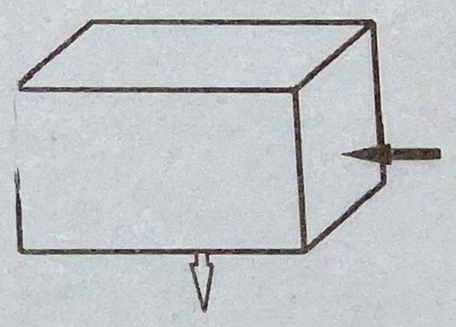
Performance Climate Changer™ Air Handler

ORDER NO. / BL	F2L553C / A
SERIAL NO.	H20J79865
UNIT MODEL NO.	CSAA035UBL00
TAG ID	AHU-1
BUILD SECTION	2 OF 2

Airflow



SUPPLY FAN SECTION

MOTOR VOLTAGE	460/60/3
MOTOR HORSEPOWER	20.0
MOTOR FLA	24.5 EA * 1 FAN(S)

NOTE: AN EXTERNAL OVERLOAD DEVICE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (OR CEC) IS REQUIRED WHEN NOT PROVIDED BY TRANE

SUPPLY AIR TEMPERATURE LIMITATIONS:

104 F MAX IN DRAW-THRU ARRANGEMENTS

200 F MAX IN BLOW-THRU ARRANGEMENTS

FIELD CONDUCTORS SHALL HAVE INSULATION RATING NOT LESS THAN 600V

FOR OUTDOOR USE

AHRI CERTIFIED™
www.ahridirectory.org
Central Station Air-Handlers
AHRI Standard 430

c UL US
LISTED
Central - Station Air Hand
541R File Sa5348
Evaluated to UL 1995 &
CSA-C22.2 No. 236

anufactured under one or more of the following patent numbers:
237[illegible]1, 6973795, 7017356, 7150314, 7178355, 7340906, 7389646, 7526903, 7685834, 8231334, 8911206

Made in USA

www.trane.com

TRANE®

Performance Climate Changer™

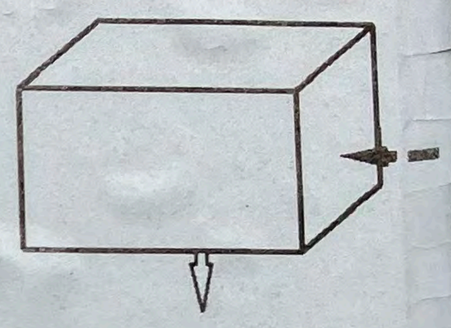
Air Handler

Ingersoll Ran

Performance Climate Changer™ Air Handler

ORDER NO. / BL	F2L553A / A
SERIAL NO.	H20J79849
UNIT MODEL NO.	CSAA035UBL00
TAG ID	AHU-2
BUILD SECTION	2 OF 2

Airflow



UPPLY FAN SECTION

OTOR VOLTAGE	460/60/3
OTOR HORSEPOWER	20.0
OTOR FLA	24.5 EA * 1 FAN(S)

OTE: AN EXTERNAL OVERLOAD DEVICE IN ACCORDANCE WITH THE NATIONAL
LECTRICAL CODE (OR CEC) IS REQUIRED WHEN NOT PROVIDED BY TRANE
UPPLY AIR TEMPERATURE LIMITATIONS:
104 F MAX IN DRAW-THRU ARRANGEMENTS
200 F MAX IN BLOW-THRU ARRANGEMENTS
ELD CONDUCTORS SHALL HAVE INSULATION RATING NOT LESS THAN 600V

OR OUTDOOR USE

AHRI CERTIFIED™
www.ahridirectory.or
Central Station Air-Handlers
AHRI Standard 430

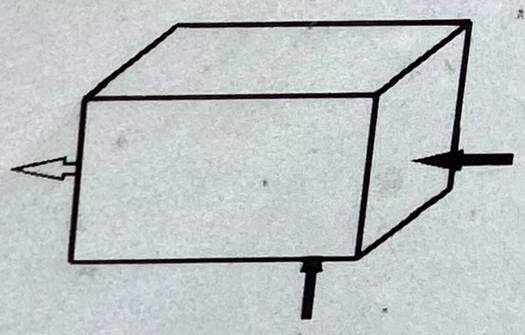
c UL® US

LISTED
Central - Station Air Handler
541R File Sa5348
Evaluated to UL 1995 &
CSA-C22.2 No. 236

erformance Climate Changer™ Air Handler

RDER NO. / BL	F2L553B / A
ERIAL NO.	H20J79857
NIT MODEL NO.	CSAA012UBL00
AG ID	AHU-3
BUILD SECTION	1 OF 2

Airflow



IXING BOX SECTION WITH FILTERS

0 X 20 - 6

HIS UNIT CONTAINS ECONOMIZER THAT MEETS OR EXCEEDS ALL MANDATORY
EQUIREMENTS PRESCRIBED BY TITLE 24, INCLUDING BUT NOT LIMITED TO:
YR PARTS ONLY WARRANTY, SUCCESSFULLY TESTED TO 60,000 ACTUATIONS
ESS THAN 10 CFM/SQ FT OF DAMPER LEAKAGE AT 1" WG PER AMCA 500D

USTOM LENGTH SECTION

OIL SECTION

OIL SERVICE MODEL NUMBER
3FB32055G0DB098FALA00ADEB000000000000000000000000000AC
AX ALLOWED RATED PRESSURE 480 PSI
HE REFRIGERANT COIL DESIGN PRESSURE ON THIS UNIT SHALL NOT BE
ESS THAN THE DESIGN PRESSURE MARKED ON THE COMPRESSOR OR
ONDENSING UNIT AFTER CHARGING, THE EQUIPMENT SHALL BE MARKED
ITH THE REFRIGERANT AND THE OIL USED

CCESS SECTION

AHRI CERTIFIED™
www.ahridirectory.org
Air-Cooling and Air-Heating Coils
AHRI Standard 410

Manufactured under one or more of the following patent numbers:
6237254, 6973795, 7017356, 7150314, 7178355, 7340906, 7389646, 7526903, 7685834, 8231334, 8911206
www.trane.com
Made in USA

⚠WARNING

TOXIC GAS EXPOSURE!

Keep open flame away from unit exterior or interior for unit contains polyurethane insulation.

Do not weld or use cutting torch on the exterior or interior of unit.

TRANE

TRACER ENCLOSURE: X13651559-01

INPUT: VOLTS: 120VAC
AMPS: 6A
FREQUENCY: 60 HZ

All Outputs: 24VAC, CLASS 2
85VA at 35C Maximum Ambient
75VA at 45C Maximum Ambient
50VA at 50C Maximum Ambient
Mfg. Date: 3912

LISTED
834Y

Energy Management
Equipment Accessory

COUPER TOU
DISTANCE, PU
DES ÉTIQUET
NE PAS RESP
ENTRAÎNER D

DESCONECTE
DESCONEXION
Y ETIQUETADO
EL NO REALIZA
LA MUERTE O S

ATTENTI

N'UTILISER QU

E17G86308

TRANE

UC600

FIRE
ALARM
SUBASSEMBLY

PART NUMBER:
X13851548010 REV_ L

SIGNALING

UL
LISTED
SJBH

INPUT: 24V = 0.8A
(CLASS 2) 24VAC @ 50/60 Hz, 48VA
ALL OUTPUTS: LOW VOLTAGE CLASS 2
UUKL TEMP 0C TO 49C
NON-UUKL TEMP -40C TO 70C

ordance with the National
n Association Installation
72, 92A, and 92B

Intended installation environment and location must be indoor and dry conditions.

Assembled in USA

CE

MAC Address
00:12:ea:06:53:09

TRANE
CLARKSVILLE, TN 37040-1008

c UL us
LISTED
19VF

LISTED
AIR CONDITIONING SYSTEMS
EQUIPMENT COMPRESSOR–
CONDENSER UNIT

MODEL NUMBER **RAUJC404BB0300D000C29**

SERIAL NUMBER **C10F02942**

FOR OUTDOOR INSTALLATION ONLY

RATED VOLTAGE 460 HZ 60 PHASE 3
UTILIZATION VOLTAGE RANGE 414–506
NOMINAL SYSTEM VOLTAGES 440–460–480

	CIRCUIT–1	CIRCUIT–2	CIRCUIT–3	
MINIMUM CIRCUIT AMPACITY	87			AMPS
RECOMMENDED DUAL ELEMENT FUSE	–0–			AMPS
MAXIMUM OVERCURRENT PROTECTION DEVICE	100			AMPS

	QTY	VOLTS	HZ	PHASE	RLA EA	LRA EA
COMPRESSOR MOTOR A	1	460	60	3	18.6	142
COMPRESSOR MOTOR B	1	460	60	3	18.6	142
COMPRESSOR MOTOR C	1	460	60	3	18.6	142
COMPRESSOR MOTOR D	1	460	60	3	18.6	142

	QTY	VOLTS	HZ	PHASE	FLA EA	HP EA
CONDENSER FAN MOTOR	4	460	60	3	1.8	1.00
EVAPORATOR FAN MOTOR	–0–					
EXHAUST FAN MOTOR	–0–					
BURNER MOTOR	–0–					
ELECTRIC HEATER CKT	–0–					KW
EVAPORATOR HEAT TAPE		–0–				VA
UNIT CONTROL CIRCUIT		460	60	1		VA

FIELD CHARGED – EACH SYSTEM CKT 1 CKT 2 LBS OF R–410A

			HIGH (PSIG)	LOW (PSIG)
DESIGN PRESSURE	650	PSIG	TEST PRESSURE 650	435

FOR NONRESIDENTIAL INSTALLATION ONLY

THIS UNIT COMPLIES WITH THE
ENERGY EFFICIENCY RATINGS OF ASHRAE 90.1
SHORT–CIRCUIT CURRENT: 5 KA RMS SYMMETRICAL, 600 MAXIMUM

MANUALS	SS–SVX11A–EN			
UNIT WIRING DIAGRAMS	2307–9122–01	2307–9116–01	2307–9121–01	2307–9117–01

RAD ASSEMBLED IN U.S.A. X39630365-01

TRANE
CLARKSVILLE, TN 37040-1008

c UL us
LISTED
19VF

LISTED
AIR CONDITIONING SYSTEMS
EQUIPMENT COMPRESSOR–
CONDENSER UNIT

MODEL NUMBER **RAUJC404BB0300D000029**

SERIAL NUMBER **C10F02943**

FOR OUTDOOR INSTALLATION ONLY

RATED VOLTAGE 460 HZ 60 PHASE 3
UTILIZATION VOLTAGE RANGE 414–506
NOMINAL SYSTEM VOLTAGES 440–460–480

	CIRCUIT–1	CIRCUIT–2	CIRCUIT–3	
MINIMUM CIRCUIT AMPACITY	87			AMPS
RECOMMENDED DUAL ELEMENT FUSE	–0–			AMPS
MAXIMUM OVERCURRENT PROTECTION DEVICE	100			AMPS

	QTY	VOLTS	HZ	PHASE	RLA EA	LRA EA
COMPRESSOR MOTOR A	1	460	60	3	18.6	142
COMPRESSOR MOTOR B	1	460	60	3	18.6	142
COMPRESSOR MOTOR C	1	460	60	3	18.6	142
COMPRESSOR MOTOR D	1	460	60	3	18.6	142

	QTY	VOLTS	HZ	PHASE	FLA EA	HP EA
CONDENSER FAN MOTOR	4	460	60	3	1.8	1.00
EVAPORATOR FAN MOTOR	–0–					
EXHAUST FAN MOTOR	–0–					
BURNER MOTOR	–0–					
ELECTRIC HEATER CKT	–0–					KW
EVAPORATOR HEAT TAPE		–0–				VA
UNIT CONTROL CIRCUIT		460	60	1		VA

	CKT 1	CKT 2	
FIELD CHARGED – EACH SYSTEM			LBS OF R–410A

DESIGN PRESSURE 650 PSIG TEST PRESSURE HIGH (PSIG) 650 LOW (PSIG) 435

FOR NONRESIDENTIAL INSTALLATION ONLY

THIS UNIT COMPLIES WITH THE
ENERGY EFFICIENCY RATINGS OF ASHRAE 90.1
SHORT–CIRCUIT CURRENT: 5 KA RMS SYMMETRICAL, 600 MAXIMUM

MANUALS	SS–SVX11A–EN			
UNIT WIRING DIAGRAMS	2307–9122–01	2307–9116–01	2307–9121–01	2307–9117–01

RAD ASSEMBLED IN U.S.A. X39630365-01

⚠ WARNING

HAZARDS

no aplique vertajo a [illegible]

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

X39003153010C

TRANE
CLARKSVILLE, TN
ASSEMBLED IN MEXICO

Odyssey™

MODEL NO. TTA180E400AA — SERIAL NO. 12262PPHTA

MFG. DATE 6/2012 — 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

43672638A REV – C

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

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

4367 – 1624 – 0600 REV D

MODEL NO.
MOTOR H.P.
MOTOR FLA
VOLTS

NOTE: PLACE
WHEN

CARNES®

448 S MAIN ST, P.O. BOX 930040
VERONA, WISCONSIN 53593
PHONE 608/845-6411 FAX 608/845-6470
HTTP://WWW.CARNES.COM

MODEL HTHHGU125 A

LBS/HR 125

SERIAL NO. 428051.001

CODE JT

POWER SUPPLY 460 VAC, 60 HZ, 3 PH, 54.1 AMP

LOAD MAY BE UNBALANCED

ASSEMBLED IN WISCONSIN USA

UL® LISTED HUMIDIFIER 345H C UL®

UNION MADE

H29-0-8-60

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

MODEL	(1) APPROVED HEATER PACKAGE	VAC	HZ	PH	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
( )W70A2-C00	NONE	460	60	3	19	30	N/A	N/A
( )W70A2-C0Z	WMPD-01C	460	60	3	19	30	N/A	N/A
( )W70A2-C09	EHWA05A-C09	460	60	3	19	30	N/A	N/A
(X)W70A2-C15WPXXXJ	EHWA05A-C15	460	60	3	27	35	N/A	N/A

BRANCH CIRCUIT SELECT CURRENT 10.6 OPERATING VOLTAGE RANGE: 414 VAC MIN. 506 VAC MAX.

SERIAL NUMBER 405H153247298-02

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	460	60	3			75	9.2
OUTDOOR MOTOR	460	60	1	3/4	1.7		
INDOOR MOTOR	460	60	1	1/2	1.9		
WERV-C5A	460	60	1		1.2	(OPTIONAL)	
HEATER PACKAGE				KW	FLA		
EHWA05A-C09	480	60	3	9	10.8		
EHWA05A-C15	480	60	3	15	18.0		

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

C ETL US LISTED

Intertek

3158040

AHRI CERTIFIED

www.ahricertified.org

Single Package Vertical AC

AHRI Standard 390

-- FACTORY REFRIGERANT --

FACTORY CHARGED R410A: 108 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 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.

5253-039-1671

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

MODEL	(1) APPROVED HEATER PACKAGE	VAC	HZ	PH	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
( )W70A2-C00	NONE	460	60	3	19	30	N/A	N/A
( )W70A2-C0Z	WMPD-01C	460	60	3	19	30	N/A	N/A
( )W70A2-C09	EHWA05A-C09	460	60	3	19	30	N/A	N/A
(X)W70A2-C15WPXXXJ	EHWA05A-C15	460	60	3	27	35	N/A	N/A

BRANCH CIRCUIT SELECT CURRENT 10.6 OPERATING VOLTAGE RANGE: 414 VAC MIN. 506 VAC MAX.

SERIAL NUMBER 405H153247302-02

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	460	60	3			75	9.2
OUTDOOR MOTOR	460	60	1	3/4	1.7		
INDOOR MOTOR	460	60	1	1/2	1.9		
WERV-C5A	460	60	1		1.2	(OPTIONAL)	
HEATER PACKAGE				KW	FLA		
EHWA05A-C09	480	60	3	9	10.8		
EHWA05A-C15	480	60	3	15	18.0		

-- FACTORY REFRIGERANT --

FACTORY CHARGED R410A: 108 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 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.

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

C ETL LISTED US
Intertek
3158040

AHRI CERTIFIED™
www.ahridirectory.org
Single Package Vertical AC
AHRI Standard 390

5253-039-1671

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

MODEL	(1) APPROVED HEATER PACKAGE	VAC	HZ	PH	SINGLE CIRCUIT (2) MINIMUM CIRCUIT AMPACITY	SINGLE CIRCUIT (2) MAX. FUSE OR CKT. BREAKER	DUAL CIRCUIT (2) MINIMUM CIRCUIT AMPACITY CKT.A/CKT.B	DUAL CIRCUIT (2) MAX. FUSE OR CKT. BREAKER CKT.A/CKT.B
( )W70A2-C00	NONE	460	60	3	19	30	N/A	N/A
( )W70A2-C0Z	WMPD-01C	460	60	3	19	30	N/A	N/A
( )W70A2-C09	EHWA05A-C09	460	60	3	19	30	N/A	N/A
(X)W70A2-C15WPXXXJ	EHWA05A-C15	460	60	3	27	35	N/A	N/A

BRANCH CIRCUIT SELECT CURRENT 10.6 OPERATING VOLTAGE RANGE: 414 VAC MIN. 506 VAC MAX.

SERIAL NUMBER 405H153247305-02

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	460	60	3			75	9.2
OUTDOOR MOTOR	460	60	1	3/4	1.7		
INDOOR MOTOR	460	60	1	1/2	1.9		
WERV-C5A	460	60	1		1.2	(OPTIONAL)	
HEATER PACKAGE				KW	FLA		
EHWA05A-C09	480	60	3	9	10.8		
EHWA05A-C15	480	60	3	15	18.0		

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

C ETL LISTED US

Intertek

3158040

AHRI CERTIFIED

Single Package Vertical AC
AHRI Standard 390

-- FACTORY REFRIGERANT --

FACTORY CHARGED R410A: 108 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 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.

5253-039-1671

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

MODEL	(1) APPROVED HEATER PACKAGE	VAC	HZ	PH	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
( )W70A2-C00	NONE	460	60	3	19	30	N/A	N/A
( )W70A2-C0Z	WMPD-01C	460	60	3	19	30	N/A	N/A
( )W70A2-C09	EHWA05A-C09	460	60	3	19	30	N/A	N/A
(X)W70A2-C15WPXXXJ	EHWA05A-C15	460	60	3	27	35	N/A	N/A

BRANCH CIRCUIT SELECT CURRENT 10.6 OPERATING VOLTAGE RANGE: 414 VAC MIN. 506 VAC MAX.

SERIAL NUMBER 405H153247303-02 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	460	60	3			75	9.2
OUTDOOR MOTOR	460	60	1	3/4	1.7		
INDOOR MOTOR	460	60	1	1/2	1.9		
WERV-C5A	460	60	1		1.2	(OPTIONAL)	
HEATER PACKAGE				KW	FLA		
EHWA05A-C09	480	60	3	9	10.8		
EHWA05A-C15	480	60	3	15	18.0		

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

-- FACTORY REFRIGERANT --

FACTORY CHARGED R410A: 108 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.

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.

5253-039-1671

Model # MC4001 – BC LEAD – LAG CONTROLLER
NUMÉRO DE MODÈLE:
Serial # D153218449 – 02 ABOUTIR – RETARD CONTRÔLEUR
NUMÉRO 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

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.

Bard SINCE 1914
Climate Control Solutions

MC4000 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
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	Cbd5	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 MC4000 will control to the "average" of the connected sensors. Consult installation instructions for additional details.

7961-731

Model # MC4001 – BC LEAD – LAG CONTROLLER
NUMÉRO DE MODÈLE:
Serial # D153218450 – 02 ABOUTIR – RETARD CONTRÔLEUR
NUMÉRO 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

Bard SINCE 1914
Climate Control Solutions

MC4000
Solid State Dual Unit Lead/Lag Con

1st Stage 2nd Stage 3rd Stage 4th Stage Cooling
1st Stage 2nd Stage 3rd Stage 4th Stage Heating
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
1. To swap lead and lag
2. To enter the Program "Program" button and appears. Use "DOWN scroll through menu.
3. A "Flashing" display m or choice is "Set", and between the step func
4. To change the setting the "Change" button a stop flashing, allowing setting by using the "D When desired setting is "Save" button, and proc
5. When done programmi "Program" button until d and room temperature are pushed within 30-se will automatically revert

Comfort
Press "Comfort" button once Cooling and 68F/20C Heatin will flash during override peri cancel during override if desi automatically revert to selecte

Program
NOTE: Push and hold Up or Dow until display blanks to move

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	Cbd5	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
13	crun	Minimum of 3-minute compressor runtime enabled	(Yes or
14	LoAL	Low temperature alarm setpoint	(28 to 65F or 21.1 to 48.8C - D
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 - D
17	ISd2	Inter-stage differential from Stage 1 to 2	(2, 3, 4, 5 or
18	ISd3	Inter-stage differential from Stage 2 to 3	(2 or
19	ISd4	Inter-stage differential from Stage 3 to Stage 4	(2 or
20	CSon	Turn "On" above SP for Stage 1 Cooling	(+1 or +
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 -4
22	HSoo	All Heating stages are equal -/+ On & Off differential	(-1/+1 or -2/+2 -
23	CoPr	1 or 2-stage compressor, if set to 1 the 2nd-Stage Cooling Alarm activates o If set to 2 the 2nd-Stage Cooling Alarm activates on Cooling Call 3.	(1 or
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 an installed the MC4000 will control to the "average" of the connected sensors. Consult installation instructions for additional details.

7961-731

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: 2292522

nortec

nortec
humidity.com

c UL us
LISTED
HUMIDIFIER
205X

MODEL	EL SPACE/RM 010/220-240/1		S/N: 2292522
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

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 404M203813459-02

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		[illegible]	149/149	16.7/18.5
OUTDOOR MOTOR	230/208	60	1	1/2	4.2		
INDOOR MOTOR	230/208	60	1	3/4	2.2	(OPTIONAL)	
ERVF-A5	230/208	60	1				
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 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 90.1-2013 AND IS CERTIFIED TO ARI STANDARD 390-2003 (SINGLE PACKAGE VERTICAL UNITS)

COMMERCIAL PRODUCT - NOT INTENDED FOR RESIDENTIAL APPLICATIONS.

5253-039-2816

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

Intertek

3158040

AHRI CERTIFIED

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.

SERIAL NUMBER 404M203813465-02 ASSEMBLED IN THE U.S.A.

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		

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

-- 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 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 90.1-2013 AND IS CERTIFIED TO ARI STANDARD 390-2003 (SINGLE PACKAGE VERTICAL UNITS)
COMMERCIAL PRODUCT - NOT INTENDED FOR RESIDENTIAL APPLICATIONS.

Intertek 3158040

AHRI CERTIFIED™ www.ahridirectory.org Single Package Vertical AC AHRI Standard 390

5253-039-2816

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
( )W36AB-B00	NONE	230/208	60	3	20	25	N/A	N/A
( )W36AB-B0Z	WMCB-03B	230/208	60	3	20	25	N/A	N/A
(X)W36AB-B06ZXXXXJ	EHW3TA-B06	230/208	60	3	24	30	N/A	N/A
( )W36AB-B09	EHW3TAB-B09	230/208	60	3	33	35	N/A	N/A
( )W36AB-B15	EHW3TA-B15	230/208	60	3	51	60	N/A	N/A

BRANCH CIRCUIT SELECT CURRENT 10.5 OPERATING VOLTAGE RANGE: 187 VAC MIN. 253 VAC MAX.

SERIAL NUMBER 283M203813813-02 ASSEMBLED IN THE U.S.A.

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			73/73	7.1/8.3
OUTDOOR MOTOR	230/208	60	1	1/5	1.5		
INDOOR MOTOR	230/208	60	1	1/2	2.3		
WERV-A3A	230/208	60	1		2.2	(OPTIONAL)	
HEATER PACKAGE				KW	FLA		
EHW3TA-B06	240/208	60	3	6/4.5	14.4/12.5		
EHW3TAB-B09	240/208	60	3	9/6.75	21.7/18.7		
EHW3TA-B15	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: 72 OZ. DESIGN PRESSURE PSIG 448 HIGH 236 LOW

-- CLEARANCES --

UNIT CASING SUITABLE FOR 0 INCH CLEARANCE.
OUTLET DUCT CLEARANCE 1/4 INCH MINIMUM FOR AT LEAST FIRST 3 FEET OF DUCT. REFER TO INSTALLATION INSTRUCTIONS FOR ADDITIONAL CLEARANCE INFORMATION. MAXIMUM OUTLET AIR TEMPERATURE: 200 DEG. F.
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COMMERICAL PRODUCT - NOT INTENDED FOR RESIDENTIAL APPLICATIONS

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5253-039-2725