

The Signature of Quality®

**C-STORE
NON-REFRIGERATED
SELF-SERVE DISPLAY CASE
WDC-42 AND CT-42**

*INSTALLATION &
OPERATION INSTRUCTIONS*

KEEP THIS MANUAL FOR FUTURE REFERENCE

Engineering and technical data are subject to change without notice.

FEDERAL INDUSTRIES
Toll Free 1(800) 356-4206

215 Federal Avenue
WI Phone (608) 424-3331

Belleville, WI 53508
Fax: (608) 424-3234

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INTRODUCTION

Thank you for purchasing a Federal Industries display case. This manual contains important instructions for installing and servicing Federal equipment. A repair parts list and wiring diagram are also included in the manual. Read all of these documents carefully before installing or servicing your case.



NOTICE

Read this manual before installing your case. Keep this manual and refer to it before doing any service on the equipment. Failure to do so could result in personal injury or damage to the case.



NOTICE

Installation and service of the electrical components in the case must be performed by a licensed electrician.

The portions of this manual covering components contain technical instructions intended only for persons qualified to perform electrical work.



DANGER

Improper or faulty hookup of electrical components in the case can result in severe injury or death.

All electrical wiring hookups must be done in accordance with all applicable local, regional, or national standards.

SERIAL NUMBER

Record the model and serial numbers of the case for easy reference. Always refer to both model and serial numbers in your correspondence regarding the case.

Case Model _____ Serial Number _____

Condensing Unit Model _____ Serial Number _____

This manual cannot cover every installation, use, or service situation. If you need additional information, call or write us:

WARRANTY/TECHNICAL SERVICE DEPARTMENT

**Federal Industries
215 Federal Avenue
Belleville, WI 53508**

Toll Free (800) 356-4206 / WI Phone (608) 424-3331

WARNING LABELS & SAFETY INSTRUCTIONS



This is the safety-alert symbol. When you see this symbol on your case or in the manual, be alert to the potential for personal injury or damage to your equipment.

Be sure you understand all safety messages and always follow recommended precautions and safe operating procedures.



NOTICE TO EMPLOYERS

You must make sure that everyone who installs, uses, or services your case is thoroughly familiar with all safety information and procedures.

Important safety information is presented in this section and throughout the manual. The following signal words are used in the warning and safety messages:

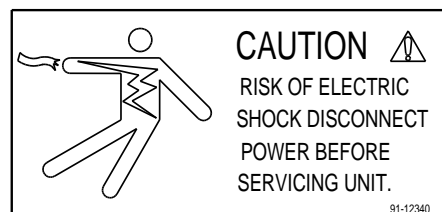
DANGER: Severe injury or death will occur if you ignore the message.

WARNING: Severe injury or death can occur if you ignore the message.

CAUTION: Minor injury or damage to your case can occur if you ignore the message.

NOTICE: This is important installation, operation, or service information. If you ignore the message, you may damage your case.

The warning and safety labels shown throughout this manual are placed on your Federal Industries case at the factory. Follow all warning label instructions. If any warning or safety labels become lost or damaged, call our customer service department at 1(800) 356-4206 for replacements.



This label is located on the ballast box cover. The WDC-42 ballasts are located in the bottom storage area at the rear of the compartment. The ballasts for the CT-42 are mounted on the back of the cabinet.

PRE-INSTALLATION PROCEDURES

Inspection for Shipping Damage

You are responsible for filing all freight claims with the delivering truck line. Inspect all cartons and crates for damage as soon as they arrive. If damage is noted to shipping crates, cartons, or if a shortage is found, note this on the bill of lading (all copies) prior to signing.

If damage is discovered when the case is uncrated, immediately call the delivering truck line and follow up the call with a written report indicating concealed damage to your shipment. Ask for an immediate inspection of your concealed damage item. Crating material must be retained to show the inspector from the truck line.

INSTALLATION INSTRUCTIONS

Leveling the Case

Your Federal cabinet should be level for the best operating results. The cabinet can be leveled by placing metal shims under the base.

Shelf Placement

The WDC-42 and CT-42 Display Cases come standard with four tiers of shelves. The shelf support brackets are installed at the factory. All that is necessary is to hang the shelves onto the shelf support brackets. The shelf support brackets can be adjusted up or down if a different spacing is desired.

Care and Cleaning

Surfaces and glass may be cleaned using a moist cloth and mild cleansers.

Electrical Information and Grounding

This information is for cases ordered with the optional light package.

The Federal cabinet must be wired to a 115 VAC, 60 HZ, 1 Phase and 15 AMP power supply. Copper wire only must be used for the power supply connection. This unit is designed for permanent connection to power source. The electrical service must be grounded upon installation. A grounding lug is supplied. The lug is located in the electrical box, which is located in the back of the cabinet. The lug is identified with a "GROUND" label.

The light switch for the WDC-42 is located in the lower storage compartment. The switch is on the right side mounted on the ceiling.

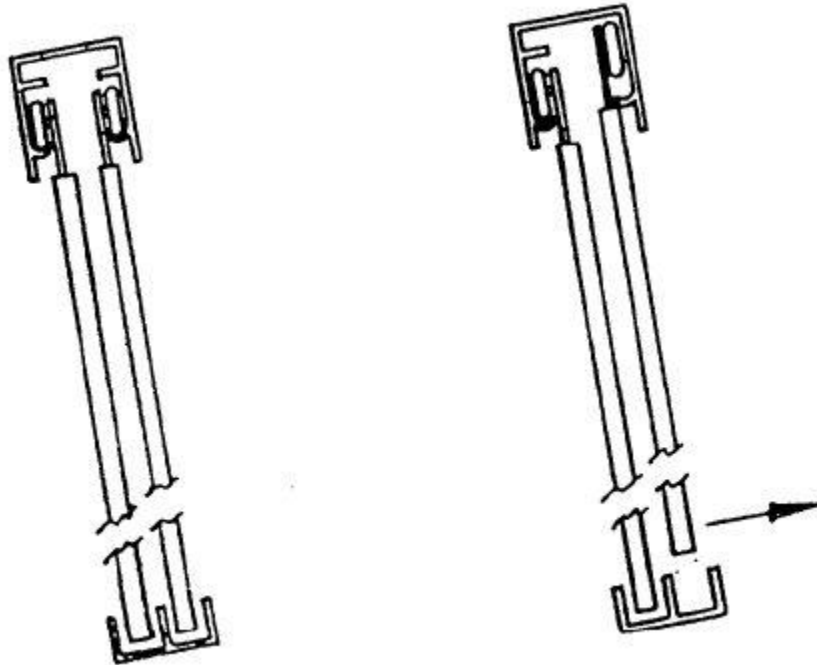
For the CT-42, the switch is located on the back of the case near the bottom right corner.

SERVICE INFORMATION

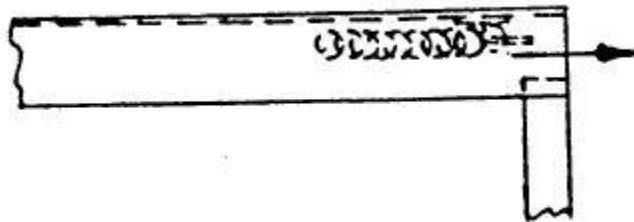
To Remove Self-Closing Doors

Slots for disengaging the door rollers are provided at the center of the top door track.

Slide the right hand door to the center of the door opening. Lift the door up off the roller track. Swing the bottom of the door several inches out of the bottom track and lower the door out of the top track.

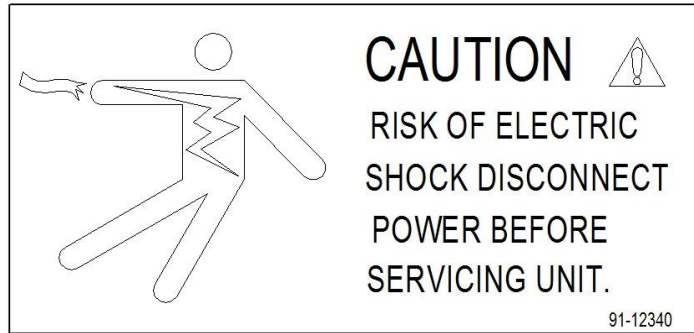


To remove the door closing spring, grasp the spring several inches from the end and slip the spring end loop off the clip located in the upper channel.



Remove the left hand door in the same manner.

To install the doors, reverse this procedure. The door closing spring must be in front of the rollers on the left hand inside door and behind the rollers on the right hand outside door.



Before any service work is performed on the case, make sure all power is disconnected to the case.

Service problems or request for repair parts from authorized service agencies, trained service personnel, or owners should be referred to:

CUSTOMER SERVICE DEPARTMENT
Federal Industries
P.O. Box 290
Belleville, WI 53508
Toll Free: (800) 356-4206 / WI Phone (608) 424-3331
Fax: (608) 424-3234



CAUTION: Before servicing case, turn off power at the main breaker of fuse box.

Special Service Situations

If moisture or liquid is observed around or under a Federal Industries case, an immediate investigation should be made by qualified personnel to determine the source of the moisture or liquid. The investigation must determine if the case is malfunctioning or if there is a simple housekeeping problem.

Moisture or liquid around or under a case is a potential slip/fall hazard for persons walking by or working in the general area of the case. Any case malfunction or housekeeping problem that creates a slip/fall hazard around or under a case should be corrected immediately.

SALE & DISPOSAL

Owner Responsibility

If you sell or give away your Federal Industries case, you must make sure that all safety labels and the Installation-Service Manual are included with it. If you need replacement labels or manuals, Federal Industries will provide them free of charge. Contact the customer service department at Federal Industries at (800) 356-4206.

The customer service department at Federal Industries should be contacted at the time of sale or disposal of your case so records may be kept of its new location.

REPLACEMENT PARTS WDC-42 AND CT-42

<u>Part Description</u>		<u>Part Number</u>
Wire Shelf		63-30273
Shelf Bracket- Right Side		M-7823R
Shelf Bracket- Left Side		M-7823L
Top Glass		51-80233
End Glass		51-80234
Self-Closing Front Door Assembly		53-80153
Napkin Holder	**	M-7801
Plexiglass Divider	**	SA-0483
Door Glides	**	56-80269
Door Finger Pulls	**	66-10716
Ballast	*	39-30003
Lamp, F12T5CW	*	42-30218
Starter, FS4	*	39-30402
Light Switch	*	41-30804
Starter Holder	*	42-30612
Lamp Cover – 25”	*	42-30209
Lamp Holder	*	42-30611

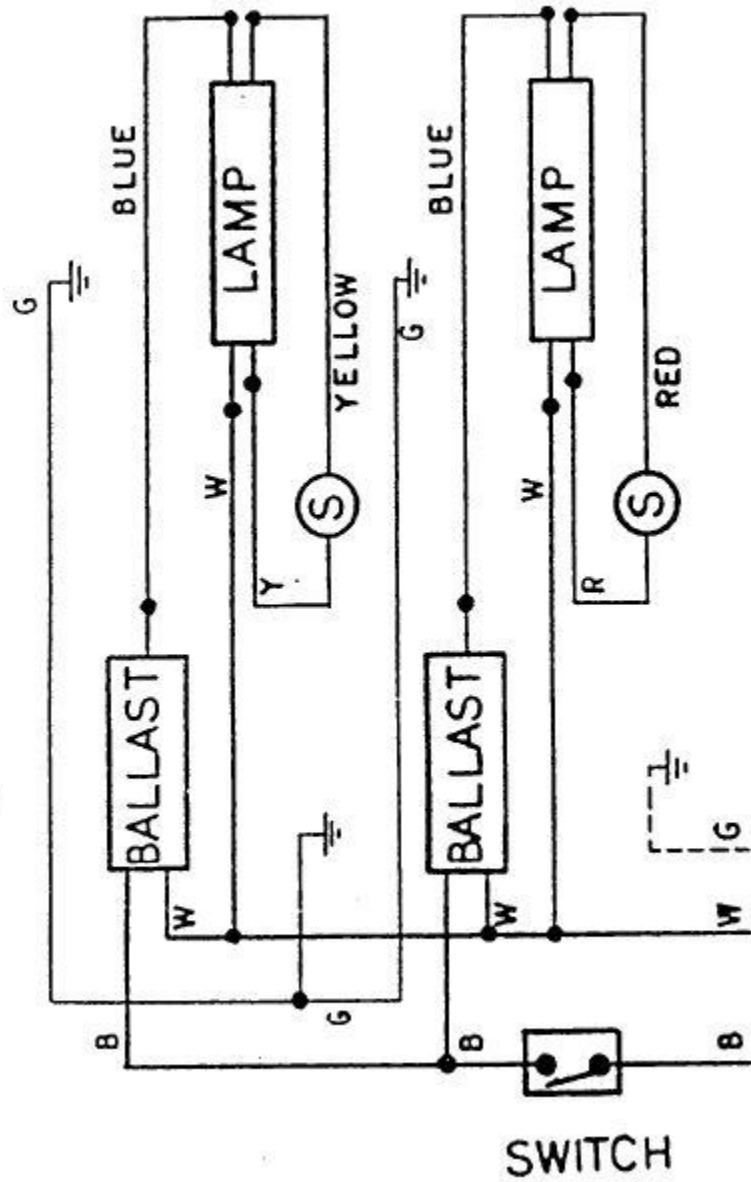
* Cases with Optional Lights

** WDC-42 Only

REPLACEMENT PARTS MODEL WDC-42

<u>Part Description</u>	<u>Part Number</u>
Shelf Standard (66)	67-70349
Shelf Brackets (8)	67-70319
Wire Shelves (4)	63-30273
Standard Clips (2)	78-30568
Rear Mirror	55-80232
Top Glass	51-80233
End Glass	51-80234
Self-Closing Door (Norfab)	53-80153
Top Door Track	05-80262
Bottom Door Track	05-80263
Door Glides (8)	56-80269
Finger Pulls (2)	66-10716
Mirror Holders	81-10409
Gasket (1/16 x 3/8)	16-80249
Gasket (1/8 x 5/16)	16-80424
Shelf Box	90-10734

WIRING DIAGRAM



120V 60HZ 1PH
UNIT MUST BE GROUNDED