

FIRE CADDY™ DC1205 Limited Warranty

This product is warranted to be free from failures due to defects in workmanship for one year from the date of original purchase. During the warranty period, Just-In Case Fire Ltd., at its sole discretion, will repair or replace at no charge, the product that, in its sole opinion is defective.

The purchaser is responsible for packing the product for shipment and for the charges to ship the product to the location specified by Just-In Case Fire Ltd. including at the purchaser's sole discretion insurance on the shipment. Just-In Case Fire Ltd. will return the product pre-paid to the purchaser.

If the product has been altered, modified or repaired in any way, or if the failure is the result of misuse, abuse or misapplication without the prior consent of Just-In Case Fire Ltd. this warranty shall be void and Just-In Case Fire Ltd. shall have no obligation to repair or replace the failed product.

The products when used in conjunction with sound fire management practices and strictly as per the manufacturer's instructions may provide protection against anticipated fires and may accelerate the extinguishing of existing fires.



CAUTION: The unpredictable nature of fires and the techniques used to apply the product(s) will affect the performance of the product.

EXCEPT FOR AS PROVIDED ABOVE, JUST-IN CASE FIRE LTD. DISCLAIMS AND EXCLUDES ANY AND ALL IMPLIED WARRANTIES REGARDING THE PRODUCT(S) INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.

In no event shall Just-In Case Fire Ltd. be liable to Distributor, purchaser or any third party for any loss of profits, economic loss, indirect, incidental, punitive, special or consequential damages whatsoever and howsoever caused.



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Calgary, Alberta, Canada



**When Fire Threatens,
Seconds Count.**

FIRE CADDY™ DC1205

Product Manual

Another innovative product by Just-In Case Fire Ltd.

www.firecaddy.com
service@firecaddy.com

tel: 403.243.9728
fax: 403.243.9749
tf: 866.652.2339

SAVE THESE INSTRUCTIONS



CAUTION: Read and follow all Safety Rules and Operating Instructions before first use of this Product

Contents

Requirements for Safe Operation	1
the FireCaddy DC1205	3
System Limitations	
All Figures	4
Fig. 1 FireCaddy DC1205 Contents	
Fig. 2 Internal View	
Connections	5
Setting up and Testing the FireCaddy DC1205	6
Maintenance and Regular Test Operation	7
FireCaddyDC Maintenance Schedule	8
Troubleshooting Guide	9
FireCaddyDC Limited Warranty	10

Troubleshooting Guide

Problem	Test	Cause	Remedy
Will Not Start	Voltage with voltmeter 10V to 12V	Battery not charged	Ensure charger is plugged into 110V AC source & recharge battery
		Battery defective, doesn't hold charge	Replace
		Poor wire connections	Test and tighten
Low Pressure or no water flow	Test pressure with gauge or observe short throw distance	Motor running slow	Check battery and connections
		Inlet clogged	Clean strainer screen
		Water supply located too far below pump	Lower pump
No Foam from nozzle	Check that spray is foamy or white colored	No water supply	Hook up to water supply
		FlameOut® valve not open	Open Valve
		Suction line not in FlameOut®	Re-insert to bottom of jug
		FlameOut® empty	Replace Flameout®



Fire Caddy™ and Just-In Case Fire™ are Trade Marks of Just-In Case Fire Ltd., Calgary, Alberta, Canada.



FlameOut® is a registered Trade Mark of Summit Environmental Corporation, San Diego, CA, USA.

FlameOut® is the only wetting agent recommended to be used by both the FDA and the EPA. FlameOut® is a certified replacement for Halon 1211 by the US-EPA. FlameOut® is UL Classified NFPA 18 (EX5028) for Class A & B fires.

FireCaddyDC Maintenance Schedule

Each Calendar month for a total of twelve maintenance checks per year, perform each of the maintenance actions described in the section "Maintenance and Regular Test Operation" and record the results here.

Date	Battery Voltage	Water Pressure	Water Flow	Foam Flow



CAUTION: Carefully read all sections of this user manual before using your new Fire Caddy. Pay close attention to all CAUTIONS, Warnings, Instructions for Operation, Procedures and Maintenance. The FireCaddyDC must be regularly maintained and test operated in order to be available when needed.

FAILURE TO COMPLY WITH ALL CAUTIONS, WARNINGS, INSTRUCTIONS, PROCEDURES AND MAINTENANCE MAY RESULT IN SERIOUS INJURY OR DEATH &/OR LOSS OR DAMAGE TO PROPERTY.



WARRANTY: A limited, one-year warranty is provided by the manufacturer of your FireCaddyDC. The details are provided on the back cover of this product manual.

For this warranty to be valid, you MUST register each Fire Caddy by serial number, and obtain a registration number at:

www.firecaddy.com/warranty/reigistration

Failure to promptly register your FireCaddyDC with the manufacturer will void all warranties stated or implied.

Failure to maintain the FireCaddyDC and to test operate on regular basis will void all warranties stated or implied.

FireCaddyDC serial number

warranty registration no.



REQUIREMENTS FOR SAFE OPERATIONS

Do NOT attempt to operate this device until you have read this manual thoroughly and understand completely all cautions, warnings, safety rules, operating instructions, procedures and maintenance procedures. **Failure to comply can result in serious injury or death or loss and damage to property.**

- ✓ Save the owners manual and review frequently for continued safe operation, and for instructing others who may use the FireCaddyDC.
- ✓ Avoid any dangerous situation where a threat of a fire or a fire exceeds your training and experience or the operating capabilities of the FireCaddyDC.
- ✓ Always position yourself to the fire so that there are multiple exit paths.

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The FireCaddyDC is only rated for use on Class A and Class B fires ONLY.

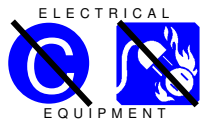


Ordinary combustibles such as wood, cloth, paper, and rubber.



Ordinary flammable or combustible liquids, flammable gases, greases and similar materials such as gasoline, oil, paint and natural and propane gases.

Open wiring and electrical appliances may have energized electrical sources.



The FireCaddy is NOT rated for Electrical Fires. Do NOT use the Fire Caddy in the presence of energized electrical equipment.

Other safe practices and sensible precautions:

- ✓ Keep children and observers away from the FireCaddyDC during operation.
- ✓ Do not force the FireCaddyDC, it will do the job better and safer at the rate and capability for which it was designed.
- ✓ Do not overreach, keep proper footing and balance at all times during operation.
- ✓ Stay alert, exercise control. Watch what you are doing and use common sense.
- ✓ Do not operate the FireCaddyDC when you are tired, or under the influence of and drugs, medication or alcohol.
- ✓ Do not rush.
- ✓ Do not use the FireCaddyDC if the switches, parts or controls do not operate properly or are damaged. Have the defective items repaired or replaced immediately.
- ✓ Always wear safety glasses; protective hair covering is also recommended.
- ✓ Maintain the FireCaddyDC with care. Follow all instructions and inspect it regularly.
- ✓ Never operate the FireCaddyDC without following these rules for safe operation and all the instructions for operation, procedures and maintenance as well as all and any cautions and warnings in this owner's manual.

Maintenance and Regular Test Operation

Each calendar month, for a total of twelve maintenance checks per year, perform the following regular maintenance activities. Select a time and date that is convenient and set a schedule for maintenance that will ensure this test cycle is followed and adhere to.

1. Ensure an adequate supply of water.
2. If the unit has not been plugged into an AC source for more than a week, charge the battery for a minimum of 4 hours.
3. Check the voltage between the battery terminals with a voltmeter.
4. Start the FireCaddy by pressing the ON/OFF button.
5. Open the nozzle valve fully.
6. Ensure that the pressure is sufficient to shoot water between 30 and 40 feet. If the pressure is not in this range stop the FireCaddyDC and refer to the troubleshooting section of this manual.
7. Open the *Fire Suppressant Valve* (Figure 3) to the open position in the and ensure that a supply of FlameOut® is being discharged from the nozzle.
8. Close the *Fire Suppressant Valve*.
9. Stop the FireCaddyDC by pressing the ON/OFF button.
10. Drain the hoses completely and roll them up to avoid being damaged.
11. Record the maintenance activity in the maintenance chart. A chart has been provided in this manual for recording the maintenance actions.
12. Ensure that your FireCaddyDC is positioned in an accessible place, free from obstructions.



Failure to maintain the FireCaddyDC as described in the recommended practices for maintenance will invalidate the warranty and may prevent the Fire caddy from performing its intended purpose, potentially resulting in serious injury or death and/or loss or damage to property.

Setting Up and Testing the FireCaddy™ DC1205

After completing connections as above:

1. Ensure an adequate supply of contamination and particle free water. Do NOT hook up directly to a garden hose as it cannot supply enough flow and will cavitate the pump.



WARNING: Due to the potential backflow to water supply, a backflow check valve should be installed if using a potable water supply.

2. Fully charge the battery (battery charger lights indicate charge of battery).
3. Make ready the Fire Hose – If using the lay flat hose, ensure these are no kinks.
4. Start. Switch and will remain ON until pressed again
5. As the pressure builds up, the Fire Caddy DC™ will switch itself off.
6. When ready, open the nozzle valve and the Fire Caddy DC™ will switch on again. Pressure and flow should be sufficient to shoot water approximately 40 feet.
7. Check for leaks. Tighten connections where necessary.
8. Ensure the supply of FlameOut® is flowing through the clear plastic supply hose. The water coming out of the nozzle should feel soapy to the touch and, when directed at a wall, it will spray white foam
9. Press the red ON/OFF switch, on the front of the Fire Caddy DC™ to turn OFF.
10. Drain and dry all lay-flat hoses before stowage.
11. Reconnect the dried hose and stow it in its intended location.



Failure to perform these steps upon receiving your FireCaddyDC will invalidate your warranty and may render the FireCaddyDC unable to perform its intended operation. Serious injury or death &/or loss or damage to property may result.

the **FIRE CADDY™ DC1205**

FireCaddyDC is a sophisticated supplemental fire suppression and protection system that uses its own power supply and any suitable water source to assist in protecting lives, the environment and property.

The fire Caddy's high pressure (shooting water up to 40 feet) combined with the fire suppressant foam FlameOut® (more effective than just water) makes an excellent fire suppression system.

The fully charged battery, motor cycle time, and FlameOut® supply, of the Fire Caddy DC™ are designed to last 8 minutes for each use. This will use about 40 gallons of water and 2 ½ gallons of FlameOut® (the combination of water and FlameOut® is equivalent to about 280 gallons to 400 gallons of straight water).



WARNING: If you think the fire will require more than 5 minutes to extinguish, it should be used to create a safe passage way for people to escape, and to minimize property damage. Leave the major fire-fighting to the professional fire fighters.

Due to the unpredictability, uncontrollability, and unforeseen nature of fire, and the varying skills of fire equipment operators, Just-In Case Fire Ltd. makes no claims as to any protection provided by the Fire Caddy and accepts no responsibility or liability for any personal or property damages, injuries, or losses of any nature as a result of fire not being suppressed or contained.

System Limitations

- Operating the system without water will cause severe pump damage and operating at any one time longer than the motor duty cycle time of 15 minutes, will cause motor damage.
- Water source can be NO LOWER THAN five to six (5 - 6) feet below unit as the pump will not prime itself.
- **Freezing:** System is not designed to operate with the FlameOut® or water exposed to below freezing. If pump that has had water in it might be exposed to below freezing, pump should be run for 5 seconds while not attached to water supply or to discharge line. If frozen, FlameOut® can still be used once thawed.
- **Hose Flailing:** Do not turn pump on with nozzle valve open while unattended or unsecured (nozzle could flail around and cause damage or injury).

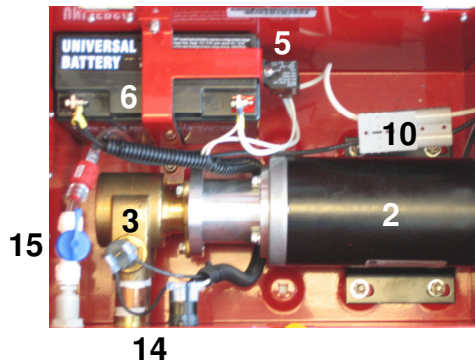
Receiving

FireCaddy DC™ is shipped for the most part pre-assembled and requires only a few connections as in the following diagrams and Connections Chart. Check to make sure all the listed parts are included in the delivery package.

Figure 1 FireCaddy™ DC1205 Contents



**Figure 2
Internal View**



Connections

Item	Description	Installation / Connection (in order)
1	Container Box – Metal	
2	Motor	
3	Pump	
4	On / Off Switch	
5	Relay	
6	Battery	
7	Battery Charger	plug into an electrical outlet
8	Battery Charger Cord	<i>Only if not already connected</i> black ends to Charger (+ to +); white end to box
9	Battery Charger Plug In	plug charger wire into battery connector
10	Battery Disconnect	connect when all hooked up and ready
11	Inlet Water Connection	
12	Strainer	screw onto Inlet Water Connection
13	¾" Polybraided Water Inlet Hose	screw onto Strainer
14	FlameOut® Check Valve	
15	FlameOut® Shut Off Valve	turn ON (handle in-line with piping) to induce FlameOut®
16	FlameOut® Inlet Connection	insert grey end of clear suction tubing, pull back slightly to seal
17	Weight: for FlameOut® Suction Tube	insert hose end into FlameOut® container entirely to the bottom
18	FlameOut® 3/8" Suction Tubing	insert grey end of clear suction tubing into FlameOut® induction inlet, pull back slightly to seal; insert end with brass weight into jug to bottom; tighten grey cap onto jug
19	FlameOut® Container: 5 US gallon jug	
20	Outlet Connection	
21	Fire Hose: 25 ft of ¾" lay flat hose	screw onto Outlet Connection
22	Valve: Nozzle (On/Off)	screw onto fire hose
23	Nozzle: Scotty	screw onto Valve

