

MAKING MODERN LIVING POSSIBLE



# 2012 Training Packet/Class Schedule **WAL-MART EMS Certification**



[www.danfoss.us/foodretail](http://www.danfoss.us/foodretail)



# Educational Services

Danfoss, Inc

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## Danfoss Contact List

**Main Company Address:** Danfoss, Inc./WAL-MART Support  
1 Halsted Circle, Suite 8  
Rogers, AR 72756  
Phone: (479) 204-9085  
[www.danfoss.us](http://www.danfoss.us)

Name	Loc.	Title/Function	Office #	Cell#
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<b>Wayne Conduff</b>	AR	<b>Technical Support Specialist</b>	479-204-9085	479-295-8255
<b>Katrina Doering</b>	MD	<b>Customer Service</b>	410-931-8706	
<b>Rodney Kappel</b>	MD	<b>Customer Service/RMA Manager</b>	410- 513-1070	
<b>Marc Carr</b>	TN	<b>Manager, Wal-Mart P.C.</b>		678-977-7861
<b>Dwain Mayer</b>	AR	<b>Project/Account Manager</b>		479-372-1899
<b>Randy McDarison</b>	WI	<b>Project Manager, Wal-Mart P.C.</b>		262-215-1389



## **WAL-MART CERTIFICATION CLASS TRAINING SCHEDULE 2012**

<b>Date</b>	<b>Location</b>	<b>Application Deadline</b>
January 10-12, 2012	Rogers Arkansas Office	December 20, 2011
March 27-29, 2012	Rogers Arkansas Office	March 6, 2012
May 15-17, 2012	Rogers Arkansas Office	April 24, 2012
July 17-19, 2012	Rogers Arkansas Office	June 26, 2012
September 18-20, 2012	Rogers Arkansas Office	August 28, 2012
November 13-15, 2012	Rogers Arkansas Office	October 23, 2012

***Danfoss reserves the right to cancel any class 3 weeks prior if participation is low.***

**All classes begin at 8:30 a.m. and will be held at the Danfoss Wal\*Mart Support Team office (unless there is a prearranged change) located at**

**1 HALSTED CIRCLE, SUITE-8  
ROGERS, AR. 72756  
Telephone: 800-339-0405**

1. Registration must be completed three weeks in advance of the class start date. Early registration is recommended to ensure placement. If the class you apply for is full you can request that your application be moved to the next scheduled class. If the class you requested is full, please indicate on the application if you would like to be notified of last minute cancellations.
2. There is a charge of \$550.00 per person for the WAL\*MART EMS Certification class.
  - Training Walmart P/N: FRTRAINWM1
  - Pay by check, credit card, or P.O. (Requires being set up and approved by Danfoss as a customer)
  - Contact Rod Kappel in Customer Service to arrange payment and sign up: 410-931-8714
3. Customer is responsible for covering the cost of transportation, after hour meals, and hotel accommodations.
4. It is a Wal-Mart requirement that a Danfoss Certified EMS Installer be on the jobsite during installation. This training class is to educate the field installer and not a representative of their company. Danfoss certification will be checked by the Danfoss Factory Representative during store start up.

**Danfoss, Inc - Educational Services  
REGISTRATION FORM**



**PLEASE WRITE CLEARLY!**

NAME \_\_\_\_\_ TITLE \_\_\_\_\_  
COMPANY \_\_\_\_\_ PHONE \_\_\_\_\_  
ADDRESS \_\_\_\_\_ COURSE \_\_\_\_\_  
CITY, STATE \_\_\_\_\_ CLASS DATE \_\_\_\_\_

Email address for confirmation notification: \_\_\_\_\_

**PAYMENT OPTIONS: PO, Credit Card, or Check:**

- P.O. Number (must be set up and approved by Danfoss as a customer): \_\_\_\_\_
- Credit Card: Contact Rod Kappel in Customer Service: 410-931-8714
- Check: Please make payable to Danfoss Inc. and mail to: Rod Kappel, c/o Danfoss, 11655 Crossroads Circle, Baltimore, MD 21220

Please circle your jacket size      M      L      XL      XXL

In order for us to best present the course material to serve your needs, please take a moment to answer the following questions.

1. What is your present job function? How much experience do you have in this industry?

\_\_\_\_\_

2. In your position, indicate the types of equipment you are likely to encounter that employ Danfoss controls

(Check all that apply):

- Refrigeration                       HVAC  
 Chillers                               Lighting  
 Other (describe below)

3. What is your relationship with Danfoss, Inc? (Check best description):

- OEM                                       Dealer  
 End User                               Contractor  
 Customer                               Other (describe below)

4. Do you use a personal computer?  Yes  No

What is your experience level with PC's? (Check one):  None  Limited  Proficient

5. List any operating systems and software programs you know how to use (check all that apply):

- Control                               Danfoss Service Tool                       CPC  
 Danfoss Code Loader                       Other (list below)                       None  
 Microsoft Windows 95 or higher                       Macintosh  
 ProComm Plus-Windows                       AKA 65 Network Interface Software

6. What are your training objectives? On a scale of 1 to 5, rate each of the following items in order of importance

(1 = very important, 5 = not important):

- |   |  |
|---|--|
| <input type="checkbox"/> AKC255 Refrigeration         | <input type="checkbox"/> AKA 65 Network Interface Software |
| <input type="checkbox"/> AKC255 HVAC                  | <input type="checkbox"/> Installing AKC55 systems          |
| <input type="checkbox"/> AKC255 Lighting              | <input type="checkbox"/> Engineering systems               |
| <input type="checkbox"/> Installing AKC255 systems    | <input type="checkbox"/> Mechanical controls               |
| <input type="checkbox"/> EK202 Case Controllers       | <input type="checkbox"/> Controllers selling systems       |
| <input type="checkbox"/> AKC164Smart Case Controllers | <input type="checkbox"/> Other (list below)                |

7. If the class you requested is full would you like to moved to the next scheduled class? \_\_\_\_\_

8. If the class you requested is full, would you like to be notified of any last minute cancellations for this class? \_\_\_\_\_

9. Additional comments you would like to offer: \_\_\_\_\_

**Return registration form to Rodney Kappel at [rodneycappel@danfoss.com](mailto:rodneycappel@danfoss.com) or mail/fax to:  
Danfoss, 11655 Crossroads Circle, Baltimore, MD 21220, Phone: (410)931-8714 Fax: (410) 931-8256**



## **Educational Services**

### **WAL\*MART EMS Certification Field Service & Product Training**

## **Tentative Class Outline**

### **OBJECTIVES**

Upon successful completion of this course, the student should have:

- Working knowledge of Danfoss capabilities and support
- Understanding of design and operation of Danfoss AK2-SC255 systems installed in Wal\*Mart Stores
- Detailed knowledge of AKD102 VFD operation and programming
- Detailed knowledge of system and related peripheral hardware

### **DAY 1**

8:30 – 9:00 Overview of Danfoss & EMS Controls

12:30 – 1:30 Hardware Continued

9:00 – 11:30 Hardware

- AK2-SC255 controller
- AK2 Input/Output modules
- Sensors and other I/O devices
- AK2-SC255 communication networks

1:30 – 5:00 System and Component Wiring

- Detailed wiring diagrams
- EEPR valve programming and operation
- EKC 202D2 case temperature display programming and operation

11:30 – 12:30 – Lunch

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### **DAY 2**

8:30 – 11:30 System Installation and operation

- New installation and remodel paperwork
- Remote Communications to Live Store
- System operation
- Historical data gathering and analysis
- Logging / Graphing
- Communication Screens

12:30 – 5:00 AKD 102 Variable Frequency Drives

- AKD102 detailed operation
- AKD102 installation and wiring
- AKD102 programming and operation

11:30 – 12:30 – Lunch

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### **DAY 3**

8:30 – 11:30 Hands-On Training

- AK2-SC255 Programming and hardware set up exercise

11:30 – 12:30 Lunch

12:30 – 4:30 Review and Test

- Issuing of Danfoss jackets
- Close



## Directions to Danfoss from local hotels

### **TOWNPLACE SUITES / 3100 SE 14 Street Bentonville AR (479) 633-0202**

- Depart US-62 / SE 14th St (west) (0.2 mi)
- Turn LEFT (south) onto ramp toward US-62 West / US-71 South / I-540 South (0.3 mi)
- Merge onto I-540 South (south) (1 mi)
- Take exit 85 RIGHT toward US-71-Br / AR-12 / Rogers / Bentonville (0.3 mi)
- Turn LEFT (east) onto US-71 Bus / W Walnut St / SE Walton Blvd (1.4 mi)
- Turn LEFT (north) onto Halsted Circle
- Arrive at 1 Halsted Cir, Rogers, AR 72756-3150

### **COUNTRY INN / 4302 W Walnut St, Rogers, AR Phone: (479) 633-00255**

- Depart US-71 Bus / W Walnut St (east) (1 mi)
- Turn LEFT (north) onto Halsted Circle
- Arrive at 1 Halsted Cir, Rogers, AR 72756-3150

### **SIMMONS SUITES /3001 NW 11th St Bentonville, AR. Phone: (479) 254-7800**

- Depart US-71 Bus / N Walton Blvd (south) (6.3 mi)
- Turn LEFT (north) onto Halsted Circle
- Arrive at 1 Halsted Cir, Rogers, AR 72756-3150

### **ESCAPES / 903 N 47th St. Rogers, AR. Phone: (479) 246-6500**

- Depart W Olive St (east)
- Turn RIGHT (south) onto N 46th St (0.5 mi)
- Turn LEFT (east) onto US-71 Bus / W Walnut St (1.2 mi)
- Turn LEFT (north) onto Halsted Circle
- Arrive at 1 Halsted Cir, Rogers, AR 72756-3150

### **TRAVELERS INN / 903 N 47th St. Rogers, AR. Phone: (479) 631-1600**

- Depart US-71 Bus / S 8th St (north) (0.1 mi)
- Turn LEFT (west) to stay on US-71 Bus / W Walnut St (1.9 mi)
- Turn RIGHT (north) onto Halsted Circle
- Arrive at 1 Halsted Cir, Rogers, AR 72756-3150

### **SUPER 8 / 915 S 8th St, Rogers, AR. Phone: (479) 636-9600**

- Depart US-71 Bus / S 8th St (north) (0.1 mi)
- Turn LEFT (west) to stay on US-71 Bus / W Walnut St (1.9 mi)
- Turn RIGHT (north) onto Halsted Circle
- Arrive at 1 Halsted Cir, Rogers, AR 72756-3150

### **DESIGN TRAVEL / 201 S 19th St Ste T Rogers, AR. Phone: (479) 631-9000**

- Depart S 19th St (north) (0.1 mi)
- Turn LEFT (west) onto US-71 Bus / W Walnut St (0.8 mi)
- Turn RIGHT (north) onto Halsted Circle
- Arrive at 1 Halsted Cir, Rogers, AR 72756-315

### **GUEST INN / 1601 Highway 71 S Rogers, AR. Phone: (479) 636-1733**

- Depart I-540 North (north) (1 mi)
- Take exit 86 RIGHT toward Bentonville / US-62 / Rogers / AR-102 (0.3 mi)
- Merge onto US-62 / SE 14th St (west) (0.1 mi)
- Turn LEFT (south) onto ramp toward US-62 West / US-71 South / I-540 South (0.3 mi)
- Merge onto I-540 South (south) (1 mi)
- Take exit 85 RIGHT toward US-71-Br / AR-12 / Rogers / Bentonville (0.3 mi)
- Turn LEFT (east) onto US-71 Bus / W Walnut St / SE Walton Blvd (1.4 mi)
- Turn LEFT (north) onto Halsted Circle
- Arrive at 1 Halsted Cir, Rogers, AR 72756-3150, United States



## Danfoss Office Location



**Danfoss, Inc**  
Refrigeration & Air Conditioning Division  
Class Training Packet  
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