</li> </ol>



# THERMAX CP5 SCHEMATIC

REV. A

**Thermax**



**THERMINATOR - CP5 -  
120V MODEL**

75-060-120

1/3/03

E75-060-120A.DWG

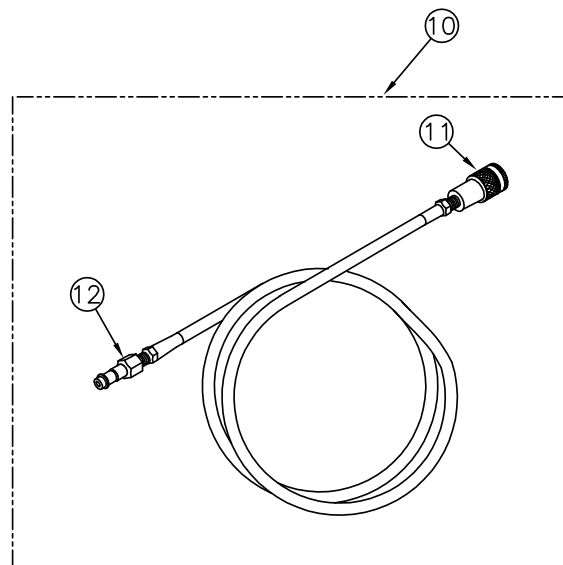
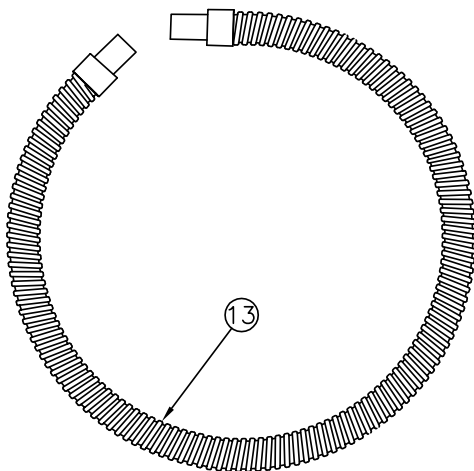
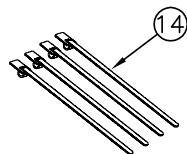
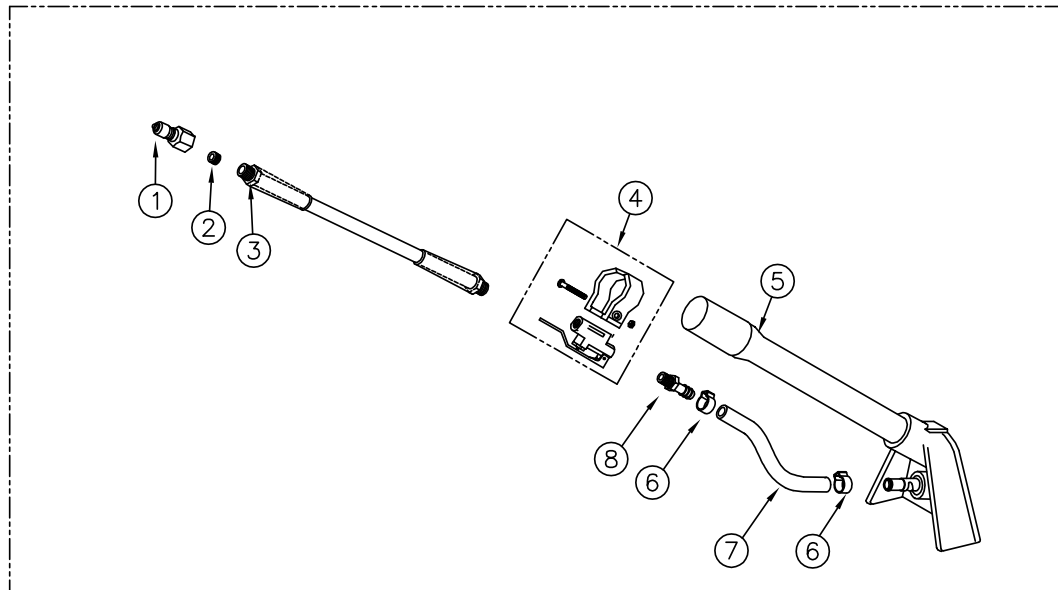
## THERMAX CP5 PARTS LIST

ITEM NO.	THERMAX NO.	DESCRIPTION	ITEM NO.	THERMAX NO.	DESCRIPTION
1	04-091-01	SCREW, #8 X .5", PH, PHIL, "B", SS	42	04-309-00	NUT, 5/18, HEX, BRASS
2	01-278-103	LID, SOLUTION, CP5	43	04-276-00	WASHER, WAVE SPRING, .760 OD
3	24-005-241	ASSY, DOME w/GASKET, SMOKE, CP5	44	04-005-00	SCREW, 8-32 X .375 ZINC
4	23-005-005	GASKET, DOME, CP3, 5, 12	45	03-004-00	PLATE, LOCK, CP5
5	32-578-121	KIT, PILOT LIGHT, 120V, 16" CP3/CP5	46	04-218-00	WASHER, FLAT, .625 X 1.125, ZINC
6	04-054-00	SCREW, #8 X .5", PH, PHIL, HILO, ZINC	47	05-306-00	SHIELD, HEAT, SMALL, CP5
7	04-037-00	SCREW, 6-32 X 1", PH PHIL, 18/8 SS	48	34-121-04	ASSY, UPPER CASE, ASSY
8	02-760-01	COVER, SWITCH, BLK, CP3/5, #1100	49	02-785-00	RECEPTACLE, AUX, CP3/CP5
9	03-455-02	DISCONNECT .375' BARB (FEMALE DISC)	50	04-456-01	RETAINER, AUX OUTLET, SPRING STEEL
	09-504-00	REPAIR KIT, DISC., .375" BARB	51	04-021-00	SCREW 1/4-2 X 3.5, RH, PHIL, SS
10	03-077	GUARD, SWITCH, CP3/CP5	52	04-281-00	WASHER #8, SEALING, SS, NEO
11	06-546-00	PLATE, FACE, 3 SWITCH, CP5	53	04-041-00	SCREW, 8-32 X .75, RH, PHIL, SS
12	02-514-00	SWITCH, TOGGLE, (VAC & PUMP) CP3/CP5	54	04-056-01	SCREW, #10-32 x 1.0, PH, PHILL, SS
13	02-513-00	SWITCH, TOGGLE, (HTR) CP5 #2GL71-78	55	04-231-01	WASHER, FLAT, #10 X .75, ZINC
14	02-751-00	EYLET, INSERT, CP3/CP5	56	01-069-00	CLIP, CORD, BLACK, CP3/CP5
15	04-252-00	WASHER, #6, INT LOCK	57	27-274-002	ASSY, STRAIN RELIEF
16	04-301-00	NUT, 6-32, HEX CAD	58	27-001-111	ASSY, POWER CORD, 14-3, RING TERM
17	05-018-00	HOSE .375", PVC, - PRICE/FOOT	59	05-305-04	SHIELD, HEAT, LARGE TANK, CP5
18	04-371-00	CLAMP, WORM, .312"	60	02-680-00	SWITCH, THERMAL RESET
19	05-210-01	GASKET, .125 THK X 6.75 OD, VAC MTR	61	02-677-00	SWITCH, THERMAL, 15A, 1.5"
20	04-304-00	NUT, 1/4 -20, HEX CAD	62	23-035-002	ASSY, INLET, 1.25, SLP, CP3/CP5
21	04-232-00	WASHER, FLAT, .25 X 1, SS	63	05-255-00	O-RING, 1.046 ID, INLET, CP3/CP5
22	03-704	SCREEN, #304 SS WIRE, 4" SQUARE	64	23-050-095	ASSY, T & ELBOW
23	04-256-00	WASHER, .25", INT LOCK			(obsolete, replace with 23-035-002 & 01-359-00)
24	04-362-00	CLAMP, .75", NYLON	65	22-116-01	ASSY, RISER TUBE, CP3/CP5
25	04-121-01	SCREW, 8-32 X .375", HX, SLOT, EXT SEM	66	22-005-095	ASSY, RECOVERY TANK, CP5
26	26-056-000	ASSY, EXHAUST, CP5	67	25-303-120	ASSY, HEATER, 120V, 1800W, CP5/DV12
27	30-110-120	ASSY, VAC MOTOR, CP5	68	03-207-04	TANK, SOLUTION, CP5
28	04-324-00	NUT, 3/8-16, LOCK	69	04-334-00	CLIP, TINNEMAN, U TYPE
29	03-602-02	CASTER, CP3/CP5	70, 72	05-264-00	O-RING, .546 ID, OUT & HEATER SEAL
30	04-322-00	NUT, 1/4 -20, NYLOCK	71	05-346-00	TANK BAND
31	36-003-108-2	ASSY, LOWER CASE, GRAY, CP3/CP5	73	03-043-01	RETAINER, LINT FILTER, CP3/CP5/CP12
32	37-050-000	ASSY, BRACKET, UPPER/LOWER CASE	74	03-464-01	FITTING, SOLUTION TANK, INLET
33	04-302-00	NUT, 8-32, HEX CAD	75	05-216-01	GASKET, 2" OD x .125", w/ADH, LINT FLTR
34	04-253-00	WASHER, #8, INT LOCK	76	37-706-000	ASSY, SOL FILTER, COM'L
35	33-777-120-1	ASSY, TERMINAL BLOCK, 120V, CP5	77	06-313-03	MANUAL, OWNERS, CP5
37	04-273-20	WASHER, #10 LOCK	78	33-750-120	WIRING KIT CP5
38	03-018-02	PLATE, PUMP, CP5	79	06-385-01-1	3-YEAR CP3/5/12 WARRANTY CARD
39	03-468-00	FITTING, 3/8 NPT X 3/8 BARB, BRASS		06-158-01-2	LABEL, THERMAX, RED
40	31-178-00	ASSY, PUMP, 120V, 100PSI, CP5/CP12		06-245-03	LABEL, INDOOR USE ONLY
	94-229-05	PRESSURE SWITCH, SHURFLO 100 PSI		06-248-00	LABEL, POWER CORD CP3
41	04-306-00	NUT, 9/16 -18, HEX JAM		06-251-00	LABEL, WARNING, HOT TANK, CP5

See your local distributor  
for any other items, solutions, and spare parts or visit [thermaxaf.com](http://thermaxaf.com).

# DETAIL PACKAGE SCHEMATIC

REV. C



## DETAIL PACKAGE, CP3/CP5

32-502-000 QAD 9448075

1/22/04

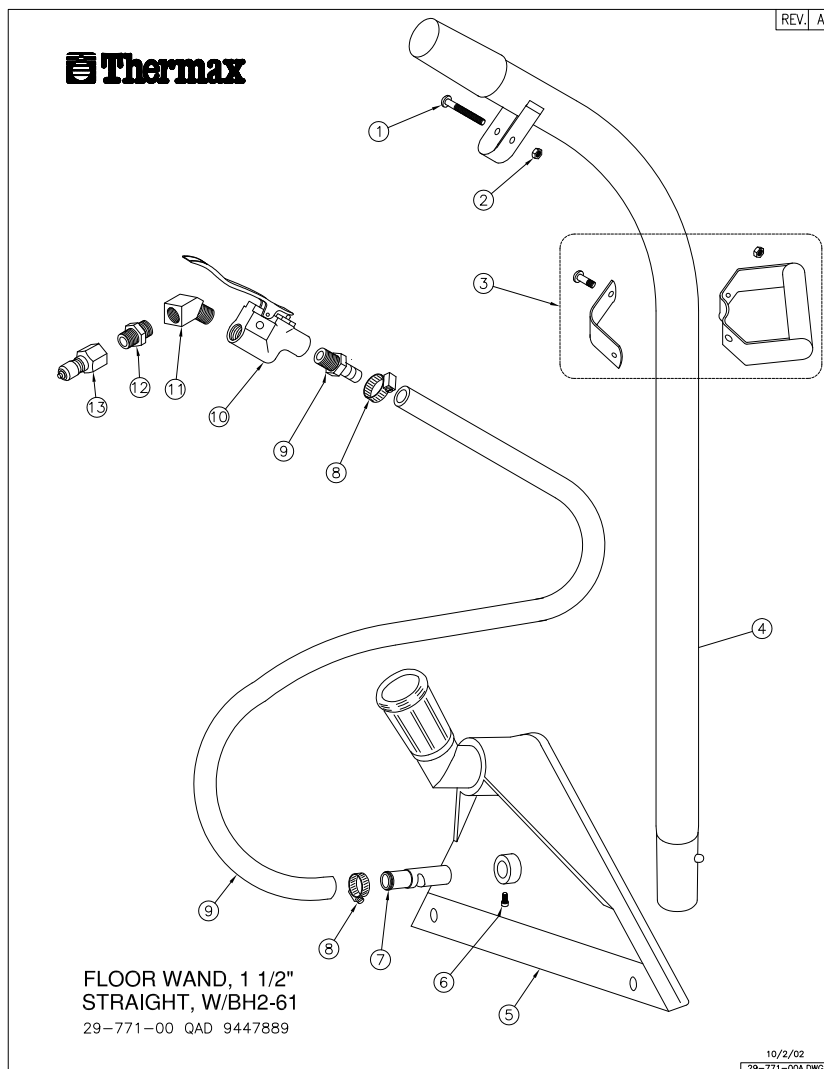
E32-502-000C.DWG

## DETAIL PACKAGE PARTS LIST

ITEM NO.	THERMAX NO.	DESCRIPTION
1	03-470-00	DISC, BRASS, MALE DV12 (CP5/DV12 FL WD)
3	04-161-00	HOSE ASSEMBLY, CP3 SLMLN, 12IN
4	29-561-001	VALVE, BRASS, W/ 1.25" HNGR & HRDW
5	29-565-000	CL VIEW UP WND, 4" X 1.5" W/ PLATE & NZL
6	04-359-00	CLAMP, HOSE, 0.437, SINGLE EAR
7	05-019-00	HOSE, 0.187 BRAIDED VINYL (PER FT)
8	03-466-01	HOSE BARB 3/16 X 1/8
9	35-255-005	CL VIEW UP WAND (CP5 & DV12)
10	20-151-002-1	15' SOLUTION HOSE, W/ DISCONNECTS INCLUDES MALE & FEMALE BRASS DISCONNECTS
11	03-472-00	FEMALE, BRASS DISC, 1/4 FPT, BH-3C
12	04-457-06	MALE, BRASS DISC, 1/4 FTP
13	21-151-001-1	15' VAC HOSE, 1.25" X 1.5' W/ CUFFS
14	04-584-00	HOOK & LOOP STRAP, 1" X 12.5", BLACK

See your local distributor  
for any other items, solutions, and spare parts or visit [thermaxaf.com](http://thermaxaf.com).

## CP5 CLEAR VIEW FLOOR WAND SCHEMATIC & PARTS LIST



ITEM NO.	THERMAX NO.	DESCRIPTION
1	04-028-01	SCREW, 10-32 X 1", PH, PHIL, ZINC
2	04-321-00	NUT, 10-32, NYLOCK
3	09-707-08	FRONT HANDLE, 1.25" W/ HRDW
4	03-330-02	SS WAND, STRT, 1.5" (CP5/DV12 FL WND)
5	28-856-325	CL VIEW STM HD, W/CUFF & NZL (5/12)
6	04-001-02	SCREW, 4-40 X 1/4
7	03-450-05	NOZZLE, K5
8	04-371-00	CLAMP, WORM, .312"
9	05-016-00	HOSE, .312" ID, VINYL BRAIDED - PER FT
9B	04-552-00	FITTING, .375 BARB .25 NPT, NYLON
10	29-564-00	VLV, BRS, W/ STMP FL WD HDL & HRW
11	03-459-00	FITTING, .25, 45 DEG, ELBOW
12	03-471-00	NIPPLE, HEX, 1/4 NPT
13	03-470-00	DISC, BRASS, MALE, (CP5/DV12 FL WND)

See your local distributor  
for any other items, solutions, and spare parts or visit [thermaxaf.com](http://thermaxaf.com).



## CP5 WARRANTY

The Thermax CP5 is warranted to be free from Manufacturer's defect for a period of three (3) years on all non-electrical and electrical components. Warranty extended only to original owner. Proof of purchase required.

Brass quick-disconnects, "O" rings, diaphragms, seals, grommets, gaskets, or any rubber or synthetic rubber or rubber-like parts are considered expendable in normal use and service, therefore are not included in this warranty.

The Manufacturer's obligation under this warranty is limited to repairing or replacing with Manufacturer's specified replacement parts, free of charge and without charge for installation, and parts that prove, in the judgement of the Manufacturer or its authorized service center, to be defective in material or workmanship.

**WARNING ON CLEANING SOLUTIONS: Use of cleaning solutions other than Thermax will void warranty. Must use defoamer in recovery tank of CP5.**

This warranty shall not apply: (1) to normal maintenance services or adjustments, including, but not limited to, cleaning of the system as recommended by the Manufacturer; nor (2) to systems which shall have been altered or used in any way which, in the opinion of the Manufacturer or its service center, adversely affects the performance; nor (3) shall this warranty apply if the serial number is missing, altered, or defaced, or in the case of a defect or damages resulting from inadequate voltage, blown fuses, damage due to freezing, accidental damage to finish or components, abuse, misuse or act of God.

We request that the original owner write or call distributor for authorization to return any items under warranty. Defective parts under warranty must be returned to Manufacturer by distributor for inspection unless otherwise authorized by Manufacturer. Upon inspection and Manufacturer determination, proper action regarding warranty will be taken, including an appropriate refund, credit on parts, labor or shipping. This warranty also excludes any rental equipment expenses incurred or loss of business claims of any nature due to break down of the system.

There are no warranties which extend beyond the description on the face hereof, and this warranty is in lieu of any other warranty, expressed or implied, and expressly limits the term of this warranty, any implied warranty of merchantability or fitness for a particular purpose. This warranty constitutes the sole and exclusive remedy for any defect in or non-performance of or use of the Thermax CP5 cleaning system and under no circumstances shall the Manufacturer be liable for any claimed or consequential damages arising there from.

**NOTICE: Failure to complete and return the attached warranty card or to register warranty online at [thermaxaf.com](http://thermaxaf.com) within thirty (30) days from date of purchase shall render this warranty null and void. Warranty card must be returned to Manufacturer! Staple your copy of the warranty card to this manual.**

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Name of Distributor

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Distributor Phone Number

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Date of Purchase

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Serial Number

**PLEASE NOTE:** Retain this owner's manual along with your copy of the Warranty Registration Form. Proof of purchase must also accompany all warranty claims.



World Headquarters

3315 East Texas St.

Bossier City, LA 71111

1-888-764-3700

Website: [thermaxaf.com](http://thermaxaf.com)

Email: [customersupport@thermaxaf.com](mailto:customersupport@thermaxaf.com)  
[info@thermaxaf.com](mailto:info@thermaxaf.com)