

38YCC (60 Hz)
10 SEER Heat Pump
Export Model
Sizes 18 – 60
1-1/2 to 5 Nominal Tons (7 To 17.5 kW)



Product Data



The 38YCC Outdoor Section of Split-System Heat Pumps is designed for quiet, reliable heating during the winter and cooling during the summer. With EER ratings up to 9.0, this heat pump system provides economy of operation through energy conservation when used with components designated by Carrier. The 38YCC recovers heat for indoor comfort from outdoor air during the heating season and, by automatically reversing the refrigerant system, removes indoor heat and excess humidity during the cooling season.

FEATURES AND BENEFITS

Electrical Range

Single-phase units are available in sizes 018, 024, and 036 in 230v 50 Hz. Three-phase units are available in sizes 036, 048, and 060 in 400V 50 Hz.

Wide Range of Sizes

The 38YCC is available in nominal sizes 018, 024, 036, 048 and 060 to meet the needs of residential and light-commercial applications.

Unit Design

All units are equipped with totally enclosed fan motors for greater reliability under adverse weather conditions. The large, wrap-around coil uses copper tube and enhanced epoxy coated aluminum fin and is designed for optimum heat transfer and corrosion protection during heating and cooling. The vertical air discharge center the sound and air up and away from adjacent patio areas and foliage. Coil can be cleaned with a common garden hose.

Weather-Protective Cabinet

A weather protective cabinet of pre-painted steel is protected underneath by a zinc galvanized coating for a finish that will last for many years. All screws on cabinet exterior are coated for a long-lasting, non-rustulent, quality appearance.

Compressor

Designed specifically for heat pump duty, with energy efficiency during heating and cooling operation. The compressor is hermetically sealed against contamination to assure long life and dependable performance. Internally opening valves with reciprocating compressor, and externally mounted on rubber isolators for quiet operation. For improved serviceability, all models are equipped with a compressor terminal plug.

Compressor Protection

Each compressor is protected with internal temperature- and current-sensitive overload.

Reliable standard components

Includes a suction-side accumulator that reduces the amount of liquid refrigerant that reaches the compressor; a high pressure switch to prevent excessive pressure build-up; a low-pressure switch to stop the compressor if refrigerant charge is lost; a crankcase heater to keep compressor oil warm and free of refrigerant for maximum lubricity; an internal compressor relief valve for high-pressure protection; and 3-minute compressor delay.

3-phase monitor board (select compressor models)

Control board that monitors the electrical phase and prevents compressor operation if wired incorrectly. Standard on 048 and 060 3-phase equipment.

File Name: carrier 38ycc manual.pdf

Size: 2103 KB

Type: PDF, ePub, eBook

Category: Book

Uploaded: 19 May 2019, 14:19 PM

Rating: 4.6/5 from 786 votes.

Status: AVAILABLE

Last checked: 10 Minutes ago!

In order to read or download carrier 38ycc manual ebook, you need to create a FREE account.

[Download Now!](#)

eBook includes PDF, ePub and Kindle version

[Register a free 1 month Trial Account.](#)

[Download as many books as you like \(Personal use\)](#)

[Cancel the membership at any time if not satisfied.](#)

[Join Over 80000 Happy Readers](#)

Book Descriptions:

We have made it easy for you to find a PDF Ebooks without any digging. And by having access to our ebooks online or by storing it on your computer, you have convenient answers with carrier 38ycc manual . To get started finding carrier 38ycc manual , you are right to find our website which has a comprehensive collection of manuals listed.

Our library is the biggest of these that have literally hundreds of thousands of different products represented.



Book Descriptions:

carrier 38ycc manual

38YCC (50 Hz)
10 SEER Heat Pump
Export Model
Sizes 18 - 60
1-1/2 to 5 Nominal Tons (7 To 17.5 kW)



Product Data



The 38YCC Outdoor Section of Split-System Heat Pumps is designed for quiet, reliable heating during the winter and cooling during the summer. With EER ratings up to 9.0, this heat pump system provides economy of operation through energy conservation when used with components designated by Carrier. The 38YCC recovers heat for indoor comfort from outdoor air during the heating season and, by automatically reversing the refrigerant system, removes indoor heat and excess humidity during the cooling season.

FEATURES AND BENEFITS

Electrical Range

Single-phase units are available in sizes 018, 024, and 036 in 230v 50 Hz. Three-phase units are available in sizes 036, 048, and 060 in 400v 50 Hz.

Wide Range of Sizes

The 38YCC is available in nominal sizes 018, 024, 036, 048 and 060 to meet the needs of residential and light commercial applications.

Unit Design

All units are equipped with totally enclosed fan motors for greater reliability under adverse weather conditions. The large, wrap-around coil uses copper tube and enhanced epoxy coated aluminum fin and is designed for optimum heat transfer and corrosion protection during heating and cooling. The vertical air discharge carries the sound and air up and away from adjacent patio areas and foliage. Coil can be cleaned with a common garden hose.

Weather-Protective Cabinet

A weather protective cabinet of pre-painted steel is protected underneath by a zinc galvanized coating for a finish that will last for many years. All screws on cabinet exterior are coated for a long-lasting, rust-resistant, quality appearance.

Compressor

Designed specifically for heat pump duty, with energy efficiency during heating and cooling operation. The compressor is hermetically sealed against contamination to assure long life and dependable performance, internally sprung (unit with reciprocating compressor), and externally mounted on rubber isolators for quiet operation. For improved serviceability, all models are equipped with a compressor terminal plug.

Compressor Protection

Each compressor is protected with internal temperature- and current-sensitive overloads.

Reliable standard components

Includes a suction-tube accumulator that reduces the amount of liquid refrigerant that reaches the compressor; a high pressure switch to prevent excessive pressure build-up; a low-pressure switch to stop the compressor if refrigerant charge is lost; a crankcase heater to keep compressor oil warm and free of refrigerant for maximum lubricity; an internal compressor relief valve for high-pressure protection; and 5-minute compressor delay.

3-phase monitor board (on all compressor models)

Control board that monitors the electrical phase and prevents compressor operation if wired incorrectly. Standard on 048 and 060 3 phase equipment.

Heat Pump This symbol Consult Have Electrical Understand This is the safety alert Read The qualified Recognize. When. Refr. Wear. Use Follow GER identifies the most serious hazards which will result in severe Lock out and tag Electrical shock can In some Catalog No. 53380100 Form Printed in USA Ensure Do not suspend Avoid Pg 1 Replaces When Tubing Instruction. Always Data Digest Step Move Equipment Remove Locate. Site It contains If conditions Level Check. Step Mounting Arrange Consult Allow For proper Maintain Ambients Unit In areas where Piston Consult Requirements Unit. Unit to Pad. Step 6 Check Step Roof On rooftop Mi Ni MUM UNi Obtain. Charge Refer For proper Maximum Dimensions Connections Connection Tube Diameter. Connection Diameters Tube Diameter. Tube Diameter For tubing lengths greater than 50 fl, consult Long Line section of the Application. Guideline. Defrost. Thermostat There is a liquid header To avoid valve damage while brazing, service valves n rest be Step Locate Piping Connections. Service Use Do not. Consult If ANY re kigerant Relieve After wrapping At the end of 1 of the Remove Refiigerant This check For lengths Outdoor Residential For Split System. Refer Following. Long Line Application VN ve with. Tube. Sweat Adapter. Guideline Ensure Pay Emectd cal. Connections. Use furnace NOTE Operation of unit on improper line voltage constitutes. See unit rating plate Do not Use copper wire only between The Determine IMPORTANT Check factow wiring and field wire connections Step When Crank case Step Heater Electrical Step To prevent Remove access panel and contloi box to gain access to unit wiring Fr NAL WIRING HECK NEC to handle unit starting current Locate disconnect within sight Be sure field wiring complies with local and national fire, safety, Contact local power company for conection of Accessories In scroll compressor Connect ground wire to ground connection in control box for To prevent Schrader Recover Use No All Refer If refrigerant Power Connections Follow Replace Be sure set point Check Operate To avoid equipment LED on phase This wil! not allow Before To

check. <http://hotel-mini.ru/upload/eberspacher-u0026-webasto-heater-repair-u0026-service-manuals.x ml>

- **carrier 38ycc manual, carrier 38ykc manual, carrier 38ycc manual download, carrier 38ycc manual free, carrier 38ycc manual online, carrier 38ycc manual 2017, carrier 38ycc manual 2016, carrier 38ycc manual instructions, carrier 38ycc manual downloads, carrier 38ycc manual transmission.**

38YCC (50 Hz)
10 SEER Heat Pump
Export Model
Sizes 18 – 60
1 – 1/2 to 5 Nominal Tons (7 To 17.5 kW)



Product Data



The 38YCC Outdoor Section of Split-System Heat Pumps is designed for quiet, reliable heating during the winter and cooling during the summer. With EER ratings up to 9.0, this heat pump system provides economy of operation through energy conservation when used with components designated by Carrier. The 38YCC recovers heat for indoor comfort from outdoor air during the heating season and, by automatically reversing the refrigerant system, removes indoor heat and excess humidity during the cooling season.

FEATURES AND BENEFITS

Electrical Range
Single-phase units are available in sizes 018, 024, and 036 in 230v 50 Hz. Three-phase units are available in sizes 036, 048, and 060 in 400/50 Hz.

Wide Range of Sizes
The 38YCC is available in nominal sizes 018, 024, 036, 048 and 060 to meet the needs of residential and light commercial applications.

Unit Design
All units are equipped with totally enclosed fan motors for greater reliability under adverse weather conditions. The large, wrap-around coil uses copper tube and enhanced epoxy coated aluminum fin and is designed for optimum heat transfer and corrosion protection during heating and cooling. The vertical air discharge carries the sound and air up and away from adjacent patio areas and foliage. Coil can be cleaned with a common garden hose.

Weather-Protective Cabinet
A weather protective cabinet of pre-painted steel is protected underneath by a zinc galvanized coating for a finish that will last for many years. All screws on cabinet exterior are coated for a long-lasting, rust-resistant, quality appearance.

Compressor
Designed specifically for heat pump duty, with energy efficiency during heating and cooling operation. The compressor is hermetically sealed against contamination to assure long life and dependable performance, internally sprung (units with reciprocating compressor), and externally mounted on rubber isolators for quiet operation. For improved serviceability, all models are equipped with a compressor terminal plug.

Compressor Protection
Each compressor is protected with internal temperature- and current-sensitive overloads.

Reliable standard components
Includes a suction-tube accumulator that reduces the amount of liquid refrigerant that reaches the compressor; a high pressure switch to prevent excessive pressure build-up; a low-pressure switch to stop the compressor if refrigerant charge is low; a crankcase heater to keep compressor oil warm and free of refrigerant for maximum lubricity; an internal compressor relief valve for high-pressure protection; and 5-minute compressor delay.

3-phase monitor board (select compressor models)
Control board that monitors the electrical phase and prevents compressor operation if wired incorrectly. Standard on 048 and 060 3 phase equipment.

ProcedureUsersManualExplainChecklistInstallationTo calculateCheckChart on outdoorThis chart indicatesOn 3phaseRG energizesRY energizesRO energizesCooling. On a call tor cooling,With powerHeatingIf pressureChecksStepChargeFactoryStepDo not use chart to adjust. WhenIf phasingTo correct the phasing,WhenCompressorHeating. On a call for heating,CircuitRemainingWhenRoG energizesThen theTaNe 3DefrostTo initiateControl SpeedupTiming. SequenceNBNhqlUMFig. gDefrostLED IndicatorsReversed phase. Normal. ControlTapeControlFrequencyTabCatalogStNoPrintedFormPg 8ReplacesFile Type Extension pdf. PDF Version 1.2. Linearized No. Page Count 8. Page Layout SinglePage. Page Mode UseNone. Producer Goby Monitor Application version 3, 2, 1, 4. Create Date Fri Apr 20 150704 2007. Author. Title. Subject. All of our owners manuals are in pdf format and can be opened using Adobes Acrobat or some other pdf reader. You may then print out the Carrier 38YCC Air Conditioner Heat Pump Outside Unit manual or just save it to your device for safe storage. If you are unable to open or download the manual then please use the HELP link up above for assistance. With SEER ratings up to 11.5 and HSPF from 6.8 to 7.6, this heat pump system provides economy of operation through energy conservation when used with components designated by the manufacturer. The 38YCC recovers heat for indoor comfort from outdoor air during the heating season and, by automatically reversing the refrigerant system, removes indoor heat and excess humidity during the cooling season. All models are listed with UL U.S. and Canada, CEC, and ARI. Size Range The 38YCC is available in 7 nominal sizes from 018 through 060 to meet the needs of residential and light commercial applications. Compressor Designed specifically for heat pump duty, with energy

efficiency during heating and cooling operation. <http://firewaterdamagedfw.com/test/fckeditor/uploadfiles/ebf-25-manual.xml>

38YCC (50 Hz)
10 SEER Heat Pump
Export Model
Sizes 18 – 60
1-1/2 to 5 Nominal Tons (7 To 17.5 kW)

 Turn to the Experts

Product Data

FEATURES AND BENEFITS

Electrical Range

Single-phase units are available in sizes 018, 024, and 036 in 230v 50 Hz. Three-phase units are available in sizes 036, 048, and 060 in 400/50 Hz.

Wide Range of Sizes

The 38YCC is available in nominal sizes 018, 024, 036, 048 and 060 to meet the needs of residential and light commercial applications.

Unit Design

All units are equipped with totally enclosed fan motors for greater reliability under adverse weather conditions. The large, wrap-around coil uses copper tube and enhanced epoxy coated aluminum fin and is designed for optimum heat transfer and corrosion protection during heating and cooling. The vertical air discharge carries the sound and air up and away from adjacent patio areas and foliage. Coil can be cleaned with a common garden hose.

Weather-Protective Cabinet

A weather protective cabinet of pre-painted steel is protected underneath by a zinc galvanized coating for a finish that will last for many years. All screws on cabinet exterior are coated for a long-lasting, rust-resistant, quality appearance.

Compressor

Designed specifically for heat pump duty, with energy efficiency during heating and cooling operation. The compressor is hermetically sealed against contamination to assure long life and dependable performance, internally sprung (units with reciprocating compressor), and externally mounted on rubber isolators for quiet operation. For improved serviceability, all models are equipped with a compressor terminal plug.

Compressor Protection

Each compressor is protected with internal temperature- and current-sensitive overloads.

Reliable standard components

Includes a suction-tube accumulator that reduces the amount of liquid refrigerant that reaches the compressor; a high pressure switch to prevent excessive pressure build-up; a low-pressure switch to stop the compressor if refrigerant charge is lost; a crankcase heater to keep compressor oil warm and free of refrigerant for maximum lubricity; an internal compressor relief valve for high-pressure protection; and 5-minute compressor delay.

3-phase monitor board (scroll compressor models)

Control board that monitors the electrical phase and prevents compressor operation if wired incorrectly. Standard on 048 and 060 3 phase equipment.



The 38YCC Outdoor Section of Split-System Heat Pumps is designed for quiet, reliable heating during the winter and cooling during the summer. With EER ratings up to 9.0, this heat pump system provides economy of operation through energy conservation when used with components designed by Carrier.

The 38YCC recovers heat for indoor comfort from outdoor air during the heating season and, by automatically reversing the refrigerant system, removes indoor heat and excess humidity during the cooling season.

Each compressor is hermetically sealed against contamination to assure long life and dependable performance; compressors are also externally mounted on rubber isolators for quiet operation. For improved serviceability, all models are equipped with a compressor terminal plug. Continuous compressor operation is approved down to 30 F 34.4 C in the heating mode, and down to 55 F 12.8 C in the cooling mode unless equipped for low ambient operation. See heating and cooling performance tables. Reliable Standard Components Includes a suction tube accumulator that reduces the amount of liquid refrigerant that reaches the compressor; a low pressure switch to stop the compressor if refrigerant charge is lost; a crankcase heater on all 3 phase units except 030 size to keep compressor oil warm and free of refrigerant for maximum lubricity; an internal compressor relief valve for high pressure protection. 3Phase Scroll Compressor Units Monitor Board Control board that monitors the electrical phase and prevents compressor operation if wired incorrectly. Discharge Muffler Minimizes low frequency sound and pressure pulsation generated by compressor discharge gas. Defrost Control Board Incorporates a defrost relay, defrost timer, and low voltage terminations. WeatherArmor Cabinet Casing steel is protected with a galvanized coating and treated with a layer of zinc phosphate. A modified polyester powder coating is then applied and baked on, providing each unit with a hard, smooth finish that will last for many years. All screws on cabinet exterior are coated for a long lasting, rust resistant, quality appearance. Unit Design All units are equipped with totally enclosed fan motors for greater reliability under adverse weather conditions. The large, wrap around coil uses copper tube and enhanced aluminum fin and is designed for optimum heat transfer during heating and cooling.

The vertical air discharge carries the sound and air up and away from adjacent patio areas and foliage. Coil can be cleaned with a common garden hose. External Service Valves Both service valves are brass, front seating type. Valves are externally located so refrigerant tube connections can be

made quickly and easily. Each valve has a service port for ease of checking operating refrigerant pressures. The 38YCC has sweat field connections. A Comfort Heat Pump requires the use of a VariableSpeed Fan Coil with Thermostat Control. Fan motor with ball bearings required. Addition of these accessories requires capacitor and relay compressor start assist on all singlephase reciprocating compressor applications. Highpressure switch must be added if not supplied with the system. Required for lowambient controller full modulation feature and MotorMaster Control only. For buried line applications, contact your local distributor. Accessory description and usage Listed alphabetically No See LongLine Application Guideline Ball Bearing Fan Motor Yes No Isolation Relay Yes No 1. BallBearing Fan Motor A fan motor with ball bearings which permits speed reduction while maintaining bearing lubrication. Suggested when compressor power supply is marginal. Suggested in reciprocating compressor applications with rapid pressure balance RPB expansion valve on indoor coil. 5. Crankcase Heater An electric resistance heater which mounts to the base of the compressor to keep the lubricant warm during off cycles. Improves compressor lubrication on restart and minimizes the chance of liquid slugging. Note Some heat pumps are factory supplied with a crankcase heater. See accessory list for units that come standard with a crankcase heater. For units that do not, use the guideline below. Required in low ambient cooling applications. Required in long line applications. Suggested in all commercial applications. 5 6 Accessory description and usage Listed alphabetically 6.



<https://congviendisan.vn/vi/bose-ipod-docking-station-manual>

Cycle Protector Solidstate timing device which prevents compressor rapid recycling. This control provides an approximate 5minute delay after power to the compressor has been interrupted for any reason, including normal room thermostat cycling. Suggested in the following applications Installations in areas where power interruptions are frequent. All commercial installations. Long line applications. Highrise applications. 7. Evaporator Freeze Thermostat An SPST temperatureactuated switch that stops unit operation when evaporator reaches freezeup conditions. Required when lowambient kit has been added. 8. Filter Drier A device for removing contaminants from refrigerant circulating in a heat pump system twodirection flow. Suggested in all fieldconnected splitsystem

heat pumps. 9. HighPressure Switch Auto reset SPST switch activated by refrigerant pressure on high side of refrigerant circuit. Provides protection against compressor damage due to loss of outdoor airflow. Suggested in installations where condenser inlet air temperature exceeds 125 F 51.7 C. 10. Isolation Relay An SPDT relay which switches the lowambient controller out of the outdoor fan motor circuit when the heat pump switches to heating mode. Required in all heat pumps where lowambient kit has been added. 11. LiquidLine Solenoid Valve LLS An electrically operated shutoff valve which stops and starts refrigerant liquid flow in response to compressor operation. It maintains a column of refrigerant liquid ready for action at next compressor operation cycle. It also provides system protection against offcycle refrigerant migration. Note When LLS is used with reciprocating compressors, Compressor Start Assist Capacitor and Relay is required. Required in all heat pump long line applications to control refrigerant off cycle migration in the heating mode. A second LLS or hard shut off TXV is required in heat pump long line applications for refrigerant off cycle migration in the cooling mode.

<https://www.hobbypcb.com/images/camco-fridge-manual.pdf>



See Long Line Application Guideline. 12. LowAmbient Pressure Switch A long life pressure switch which is mounted to outdoor unit service valve. It is designed to cycle the outdoor fan motor in order to maintain head pressure within normal operating limits approximately 100 psig to 225 psig. The control will maintain working head pressure at lowambient temperatures down to 0 F 17.8 C when properly installed. A LowAmbient Pressure Switch or MotorMaster LowAmbient Controller must be used when cooling operation is used at outdoor temperatures below 55 F 12.8 C. 13. MotorMaster LowAmbient Controller A fan speed control device activated by a temperature sensor. Designed to control condenser fan motor speed in response to the saturated, condensing temperature during operation in cooling mode only. This device enables the thermostat to display the outdoor temperature. This device also is required to enable special thermostat features such as auxiliary heat lock out. Suggested for all Carrier thermostats listed in this publication. 15. Outdoor Thermostat An SPDT temperatureactuated switch which turns on supplemental electric heaters when outdoor air temperature drops below a userselected set point. Electric supplemental heat

applications in nonvariable speed indoor units when electric heat staging is desired. 16. Secondary Outdoor Thermostat An SPDT temperature-actuated switch which turns on thirdstage of supplemental electric heaters when outdoor air temperature drops below the secondstage set point. Outdoor Thermostat applications where electric heater is capable of 3stage operation. 17. Sound Hood Wraparound sound reducing cover for the compressor. Reduces the sound level by about 2 dba. Suggested when unit is installed closer than 15 ft to quiet areas bedrooms, etc. Suggested when unit is installed between two houses less than 10 ft apart. 18.

<http://jochenschild.com/images/camco-varipak-manual.pdf>



Product Data

FEATURES AND BENEFITS

Electrical Range

Single-phase units are available in sizes 018, 024, and 036 in 230v 50 Hz. Three-phase units are available in sizes 036, 048, and 060 in 400v 50 Hz.

Wide Range of Sizes

The 38YCC is available in nominal sizes 018, 024, 036, 048 and 060 to meet the needs of residential and light commercial applications.

Unit Design

All units are equipped with totally enclosed fan motors for greater reliability under adverse weather conditions. The large, wrap-around coil uses copper tube and enhanced epoxy coated aluminum fin and is designed for optimum heat transfer and corrosion protection during heating and cooling. The vertical air discharge carries the sound and air up and away from adjacent patio areas and foliage. Coil can be cleaned with a common garden hose.

Weather-Protective Cabinet

A weather protective cabinet of pre-painted steel is protected underneath by a zinc galvanized coating for a finish that will last for many years. All screws on cabinet exterior are coated for a long-lasting, rust-resistant, quality appearance.

Compressor

Designed specifically for heat pump duty, with energy efficiency during heating and cooling operations. The compressor is hermetically sealed against contamination to assure long life and dependable performance, internally sprung (units with reciprocating compressors), and externally mounted on rubber isolators for quiet operation. For improved serviceability, all models are equipped with a compressor terminal plug.

Compressor Protection

Each compressor is protected with internal temperature- and current-sensitive overload.

Reliable standard components

Includes a suction-tube accumulator that reduces the amount of liquid refrigerant that reaches the compressor; a high pressure switch to prevent excessive pressure build-up; a low-pressure switch to stop the compressor if refrigerant charge is lost; a crankcase heater to keep compressor oil warm and free of refrigerant for maximum lubricity; an internal compressor relief valve for high-pressure protection; and 5-minute compressor delay.

3-phase monitor board (small compressor models)

Control board that monitors the electrical phase and prevents compressor operation if wired incorrectly. Standard on 048 and 060 3 phase equipment.



The 38YCC Outdoor Section of Split-System Heat Pumps is designed for quiet, reliable heating during the winter and cooling during the summer. With EER ratings up to 9.0, this heat pump system provides economy of operation through energy conservation when used with components designated by Carrier. The 38YCC recovers heat for indoor comfort from outdoor air during the heating season and, by automatically reversing the refrigerant system, removes indoor heat and excess humidity during the cooling season.

Thermostatic Expansion Valve TXV BiFlow A modulating flowcontrol valve which meters refrigerant liquid flow rate into the evaporator in response to the superheat of the refrigerant gas leaving the evaporator. Kit includes valve, adapter tubes, and external equalizer tube. Both hard shutoff and RPB valves are available. Note When using a hard shut off TXV with single phase reciprocating compressors, a Compressor Start Assist Capacitor and Relay is required Required to achieve ARI ratings in certain equipment combinations. Refer to combination ratings. Required for use on all zoning systems. See long line guideline. 19. TimeDelay Relay An SPST delay relay which briefly continues operation of indoor blower motor to provide additional cooling after the compressor cycles off. Note Most indoor unit controls include this feature. For those that do not, use the guideline below. For improved efficiency ratings for certain combinations of indoor and outdoor units. Operation outside these limits may result in unit failure. Copper wire must be used from disconnect to unit. Ratings for other combinations are determined under DOE computer simulation procedures. In most cases, only 1 method should be used to achieve TDR function. Using more than 1 method in a system may cause degradation in performance. Supplemental electric heat is not included. Ratings are based on Standard 80 F 27 C db 67 F 19 C wb indoor entering air temperature and 95 F 35 C db air entering outdoor unit. HighTemperature Standard 70 F 21 C db indoor entering air temperature and 47 F 8 C db 43 F 6 C wb air entering outdoor unit. LowTemperature Standard 70 F 21 C db indoor entering air temperature and 17 F 8 C db 15 F 11 C wb air entering outdoor unit. COP

Coefficient of Performance EER Energy Efficiency Ratio HSPF Seasonal Performance Factor SEER Seasonal Energy Efficiency Ratio TC Btuh TDR TimeDelay Relay TXV Thermostatic Expansion Valve. March 2015 Aluminium fin coil with copper tubes.

The Daikin Inverter Ducted Heat Pump line is a cost effective alternative Surface thermo Air Conditioner Equipment N Champlin, MN 55316 Tel 7633238200 Fax 7635763200
www.mcleancoolingtech.com Please void OB451 REVISED EDITION D. OUTDOOR UNIT SERVICE MANUAL HFC utilized R410A. OB451 REVISED EDITION E Models MUZA09NA, Inlet water warm. Low condensing pressure. Air or noncondensable gas in system. Inlet water RHLL High Efficiency Please void OBH549 REVISED EDITION A. OUTDOOR UNIT SERVICE MANUAL HFC utilized R410A. Specifications subject to change without notice. Our goal is It will be available soon as Specifications subject to change without notice. For over 90 years, Daikin has grown consistently ASHRAE recommends keeping the relative humidity in a home between 30-60% to limit the effects of many unwanted conditions and harmful Engineered Features Digital Capacity Control for Copeland Scroll Refrigeration Compressors AE211319 R6 Manual 2100234 E Supersedes 2100234 Compressors. Benefits and operating characteristics. Reciprocating N Champlin, MN 55316 Tel 7633238200 Fax 7635763200 N Champlin, MN 55316 Tel 7633238200 Fax 7635763200
www.mcleantthermal.com INSTRUCTION MANUAL TABLE OF CONTENTS To use this website, you must agree to our Privacy Policy, including cookie policy. Hold times are long. Join Repair Clinics VIP email list for 10% off, plus other discounts and tips. Weve got millions of parts, hundreds of brands, and thousands of stepbystep videos— everything you need to find it, fix it and finish the job right. ARP changes coming soon. This notice is dismissible, click the top right X and it will vanish. The ARP Forum will become Pro Member only on September 1, 2020. If you want to continue to view and reply in the ARP you must fill out the Pro application found here. To learn about our use of cookies and how you can manage your cookie settings, please see our Cookie Policy. By continuing to use the website, you consent to our use of cookies.

<https://sk-developers.com/wp-content/plugins/formcraft/file-upload/server/content/files/16273bc2bb40bf--british-port-association-manual.pdf>

If you have any problems with the registration process or your account login, please contact support. The time has come to upgrade the tstat to something more modern. At the moment, Im leaning heavily towards the EcoBee3. However, one of the few features I love on the carrier tstat is that the outdoor temp is displayed if I press both temp buttons up and down at the same time. The new tstats will display the outdoor temp as derived from the Weather Network, but not give me the exact temp as read from my OD unit. Is there any way to either retain that functionality in a new Tstat doubtful, or are there other readout devices that I could connect in parallel to the tstat to display the exact OD temp as provided by the HP. Thanks, EricAs buford said, there are stats with outdoor temp feature either with wired or wireless outdoor sensors or about all WiFi stats get the local temp from the internet. Might not reflect your house exactly though. I actually found it accidentally in the manual for the stat a few years back. I was surprised as well when I read about it, but quite happy when I found it page 11 . If it isnt from the heat pump, there are no other sensors connected to the system. Unless the installers put the sensor in the heat pump shell and just wired it somehow using the same wiring harness. Pretty much all the wifi stats show internet weather. Im looking to display of the existing sensor from the hp, if at all doable. Does the Lyric line of stats do that. I had a lot of trouble finding documentation regarding the Lyrics. Thanks EricSent from my SMN910W8 using TapatalkPost Them Here All rights reserved. And with impressive SEER ratings they can still make you smile when it comes time to pay your energy bill. Your dealer can ensure that any model you choose meets your regions standards Warranty period is 5 years if not registered within 90 days.

Jurisdictions where warranty benefits cannot be conditioned on registration will automatically receive a 10year parts limited warranty. See warranty certificate for complete details. Used Very

GoodPlease try again.Please try again.English only. Note this is NOT a repair or service manual. Then you can start reading Kindle books on your smartphone, tablet, or computer no Kindle device required. Register a free business account If you are a seller for this product, would you like to suggest updates through seller support To calculate the overall star rating and percentage breakdown by star, we don't use a simple average. Instead, our system considers things like how recent a review is and if the reviewer bought the item on Amazon. It also analyzes reviews to verify trustworthiness. Please check your inbox, and if you can't find it, check your spam folder to make sure it didnt end up there. Please also check your spam folder. In case of damage file an immediate claim with the shipping company. Do not install or use damaged units. Trap height must be calculated according to the unit discharge head in order to allow sufficient and continuous water evacuation. Login to post Is it under the bunk or on the unit itself. If not then youll have to use an acetylene torch and silver solder to add one to the low side of the compressor. Then youll have to evacuate the system with a vacuum pump and a set of gauges. Then get the amount of freon off the data plate on the condenser unit or youll have to use a clamp on current meter to read the FLA specification on the data plate to get the correct amount of freon into the unit.The nozzle fits over the metal attachment that looks like a hose fits over it coming from the compressor of ac unit. The can of freon will have a hose and attachment that fit together.it may take a few times to assure tight fit. Wear gloves because if any freon escapes it will burn your skin,being so cols.

Most people find it smarter just to buy a new unit but get an estimate on repair and decide for yourself. Why do you think it needs freon, not cooling enough, or at allAn agent told me that my unit was leaking at the fittings to the outside unit as well as the coils. The unit he used to. It is illegal for anyone to fill a unit that is not.This is ideal. But it sound like your unit is low on freon. When units get low they will freeze up. They will also freeze up if air flow is restricted on the inside coil or the fan quits on the external unit.The installation instructions for the Intertherm unit for installing the outdoor unit should apply to any brand unit you want to use as long as the size of the indoor coil is the same capacity of the outdoor unit. For example, if the indoor unit is a 2 ton, 2.5 ton, 3 ton and so on, the outdoor unit would have to be the same is all. Same freon type, most are R22, but they are using the new R410a freon, so make sure of the freon type of the indoor coil is and get a unit of the same size and freon type. The installation instructions for the Intertherm should almost be the exact way to install any other condenser. Look for things like the distance from the outside wall, if it needs to be anchored, how far away the electrical disconnect box has to be from the unit, example 4 to 6. Things like this you need to look for in the installation instructions is all. The new condenser unit holds enough freon for up to 25 of copper line set also. Try to stay with in that range to the indoor unit. If not, no big deal, they may need to add or remove a little freon is all. I hope this has been helpful to you on this. Trane, Carrier, Rheem, Ruud, Bryant, are all top of the line, better made then Tntertherm in my opinion. They should all be hud approved, I dont know where you are from, but here in Ca, they are. I wish you the best, and please dont forget to rate me. I know you will be kind.Fuses are blown or the sending unit has popped.

Is it under the bunk or on the unit itself. Answer questions, earn points and help others. Consult a qualified installer, service agency, or your distributor or branch for information or assistance. The qualified installer or agency must use factoryauthorized kits or accessories when modifying this product. Refer to the individual instructions packaged with the kits or accessories when installing. Wear safety glasses, protective clothing, and work gloves. Use quenching cloth for brazing operations. Have fire extinguisher available. Read these instructions thor oughly and follow all warnings or cautions included in literature and attached to the unit. Consult local building codes and National Electrical Code NEC for special requirements. This is the safetyalert symbol These words are used with the safetyalert symbol. DAN GER identifies the most serious hazards which will result in severe personal injury or death. WARNING signifies hazards which could result in personal injury or death. CAUTION is used to identify unsafe practices which would result in minor personal injury

or product and property damage. NOTE is used to highlight suggestions which will result in enhanced installation, reliability, or operation. There may be more than 1 disconnect switch. Lock out and tag switches with a suitable warning label. Electrical shock can cause personal injury or death. Obtain filter drier from your distributor or branch. See Vapor Line Sizing and Cooling Capacity Loss table when using other sizes and lengths of lineset. Note See unit Installation Instruction for proper installation. OUTDOOR UNIT CONNECTED TO A FACTORY APPROVED INDOOR UNIT Check piston size shipped with indoor unit to see if it matches required indoor piston size. Always refer to the AHRI directory for the most upto date ratings information. NOTE Pistons shipped with outdoor units are only qualified and approved with the above listed fan coils.

See table below for liquid line sizing and maximum lengths Size Liquid Line Connection Liquid Line Diam. When using other length or diameter liquid lines, charge adjustments are required per the chart above. LONG LINE APPLICATIONS An application is considered Long Line, when the refrigerant level in the system requires the use of accessories to maintain acceptable refrigerant management for systems reliability. See Accessory Usage Guideline table for required accessories. Defining a system as long line depends on the liquid line diameter, actual length of the tubing, and vertical separation between the indoor and outdoor units. For Air Conditioner systems, the chart below shows when an application is considered Long Line. The suction line diameters shown in the chart below are acceptable for AC systems with refrigerant Unit Nominal Size Btuh Vapor Line Sizing and Cooling Capacity Losses r Refrigerant 1 Stage Air Conditioner Applications Maximum Liquid Line Diameters In. OD Vapor Line Diameters In. Accessory Description and Usage Listed Alphabetically 1. BallBearing Fan Motor A fan motor with ball bearings which permits speed reduction while maintaining bearing lubrication. Required on all units when MotorMasterr is used. 2. Compressor Start Assist Capacitor and Relay Start capacitor and relay gives a hard boost to compressor motor at each start up. Required for reciprocating compressors in the following applications Long line Low ambient cooling Hard shut off expansion valve on indoor coil Liquid line solenoid on indoor coil Required for singlephase scroll compressors in the following applications Long line Low ambient cooling Suggested for all compressors in areas with a history of low voltage problems. 3. Crankcase Heater An electric resistance heater which mounts to the base of the compressor to keep the lubricant warm during off cycles. Suggested in all commercial applications. 4.

Cycle Protector The cycle protector is designed to prevent compressor short cycling. This control provides an approximate 5 minute delay after power to the compressor has been interrupted for any reason, including power outage, protector control trip, thermostat jiggling, or normal cycling. 5. Evaporator Freeze Thermostat An SPST temperatureactuated switch that stops unit operation when evaporator reaches freeze up conditions. Required when low ambient kit has been added. 6. Low Ambient Pressure Switch Kit A long life pressure switch which is mounted to outdoor unit service valve. Suggested for all Carrier thermostats listed in this publication. 7 8 Accessory Description and Usage Listed Alphabetically Continued 9. Sound Hood Wraparound sound reducing cover for the compressor. Reduces the sound level of the compressor. Suggested when unit is installed closer than 15 ft 4.57 m to quiet areas, bedrooms, etc. Suggested when unit is installed between two houses less than 10 ft 3.05 m apart. 10. Support Feet Four or five stick on plastic feet that raise the unit 4 in. 101.6 mm above the mounting pad. This allows sand, dirt, and other debris to be flushed from the unit base, minimizing corrosion. Suggested in the following applications Coastal installations. Windy areas or where debris is normally circulating. Rooftop installations. For improved sound ratings. 11. Thermostatic Expansion Valve TXV A modulating flow control valve which meters refrigerant liquid flow rate into the evaporator in response to the superheat of the refrigerant gas leaving the evaporator. Hard shut off types are available. NOTE When using a hard shut off TXV with single phase reciprocating compressors, a Compressor Start Assist Capacitor and Relay is required. Required to achieve AHRI ratings in certain equipment combinations. Hard shut off TXV or LLS

required in air conditioner long line applications. Required for use on all zoning systems. 12.

TimeDelay Relay An SPST delay relay which briefly continues operation of indoor blower motor to provide additional cooling after the compressor cycles off. NOTE Most indoor unit controls include this feature. FLA Full Load Amps LRA Locked Rotor Amps MCA Minimum Circuit Amps RLA RatedLoadAmps NOTE Control circuit is 24V on all units and requires external power source. Copper wire must be used from service disconnect to unit. EWB Entering Wet Bulb NOTE When the required data fall between the published data, interpolation may be performed. KW Outdoor Unit Kilowatts Only. Unit consists of a hermetic compressor, an aircooled coil, propellertype condenser fan, and a control box. Unit will discharge supply air upward as shown on contract drawings. Unit will be used in a refrigeration circuit to match up to a packaged fan coil or coil unit. Quality Assurance Unit will be rated in accordance with the latest edition of AHRI Standard 210. Unit will be certified for capacity and efficiency, and listed in the latest AHRI directory. Unit will be constructed in accordance with UL standards and will carry the UL label of approval. Unit will have cul us approval. Unit cabinet will be capable of withstanding Federal Test Method Standard No. 141 Method 6061 500 hr salt spray test. Aircooled condenser coils will be leak tested at 150 psig and pressure tested at 450 psig. Unit constructed in ISO9001 approved facility. Delivery, Storage, and Handling Unit will be shipped as single package only and is stored and handled per unit manufacturer s recommendations. Warranty for inclusion by specifying engineer U.S. and Canada only. PRODUCTS Equipment Factory assembled, single piece, air cooled air conditioner unit. Contained within the unit enclosure is all factory wiring, piping, controls, compressor, refrigerant charge r R 410A, and special features required prior to field start up.

<http://ninethreefox.com/?q=node/12873>