CAUTION
HOT SURFACE! DO NOT TOUCH
nortec
PPB 34/36
Webstone
12-18-23
AMERICAN

Certificate Of Compliance Seismic Certification Label
California Building Code (2013)

OSHPD Special Seismic Certification Preapproval: OSP-0225-10
Product Name: EL SPACE Electrode Humidifier
Product type: Humidifiers
Anchorage: Wall Mount
Seismic Performance Characteristics: S_{DS} (g) = 2.77, z/h = 1.0, I_p = 1.5
Unit Serial Number: 2292525

nortec

nortec
humidity.com

c UL us
LISTED
HUMIDIFIER
205X

MODEL	EL SPACE/RM 010/220-240/1			S/N:	2292525
VOLTS:	240	PHASE:	1	HZ:	50/60
AMPS:	16.2				
KW:	3.9			DATE:	10/2018
MAX:	25 AMPS			MADE IN CANADA	
Circuit Protection					

2543655 D

nortec
humidity.com

For local service contact:

FERGUSON/SULLIVAN, INC.

(803) 750-8817

2545973 B

PAC #2

PAC #1

PENN BY JOHNSON CONTROLS

Model # MC4002 – BC LEAD - LAG CONTROLLER
NUMERO DE MODELE
Serial # J203784584 – 03 ABOUT R – RETARD CONTRÔLEUR
NUMERO DE SERIE
MAIN POWER 24VAC, 14 VA
OPTIONAL BACKUP POWER 48VDC, 0.5A
ALIMENTATION PRINCIPALE 24VAC, 14 VA
ALIMENTATION EN OPTION DE SAUVEGARDE 48VDC, 0.5A
BARD MANUFACTURING CO , INC. 7961 – 379 – 1234

Intertek 5000742
CONFORMS TO UL STD 916
CERTIFIED TO CSA STD C22.2 NO. 205

WARNING/AVERTISSEMENT
ELECTRICAL SHOCK HAZARD
DISCONNECT BOTH VAC AND VDC POWER SUPPLIES BEFORE SERVICING.
FAILURE TO DO SO CAN RESULT IN DEATH OR ELECTRICAL SHOCK.
RISQUE D'ÉLECTROCUTION
DÉBRANCHER LES ALIMENTATIONS CC ET CA. UNE ÉLECTROCUTION OU LA MORT PEUVENT S'EN SUIVRE.
NDL 7961-801

Bard® SINCE 1914
Climate Control Solutions

MC-SERIES
Solid State Dual Unit Lead/Lag Controller

1st Stage · 2nd Stage · 3rd Stage · 4th Stage · Cooling
1st Stage · 2nd Stage · 3rd Stage · 4th Stage · Heating
70 Digital Display
Lead Unit · Unit #1 · Unit #2
Dehumid. Operation

On / Off
Program
Advance Change Save
Comfort

Alarms
Alarm boards are optional and can be factory or field installed. See inside of controller for any alarm functions.

AB3000-B Alarm Board Functions
- Power Loss Sys. 1
- Power Loss Sys. 2
- Refrig. Alarm Sys. 1
- Refrig. Alarm Sys. 2

AB3000-A Alarm Board Functions
- Fire/Smoke Alarm
- Low Temp. Alarm
- High Temp. Alarm 1
- High Temp. Alarm 2
- Lead/Lag Controller Failure Alarm

Operating Instructions
1. To swap lead and lag units press "ADVANCE".
2. To enter the Program mode press the "Program" button and release it when "Pro9" appears. Use "DOWN" or "UP" arrows to scroll through menu.
3. A "Flashing" display means that the function or choice is "Set", and the display will alternate between the step function and setting.
4. To change the setting of any step press the "Change" button and the display will stop flashing, allowing change to the setting by using the "Down" or "Up" arrows. When desired setting is reached press the "Save" button, and proceed as desired.
5. When done programming press the "Program" button until display stops flashing and room temperature is shown. If no buttons are pushed within 30-seconds the controller will automatically revert back to "Run" mode.

Comfort Mode
Press "Comfort" button once to reset to 72F/22C Cooling and 68F/20C Heating for 1-hour. Display will flash during override period. Press 2nd-time to cancel during override if desired, or controller will automatically revert to selected SP after 1-hour.

Program Menu
NOTE: Push and hold Up or Down arrows for 1-second until display blanks to move between steps.

1	LSEn	Temperature at local (main) Sensor	
2	r1	Temperature at Remote 1 sensor location*	
3	r2	Temperature at Remote 2 sensor location*	
4	SP	Cooling setpoint temperature	(65 to 90F or 18.3 to 32.2C - Default is 77F/25C)
5	db	Deadband between cooling and heating setpoint	(2 to 40F or 1.1 to 22.2C - Default is 17F/9.4C)
6	cFAn	Continuous blower operation	(None, Lead, Both - Default is None)
7	dEG	Degree display	(F or C - Default is F)
8	ALT	Alternating Lead-Lag-Lead-Lag Sequence or Non-Alternating Lead-Lead-Lag-Lag Sequence	(Yes or No - Default is Yes for Alternating)
9	LLCO	Lead-Lag changeover time (Days)	(1 to 30 days, or 0 for disabled - Default is 7)
10	HP	Heat pump logic enabled - only for 1-stage heat pumps and forces Lead-Lag sequence and overrides a Non-Alt setting	(Yes or No - Default is No)
11	CbdS	Unit 1 and 2 blowers automatically both run if delta T>5F between any 2 connected sensors	(Yes or No - Default is Yes)
12	OFdE	3-minute lead unit & 4-minute lag unit off-delay enabled	(Yes or No - Default is No)
13	crun	Minimum of 3-minute compressor runtime enabled	(Yes or No - Default is No)
14	LoAL	Low temperature alarm setpoint	(28 to 65F or 21.1 to 48.8C - Default is 45F/7.2C)
15	HAL1	High temperature alarm Level 1 setpoint	(70F to 120F or 21.1 to 48.8C - Default is 90F/32.2C)
16	HAL2	High temperature alarm Level 2 setpoint	(70F to 120F or 21.1 to 49C - Default is 95F/35C)
17	ISd2	Inter-stage differential from Stage 1 to 2	(2, 3, 4, 5 or 6F - Default is 4)
18	ISd3	Inter-stage differential from Stage 2 to 3	(2 or 3F - Default is 2)
19	ISd4	Inter-stage differential from Stage 3 to Stage 4	(2 or 3F - Default is 2)
20	CSon	Turn "On" above SP for Stage 1 Cooling	(+1 or +2 - Default is +2)
21	CSoF	Turn "Off" below SP for Stage 1 Cooling Note: For CSon and CSoF Stage 2, 3 and 4 Cooling are automatically same as Stage 1	(-1, -2, -3, or -4F - Default is -2)
22	HSoo	All Heating stages are equal -/+ On & Off differential	(-1/+1 or -2/+2 - Default is -2/+2)
23	CoPr	1 or 2-stage compressor, if set to 1 the 2nd-Stage Cooling Alarm activates on Cooling Call 2 If set to 2 the 2nd-Stage Cooling Alarm activates on Cooling Call 3	(1 or 2 - Default is 1)
24	Locd	Controller is Locked. Consult building authority for further instructions.	

* r1 and r2 will display temperature only if optional remote sensors are installed. If sensors are not installed these are omitted in the display sequence. If r1 and/or r2 sensor installed the MC-SERIES will control to the "average" of the connected sensors. Consult installation instructions for additional details.

7961-731

TRANE

TRANE
CLARKSVILLE, TN
ASSEMBLED IN MEXICO

Odyssey™

MODEL NO. TTA180F400AA SERIAL NO. 12284SX6TA
MFG. DATE 7/2012 SUITABLE FOR OUTDOOR USE

CPR. MOT. (2)	12.2 RLA	460 V	3PH	60HZ	100 LRA
O.D. MOT. (2)	2.5 FLA	460 V	1PH	60HZ	1 HP

TEST PSI HIGH 449 LOW 239

REFRIGERANT R410A	"A" CPR	LBS	OZ
FIELD CHARGE	"B" CPR	LBS	OZ

FOR CHARGING DATA SEE UNIT SERVICE FACTS

MIN CKT AMPS 32.5

DATA FOR USA INSTALLATION
MAX. FUSE (AMPS) 40 HACR TYPE CKT. BREAKER 40 AMPS

SHORT – CIRCUIT CURRENT RATING:
5 kA RMS SYMMETRICAL ,
REFERENCE UNIT/MOTOR VOLTAGE

DATA FOR CANADIAN INSTALLATION
MAX. FUSE (AMPS) 40 CKT. BREAKER 40 AMPS
SEE "ELECTRIC HEATER INSTALLED"
NAMEPLATE FOR HEATER RATING

EQUIPMENT COMPLIES WITH THE
REQUIREMENTS OF ASHRAE STANDARD 90.1

43672639A REV – C

AHRI CERTIFIED™
www.ahridirectory.org
Unitary Large AC
AHRI Standard 340/360
Certification applies only when the complete system is listed with AHRI

INTERTEK ETL CM C US LISTED
4000202
ETL LISTED
CONFORMS TO UL STD 1995
CERTIFIED TO CAN/CSA STD C22.2 NO. 236

4367 – 1624 – 0600 REV D

R-410A
ONLY
00000152930
D1529

NOTICE
APPLYING VOLTAGE UNDER VAC
Disconnect unit power before evacuation and
apply voltage to compressor while under vacu
Failure to follow these instructions will result i
compressor failure.

AVIS
MISE SOUS TENSION PENDANT
PRESSION À VIDE!
Débrancher l'alimentation de l'unité avant l'évac
et ne pas mettre le compresseur sous tension p
la pression à vide.
Le non-respect de ces consignes entraînera une
défaillance du compresseur.

AVISO
¡APLICACIÓN DE VOLTAJE EN VAC
Desconecte la energia de la unidad antes de evac
no aplique voltaje al compresor mientras esté en
Si no se siguen estas instrucciones ocasionará c
compresor falle.
X390031

TRANE
CLARKSVILLE, TN
ASSEMBLED IN MEXICO

Odyssey™

MODEL NO. TTA180F400AA
SERIAL NO. 12281N5YTA
MFG. DATE 7/2012
SUITABLE FOR OUTDOOR USE

CPR. MOT. (2)	12.2 RLA	460 V	3PH	60HZ	100 LRA
O.D. MOT. (2)	2.5 FLA	460 V	1PH	60HZ	1 HP

TEST PSI HIGH 449 LOW 239

REFRIGERANT R410A	"A" CPR	LBS	OZ
FIELD CHARGE	"B" CPR	LBS	OZ

FOR CHARGING DATA SEE UNIT SERVICE FACTS

MIN CKT AMPS 32.5

DATA FOR USA INSTALLATION

MAX. FUSE (AMPS) 40 HACR TYPE CKT. BREAKER 40 AMPS

SHORT – CIRCUIT CURRENT RATING:
5 kA RMS SYMMETRICAL ,
REFERENCE UNIT/MOTOR VOLTAGE

DATA FOR CANADIAN INSTALLATION

MAX. FUSE (AMPS) 40 CKT. BREAKER 40 AMPS

SEE "ELECTRIC HEATER INSTALLED"
NAMEPLATE FOR HEATER RATING

EQUIPMENT COMPLIES WITH THE
REQUIREMENTS OF ASHRAE STANDARD 90.1

43672639A REV – C

AHRI CERTIFIED™
www.ahridirectory.org
Unitary Large AC
AHRI Standard 340/360
Certification applies only when the complete system is listed with AHRI

INTERTEK ETL C US LISTED
4000202
ETL LISTED
CONFORMS TO UL STD 1995
CERTIFIED TO CAN/CSA STD C22.2 NO. 236

4367 – 1624 – 0600 REV D

R-410A ONLY

00000152936011
D152936P01

NOTICE

APPLYING VOLTAGE UNDER VACUUM!

Disconnect unit power before evacuation and do not apply voltage to compressor while under vacuum. Failure to follow these instructions will result in compressor failure.

AVIS

MISE SOUS TENSION PENDANT LA PRESSION À VIDE!

Débrancher l'alimentation de l'unité avant l'évacuation et ne pas mettre le compresseur sous tension pendant la pression à vide.

Le non-respect de ces consignes entraînera une défaillance du compresseur.

AVISO

¡APLICACIÓN DE VOLTAJE EN VACÍO!

Desconecte la energia de la unidad antes de evacuar y no aplique voltaje al compresor mientras esté en vacio.

Si no se siguen estas instrucciones ocasionará que el compresor falle.

X39003153010C

TRANE
CLARKSVILLE, TN
ASSEMBLED IN MEXICO

Odyssey™

MODEL NO. TTA120F400AA

SERIAL NO. 122733MFYA

SUITABLE FOR OUTDOOR USE

MFG. DATE 7/2012

CPR. MOT. (2)	9.6 RLA	460 V	3PH	60HZ	62 LRA
O.D. MOT. (1)	2.5 FLA	460 V	1PH	60HZ	1 HP

TEST PSI HIGH 449 LOW 239

REFRIGERANT R410A	"A" CPR	LBS	OZ
FIELD CHARGE	"B" CPR	LBS	OZ

FOR CHARGING DATA SEE UNIT SERVICE FACTS

MIN CKT AMPS 24.1

DATA FOR USA INSTALLATION

MAX. FUSE (AMPS) 30 HACR TYPE CKT. BREAKER 30 AMPS

SHORT – CIRCUIT CURRENT RATING:
5 kA RMS SYMMETRICAL ,
REFERENCE UNIT/MOTOR VOLTAGE

DATA FOR CANADIAN INSTALLATION

MAX. FUSE (AMPS) 30 CKT. BREAKER 30 AMP

SEE "ELECTRIC HEATER INSTALLED"
NAMEPLATE FOR HEATER RATING

EQUIPMENT COMPLIES WITH THE
REQUIREMENTS OF ASHRAE STANDARD 90

436

QUANTITY: (01)
05X32/12 DAF TRANE MOD 10
CORE DE LIMIT 1 HP

MODEL NO	04X22/12	DATE	7/5/94
SERIAL NO	A11300	SYSTEM	AHU-3
PREFILTER		FINAL FILTER	QTY
ROLL MEDIA		QTY	
HP		AMPS	VOLTS/HTZ/PH

AIRGUARD INDUSTRIES, INC.
a member of the CLARCOR filtration products group

AHU-1

AHU-2

QUANTITY: (01)
05X32/12 DAF TRANE MOD 10
DS DOORS, DS UNIT LHD
P/N 1197195 C/N 622688
AHU

ORDER : 70103
DATE : 05/26/94

P.O.: 52427

REQUEST: 07/05/94

AHU-3

MODEL NO	05X32/12			DATE	7/5/94
SERIAL NO	A11299	SYSTEM	AHU-2		
PREFILTER		FINAL FILTER		QTY	
ROLL MEDIA		QTY			
HP		AMPS		VOLTS/HTZ/PH	

AIRGUARD INDUSTRIES, INC.
a member of the CLARCOR filtration products group

Model # MC4001 – BC LEAD – LAG CONTROLLER
NUMERO DE MODELE:
Serial # K163357280 – 03 ABOUTIR – RETARD CONTRÔLEUR
NUMERO DE SÉRIE:
MAIN POWER 24VAC, 14 VA
OPTIONAL BACKUP POWER 48VDC, 0.5A
ALIMENTATION PRINCIPALE 24VAC, 14 VA
ALIMENTATION EN OPTION DE SAUVEGARDE 48VDC, 0.5A
BARD MANUFACTURING CO., INC. 7961 – 379 – 0997

Intertek
5000742
CONFORMS TO UL STD 916
CERTIFIED TO
CSA STD C22.2 NO. 205

WARNING/AVERTISSEMENT
ELECTRICAL SHOCK HAZARD.
DISCONNECT BOTH VAC AND VDC POWER SUPPLIES BEFORE SERVICING.
FAILURE TO DO SO CAN RESULT IN DEATH OR ELECTRICAL SHOCK.
RISQUE D'ÉLECTROCUTION.
DÉBRANCHER LES ALIMENTATIONS CC ET CA. UNE ÉLECTROCUTION OU LA MORT PEUVENT S'EN SUIVRE.
NDL 7961-821

Bard®
SINCE 1914
Climate Control Solutions

MC-SERIES

Solid State Dual Unit Lead/Lag Controller

1st Stage · 2nd Stage · 3rd Stage · 4th Stage · Cooling

1st Stage · 2nd Stage · 3rd Stage · 4th Stage · Heating

b9 Digital Display

Lead Unit · Unit #1 · Unit #2

Dehumid. Operation

On / Off

Program

Advance / Change / Save

Comfort

Alarms

Alarm boards are optional and can be factory or field installed. See inside of controller for any alarm functions.

AB3000-B Alarm Board Functions
- Power Loss Sys. 1
- Power Loss Sys. 2
- Refrig. Alarm Sys. 1
- Refrig. Alarm Sys. 2
- Fire/Smoke Alarm
- Low Temp. Alarm
- High Temp. Alarm 1
- High Temp. Alarm 2
- Lead/Lag Controller Failure Alarm

AB3000-A Alarm Board Functions

Operating Instructions

1. To swap lead and lag units press "ADVANCE".
2. To enter the Program mode press the "Program" button and release it when "Pro9" appears. Use "DOWN" or "UP" arrows to scroll through menu.
3. A "Flashing" display means that the function or choice is "Set", and the display will alternate between the step function and setting.
4. To change the setting of any step press the "Change" button and the display will stop flashing, allowing change to the setting by using the "Down" or "Up" arrows. When desired setting is reached press the "Save" button, and proceed as desired.
5. When done programming press the "Program" button until display stops flashing and room temperature is shown. If no buttons are pushed within 30-seconds the controller will automatically revert back to "Run" mode.

Comfort Mode

Press "Comfort" button once to reset to 72F/22C Cooling and 68F/20C Heating for 1-hour. Display will flash during override period. Press 2nd-time to cancel during override if desired, or controller will automatically revert to selected SP after 1-hour.

Program Menu

NOTE: Push and hold Up or Down arrows for 1-second until display blanks to move between steps.

1	LSEn	Temperature at local (main) Sensor	
2	r1	Temperature at Remote 1 sensor location*	
3	r2	Temperature at Remote 2 sensor location*	
4	SP	Cooling setpoint temperature (65 to 90F or 18.3 to 32.2C - Default is 77F/25C)	
5	db	Deadband between cooling and heating setpoint (2 to 40F or 1.1 to 22.2C - Default is 17F/9.4C)	
6	cFAn	Continuous blower operation (None, Lead, Both - Default is None)	
7	dEG	Degree display (F or C - Default is F)	
8	ALT	Alternating Lead-Lag-Lead-Lag Sequence or Non-Alternating Lead-Lead-Lag-Lag Sequence (Yes or No - Default is Yes for Alternating)	
9	LLCO	Lead-Lag changeover time (Days) (1 to 30 days, or 0 for disabled - Default is 7)	
10	HP	Heat pump logic enabled - only for 1-stage heat pumps and forces Lead-Lag sequence and overrides a Non-Alt setting (Yes or No - Default is No)	
11	CbdS	Unit 1 and 2 blowers automatically both run if delta T>5F between any 2 connected sensors (Yes or No - Default is Yes)	
12	OFdE	3-minute lead unit & 4-minute lag unit off-delay enabled	(Yes or No - Default is No)
13	crun	Minimum of 3-minute compressor runtime enabled	(Yes or No - Default is No)
14	LoAL	Low temperature alarm setpoint	(28 to 65F or 21.1 to 48.8C - Default is 45F/7.2C)
15	HAL1	High temperature alarm Level 1 setpoint (70F to 120F or 21.1 to 48.8C - Default is 90F/32.2C)	
16	HAL2	High temperature alarm Level 2 setpoint	(70F to 120F or 21.1 to 49C - Default is 95F/35C)
17	tSd2	Inter-stage differential from Stage 1 to 2	(2, 3, 4, 5 or 6F - Default is 4)
18	tSd3	Inter-stage differential from Stage 2 to 3	(2 or 3F - Default is 2)
19	tSd4	Inter-stage differential from Stage 3 to Stage 4	(2 or 3F - Default is 2)
20	CSon	Turn "On" above SP for Stage 1 Cooling	(+1 or +2 - Default is +2)
21	CSoF	Turn "Off" below SP for Stage 1 Cooling Note: For CSon and CSoF Stage 2, 3 and 4 Cooling are automatically same as Stage 1	(-1, -2, -3, or -4F - Default is -2)
22	HSoo	All Heating stages are equal -/+ On & Off differential	(-1/+1 or -2/+2 - Default is -2/+2)
23	CoPr	1 or 2-stage compressor, if set to 1 the 2nd-Stage Cooling Alarm activates on Cooling Call 2 If set to 2 the 2nd-Stage Cooling Alarm activates on Cooling Call 3.	(1 or 2 - Default is 1)
24	Locd	Controller is Locked. Consult building authority for further instructions.	

★ r1 and r2 will display temperature only if optional remote sensors are installed. If sensors are not installed these are omitted in the display sequence. If r1 and/or r2 sensor installed the MC-SERIES will control to the "average" of the connected sensors. Consult installation instructions for additional details.

7961-731

BARD MANUFACTURING CO,INC., 1914 RANDOLPH DRIVE, BRYAN, OHIO 43506 U.S.A.

MODEL	(1) APPROVED HEATER PACKAGE	VAC	HZ	PH	(2) SINGLE CIRCUIT MINIMUM CIRCUIT AMPACITY	(2) SINGLE CIRCUIT MAX. FUSE OR CKT. BREAKER	(2) DUAL CIRCUIT MINIMUM CIRCUIT AMPACITY CKT.A/CKT.B	(2) DUAL CIRCUIT MAX. FUSE OR CKT. BREAKER CKT.A/CKT.B
( )W72AC-B00	NONE	230/208	60	3	38	45	N/A	N/A
( )W72AC-B0Z	WMCBC-08B	230/208	60	3	38	45	N/A	N/A
( )W72AC-B06	EHWA72C-B06	230/208	60	3	38	45	N/A	N/A
(X)W72AC-B09ZXXXXJ	EHWA72C-B09	230/208	60	3	38	45	N/A	N/A
( )W72AC-B15	EHWA60C-B15	230/208	60	3	53	60	N/A	N/A
( )W72AC-B18	EHWA48C-B18	230/208	60	3	N/A	N/A	38/28	40/30

SHORT-CIRCUIT CURRENT: 5KA RMS SYMMETRICAL

BRANCH CIRCUIT SELECT CURRENT 22.5 OPERATING VOLTAGE RANGE: 197 VAC MIN. 253 VAC MAX.

ASSEMBLED IN THE U.S.A.

SERIAL NUMBER 404M203813468-02

SUITABLE FOR OUTDOOR USE ALL MOTORS ARE THERMALLY OR ELECTRICALLY PROTECTED

-- ELECTRICAL RATINGS --

	VAC	HZ	PH	HP	FLA	LRA	RLA
COMPRESSOR	230/200	60	3			149/149	16.7/18.5
OUTDOOR MOTOR	230/208	60	1	1/2	2.9		
INDOOR MOTOR	230/208	60	1	3/4	4.2		
ERVF-A5	230/208	60	1		2.2	(OPTIONAL)	
HEATER PACKAGE				KW	FLA		
EHWA72C-B06	240/208	60	3	6/4.50	14.4/12.5		
EHWA72C-B09	240/208	60	3	9/6.75	21.7/18.7		
EHWA60C-B15	240/208	60	3	15/11.25	36.2/31.2		
EHWA48C-B18	240/208	60	3	18/13.5	43.3/37.5		

-- FACTORY REFRIGERANT --

FACTORY CHARGED R410A: 152 OZ. DESIGN PRESSURE PSIG 448 HIGH 236 LOW

-- CLEARANCES --

UNIT CASING SUITABLE FOR 0 INCH CLEARANCE.

OUTLET DUCT CLEARANCE 1/4 INCH FOR AT LEAST FIRST 3 FEET OF DUCT. REFER TO INSTALLATION INSTRUCTIONS FOR ADDITIONAL CLEARANCE INFORMATION. MAXIMUM OUTLET AIR TEMPERATURE: 200 DEG. F.

THIS MODEL HAS BEEN TESTED AT STATIC PRESSURES FROM 0 TO .5 IN. WATER COLUMN. CONSULT INSTALLATION INSTRUCTIONS FOR MAXIMUM PERMITTED STATIC PRESSURE FOR SPECIFIC EQUIPMENT APPLICATION.

INSTALLER: WHEN INSTALLING OPTIONAL BARD HEATER PACKAGE: PERMANENTLY MARK THIS SERIAL PLATE TO SHOW THE INSTALLED HEATER PACKAGE.

(1) ONLY BARD HEATER PACKAGES LISTED ABOVE ARE SUITABLE FOR USE WITH THIS UNIT. USE OF ANY OTHER

Conforms to Standa
Heating and Coolin
ANSI/UL 1995/CSA

BARD MANUFACTURING CO, INC., 1914 RANDOLPH DRIVE, BRYAN, OHIO 43506 U.S.A.

MODEL	(1) APPROVED HEATER PACKAGE	VAC	HZ	PH	(2) SINGLE CIRCUIT MINIMUM CIRCUIT AMPACITY	(2) SINGLE CIRCUIT MAX. FUSE OR CKT. BREAKER	(2) DUAL CIRCUIT MINIMUM CIRCUIT AMPACITY CKT.A/CKT.B	(2) DUAL CIRCUIT MAX. FUSE OR CKT. BREAKER CKT.A/CKT.B
( )W72AC-B00	NONE	230/208	60	3	38	45	N/A	N/A
( )W72AC-B0Z	WMCBC-08B	230/208	60	3	38	45	N/A	N/A
( )W72AC-B06	EHWA72C-B06	230/208	60	3	38	45	N/A	N/A
(X)W72AC-B09ZXXXXJ	EHWA72C-B09	230/208	60	3	38	45	N/A	N/A
( )W72AC-B15	EHWA60C-B15	230/208	60	3	53	60	N/A	N/A
( )W72AC-B18	EHWA48C-B18	230/208	60	3	N/A	N/A	38/28	40/30

SHORT-CIRCUIT CURRENT: 5KA RMS SYMMETRICAL

BRANCH CIRCUIT SELECT CURRENT 22.5 OPERATING VOLTAGE RANGE: 197 VAC MIN. 253 VAC MAX.

ASSEMBLED IN THE U.S.A.

SERIAL NUMBER 404M203813463-02

SUITABLE FOR OUTDOOR USE

ALL MOTORS ARE THERMALLY OR ELECTRICALLY PROTECTED

-- ELECTRICAL RATINGS --

	VAC	HZ	PH	HP	FLA	LRA	RLA
COMPRESSOR	230/200	60	3			149/149	16.7/18.5
OUTDOOR MOTOR	230/208	60	1	1/2	2.9		
INDOOR MOTOR	230/208	60	1	3/4	4.2		
ERVF-A5	230/208	60	1		2.2	(OPTIONAL)	
HEATER PACKAGE				KW	FLA		
EHWA72C-B06	240/208	60	3	6/4.50	14.4/12.5		
EHWA72C-B09	240/208	60	3	9/6.75	21.7/18.7		
EHWA60C-B15	240/208	60	3	15/11.25	36.2/31.2		
EHWA48C-B18	240/208	60	3	18/13.5	43.3/37.5		

-- FACTORY REFRIGERANT --

FACTORY CHARGED R410A: 152 OZ. DESIGN PRESSURE PSIG 448 HIGH 236 LOW

-- CLEARANCES --

UNIT CASING SUITABLE FOR 0 INCH CLEARANCE.

OUTLET DUCT CLEARANCE 1/4 INCH FOR AT LEAST FIRST 3 FEET OF DUCT. REFER TO INSTALLATION ADDITIONAL CLEARANCE INFORMATION. MAXIMUM OUTLET AIR TEMPERATURE: 200 DEG. F. STATIC PRESSURES FROM 0 TO .5 IN. WATER COLUMN. CONSULT PERMITTED STATIC PRESSURE FOR SPECIFIC EQUIPMENT APPLICATION.

Confor
Heatin
ANSI/

BARD MANUFACTURING CO.,INC., 1914 RANDOLPH DRIVE, BRYAN, OHIO 43506 U.S.A.

MODEL	(1) APPROVED HEATER PACKAGE	VAC	HZ	PH	(2) SINGLE CIRCUIT MINIMUM CIRCUIT AMPACITY	(2) SINGLE CIRCUIT MAX. FUSE OR CKT. BREAKER	(2) DUAL CIRCUIT MINIMUM CIRCUIT AMPACITY CKT.A/CKT.B	(2) DUAL CIRCUIT MAX. FUSE OR CKT. BREAKER CKT.A/CKT.B
( )W36A2-B00	NONE	230/208	60	3	23	30	N/A	N/A
( )W36A2-B0Z	WMCB-04B	230/208	60	3	23	30	N/A	N/A
( )W36A2-B06	EHW36A-B06B	230/208	60	3	24	30	N/A	N/A
(X)W36A2-B09WXXXXJ	EHWA03-B09B	230/208	60	3	33	35	N/A	N/A
( )W36A2-B15	EHWA37-B15B	230/208	60	3	51	60	N/A	N/A

BRANCH CIRCUIT SELECT CURRENT 13.3 OPERATING VOLTAGE RANGE: 187 VAC MIN. 253 VAC MAX.

SERIAL NUMBER 310J153254473-02

ASSEMBLED IN THE U.S.A.

SUITABLE FOR OUTDOOR USE ALL MOTORS ARE THERMALLY PROTECTED

-- ELECTRICAL RATINGS --

	VAC	HZ	PH	HP	FLA	LRA	RLA
COMPRESSOR	230/200	60	3			88/88	11.3/12.7
OUTDOOR MOTOR	230/208	60	1	1/5	1.5		
INDOOR MOTOR	230/208	60	1	1/3	2.1		
WERV-A3A	230/208	60	1		2.2 (OPTIONAL)		
HEATER PACKAGE				KW	FLA		
EHW36A-B06B	240/208	60	3	6/4.5	14.4/12.5		
EHWA03-B09B	240/208	60	3	9/6.75	21.7/18.7		
EHWA37-B15B	240/208	60	3	15/11.25	36.2/31.2		

Conforms to Standard for Safety Heating and Cooling Equipment ANSI/UL 1995/CSA 22.2 No. 236 – 05

-- FACTORY REFRIGERANT --

FACTORY CHARGED R410A: 69 OZ.1956G DESIGN PRESSURE PSIG 448 HIGH 236 LOW

-- CLEARANCES --

UNIT CASING SUITABLE FOR 0 INCH CLEARANCE.
OUTLET DUCT CLEARANCE 1/4 INCH FOR AT LEAST FIRST 3 FEET OF DUCT. REFER TO INSTALLATION INSTRUCTIONS FOR ADDITIONAL CLEARANCE INFORMATION. MAXIMUM OUTLET AIR TEMPERATURE: 200 DEG. F.
THIS MODEL HAS BEEN TESTED AT STATIC PRESSURES FROM 0 TO .5 IN. WATER COLUMN. CONSULT INSTALLATION INSTRUCTIONS FOR MAXIMUM PERMITTED STATIC PRESSURE FOR SPECIFIC EQUIPMENT APPLICATION.

Intertek
3158040

INSTALLER: WHEN INSTALLING OPTIONAL BARD HEATER PACKAGE: PERMANENTLY MARK THIS SERIAL PLATE TO SHOW THE INSTALLED HEATER PACKAGE.

(1) ONLY BARD HEATER PACKAGES LISTED ABOVE ARE SUITABLE FOR USE WITH THIS UNIT. USE OF ANY OTHER HEATER PACKAGE VOIDS WARRANTY AND COULD CAUSE SAFETY HAZARD.
(2) FOR HAZARDOUS VOLTAGE (HACR TYPE PER NEC OR EQUIVALENT)

COMPLIES WITH THE EFFICIENCY REQUIREMENTS OF ASHRAE/IESN 90.1-2010 AND IS CERTIFIED TO ARI STANDARD 390-2003 (SINGLE PACKAGE VERTICAL UNITS)
COMMERICAL PRODUCT - NOT INTENDED FOR RESIDENTIAL APPLICATIONS.

5253-039-1698