



**NARRAGANSETT TOWN COUNCIL
SPECIAL MEETING
AUGUST 24, 2020
6:00 PM**

Posted 08-20-2020

Narragansett Town Hall
25 Fifth Avenue
Narragansett, RI 02882
(401) 789-1044
www.narragansettri.gov

The public can participate in this meeting remotely by following the directions below.

No in-person attendance will be allowed.

**NARRAGANSETT
TOWN COUNCIL**

President

Matthew M. Mannix

President Pro Tem

Jill A. Lawler

Members

Richard M. Lema
Patrick W. Murray
Jesse Pugh

Town Manager

James R. Tierney

Town Clerk

Theresa C. Donovan, CMC

Town Solicitor

Mark A. Davis, Esq.

Please click the link below to join the webinar:

<https://zoom.us/j/94735939593?pwd=QXYyN2FRRGxqSkppaDBmaTRpa2YwZz09>

Passcode: 089290

Or iPhone one-tap :

13017158592,,94735939593#,,,,,0#,,089290# or +13126266799,,94735939593#,,,,,0#,,089290#

Or Telephone dial:

888 788 0099 (Toll Free) or 833 548 0276 (Toll Free) or 833 548 0282 (Toll Free) or 877 853 5247 (Toll Free)

Webinar ID: 947 3593 9593

Passcode: 089290

CALL TO ORDER:

PLEDGE OF ALLEGIANCE:

CONSENT AGENDA:

All items listed on the Consent Agenda are considered to be routine or have been previously reviewed by the Town Council, and will be enacted by one motion. There will be no separate discussion of these items unless a Councilmember so requests, in which event the item will be removed from the General Order of Business, and considered in its normal sequence on the Agenda.

1. A **MOTION** TO APPROVE the purchase of parts needed to repair the brine distribution system on Highway Division Truck #17 from Donovan Equipment Co., Inc. in the amount of \$4,334.40.

NEW BUSINESS:

TOWN COUNCIL

2. A **MOTION** TO READ, PASS AND ADOPT as a second reading an ordinance in amendment of Chapter 731 of the Code of Ordinances of the Town of Narragansett, Rhode Island, entitled "Zoning", specifically text revisions at Section 2.2 (Definitions) and a new Section 7.21 (Student Occupied Dwellings).
3. A **MOTION** TO SCHEDULE a work session with the Parks and Recreation Department regarding beach policies and fees for the 2021 season.

PARKS AND RECREATION DEPARTMENT

4. A **MOTION** TO APPROVE the request from St. Thomas More Church for a praise and worship concert at Gazebo Park on Sunday, August 30, 2020 from 6:00 PM to 9:00 PM, subject to state and local regulations.
5. A **MOTION** TO APPROVE the request from Generation Church for a church worship service at Gazebo Park on Sunday September 6, 2020 from 10:00 AM to 12:00 PM, subject to state and local regulations.

TOWN MANAGER

6. A **MOTION** TO AWARD the bid for General Plumbing/Pipe Fitting Services to the lowest bidder, Atlantic Control Systems, Inc., at their quoted rates, for a one-year period.
7. A **MOTION** TO APPROVE the emergency air quality and renovation improvements to the Finance Wing of the Town Hall from Abcore Restoration Co., Inc. and Automatic Temperature Controls, in the total amount of \$149,482.00.
8. A **MOTION** TO APPROVE the appointment of Mr. Wayne Pimental as the Town of Narragansett Building Official, with an annual salary of \$84,000.00, effective Monday September 14, 2020.

ADJOURNMENT:

This meeting is being called in accordance with all of Governor Gina M. Raimondo's Executive Orders in effect at the time of agenda posting.

Note: Documentation (if any) for items listed on this Agenda is available for public inspection, a minimum of 24 hours prior to the meeting, at any time during regular business hours at Town Clerk's Office, 25 Fifth Avenue, Narragansett, RI 02882. Interpreters for the hearing impaired can be made available at any meeting provided a request is received a minimum of three (3) business days prior to said meeting.

**TOWN OF NARRAGANSETT
COUNCIL COMMUNICATION**

CC: 1
Amend No. _____

Date Prepared: August 20, 2020
Council Meeting Date: August 24, 2020

TO: James Tierney, Town Manager
FROM: Stephen L Daignault Jr, Deputy Director of Public Works
PREPARED BY: Susan W. Gallagher, Purchasing Manager
SUBJECT: Repair Parts for Highway Truck 17

RECOMMENDATION:

That the Town Council approves the purchase of parts needed to repair the brine distribution system on Highway Division Truck #17 from Donovan Equipment Co., Inc. in the amount of \$4,334.40.

SUMMARY:

Highway Division Truck 17, a 2009 International 7400 4 X 2 Dump/Sander is in need of a specialized closed loop pump and motor assembly for brine distribution. This is a front line salt spreading/brine and plow truck for DPW. This a dealer item only/sole source item from Cirrus/Certified Systems. Donovan Equipment is the local dealer (NH).

In accordance with the Town of Narragansett Code of Ordinances, Section 70-326 and Rhode Island General Laws, Chapter 55, Section 45-55-8, I, the Purchasing Manager, have determined this to be a sole source item.

Funding is available in the Public Works Fleet Maintenance Division Operating Account #0001735 50504, Vehicle Maintenance/Repair.

ATTACHMENTS:

1. Quote dated 8/14/20 from Donovan Equipment Co.

**TOWN OF NARRAGANSETT
COUNCIL COMMUNICATION**

CC: 2
Amend No. _____

Date Prepared: August 20, 2020
Council Meeting Date: August 24, 2020

TO: HONORABLE TOWN COUNCIL
FROM: RICHARD LEMA, TOWN COUNCIL MEMBER
SUBJECT: ORDINANCE GOVERNING STUDENT RENTALS

RECOMMENDATION:

That the Town Council read, pass and adopt as a second reading an ordinance in amendment of Chapter 731 of the Code of Ordinances of the Town of Narragansett, Rhode Island, entitled "Zoning", specifically text revisions at Section 2.2 (Definitions) and a new Section 7.21 (Student Occupied Dwellings).

SUMMARY:

The Town Council has proposed ordinance amendments that would regulate the number of students allowed per dwelling unit when a dwelling is not owner-occupied.

A public hearing was conducted on August 17, 2020. The introduction and first reading was conducted on August 17, 2020.

ATTACHMENTS:

1. Proposed ordinance amendment

TOWN OF NARRAGANSETT

CHAPTER

**AN ORDINANCE IN AMENDMENT OF CHAPTER 731
OF THE CODE OF ORDINANCES OF THE
TOWN OF NARRAGANSETT, RHODE ISLAND, ENTITLED “ZONING”**

It is ordained by the Town Council of the Town of Narragansett as follows:

Section 1: That within Section 2.2 of the Zoning Ordinance, entitled “Definitions”, the following text is hereby added:

College Student. An individual enrolled as an undergraduate or graduate student at any university or college educational institution.

Section 2: That within Section 7 of the Zoning Ordinance, entitled “Supplementary Zoning Regulations”, the following new section and text are hereby added:

Section 7.21. – Student occupied dwellings.

A dwelling or dwelling unit shall not be occupied by more than three college students, unless the building in which the dwelling is located is owner occupied.

Section 3: This ordinance shall take effect upon passage, and all other ordinances or parts of ordinances inconsistent herewith are hereby repealed as of that date.

First reading, read and passed in the Town Council meeting legally assembled the _____day of _____, 2020.

Second reading, read and passed in the Town Council meeting legally assembled the ____day of _____, 2020.

ATTEST:

Theresa C. Donovan, CMC
Town Clerk

**TOWN OF NARRAGANSETT
COUNCIL COMMUNICATION**

CC: 3
Amend No.

Date Prepared: August 20, 2020
Council Meeting Date: August 24, 2020

TO: Honorable Town Council
FROM: Matthew M. Mannix, Town Council President
SUBJECT: Schedule Work Session with Parks and Recreation Department

RECOMMENDATION:

A MOTION TO SCHEDULE a work session with the Parks and Recreation Department regarding beach policies and fees for the 2021 season.

SUMMARY:

At the end of the beach season, the Parks and Recreation Department compiles statistics regarding the use of the beach, including revenue gained from parking, daily passes and other sources. The department, together with the Recreation Advisory Board, provides recommendations regarding beach policies and fees to the Town Council.

This work session provides the opportunity for the Council to discuss these recommendations and provide feedback. Our goals are to maintain a high quality town beach and ensure that the Beach Enterprise Fund stays financially strong.

After the work session, the proposed beach policies and fees will be placed on a Town Council agenda for approval. The suggested date for this work session is Monday, September 14, 2020.

**TOWN OF NARRAGANSETT
COUNCIL COMMUNICATION**

CC: 4
Amend No. _____

Date Prepared: August 20, 2020
Council Meeting Date: August 24, 2020

TO: James R. Tierney, Town Manager
FROM: Steve Wright, Director Parks and Recreation
SUBJECT: St. Thomas More Church Praise and Worship Concert

RECOMMENDATION:

That the Town Council approves the request from St. Thomas More Church for a praise and worship concert at Gazebo Park on Sunday, August 30, 2020 from 6:00 PM to 9:00 PM, subject to state and local regulations.

SUMMARY:

St. Thomas More Church is requesting permission to conduct a praise and worship concert with singer Ryan Trembley at Gazebo Park on Sunday August 30, 2020 from 6:00 PM to 9:00 PM, with a rain date of Sunday September 6, 2020.

The praise and worship concert will be conducted in compliance with the REOPENING RI Health Department guidelines (currently in Phase 3, but if necessary, under any modifications or reversals as well). The wearing of face coverings will be enforced when walking amongst others in the public during the event. Face coverings will be distributed by St. Thomas More staff to anyone who shows up without them. Social distancing (6' or more) will be expected and directed by St. Thomas More staff. Attendance will be limited to the allowed 250 people (with proper social distancing and face coverings) at Gazebo Park. Number of participants is expected at approximately 100 people.

Liability Insurance naming the Town of Narragansett "as additionally insured" will be provided prior to the event.

ATTACHMENTS:

1. Facility Use Form



Narragansett Parks & Recreation

Facility Use Form

170 Clark Road
Narragansett, RI 02882
401-782-0658

Organization (If applicable):

St. Thomas More Church

Contact Person:

Lynn Bamford

Phone:

401-486-7616 Fax:

Email:

lebamford5@gmail.com

Date of Birth:

7/19/63

Time requested must include preparation and cleanup. Facility request is not approved until you receive signed confirmation from the Parks and Recreation Department.

Event:

Praise : Worship - Christian Singer - Ryan Tremblay

Number of Participants:

100

* Dates:

Sun, Aug 30th, 2020

Start Time:

6:00

End Time:

9:00

Please give a brief description of your event (Please attach further documentation if needed):

Christian Singer, Ryan Tremblay, will perform at the gazebo

* Rain Date - Sunday, Aug. 6th, 2020

Requested Facility(s)

Big Sprague

Tennis Building

Clarke Road

Christofaro Park

Little Sprague

George C

Boon Street

Town Beach

Eastwood Look

Other gazebo

Lights will be needed at the facility I am requesting

Area(s) Requested

Baseball Field

Basketball Court

Lower Soccer Field

Tennis Court

Upper Soccer Field

Playground Area

Participation Waiver

In consideration of the use of a Narragansett Parks and Recreation Facility, I hereby waive, release and discharge any and all claims for damages for death, personal injury, or property damage which I may have, or which hereafter accrue to me as a result of my use of the reserved facility. This release is intended to discharge in advance the Town of Narragansett, and all of its officers, agents and employees from and against any and all liability arising out of or connected with the use of said facility. It is understood by my signature below that I have agreed that this waiver, release and assumption of risk is to be binding on my heirs, personal representatives, next of kin, spouse and assigns. The signature below indicates the requesting group or individual it is in agreement with all Narragansett Parks and Recreation facility use procedures and the participation waiver. Drones or UAS are not permitted on Town Property without a permit.

Note: Permit may be revoked at any given time by this department

In consideration of the issuance of this permit, the above agrees to pay for any and all damages that may be incurred in connection with use of same.

Fee Due: \$ 150

Signature: Fr. Maurice Tark

Date: 8/15/2020

Director's Signature: [Signature]

Date: 8/20/20

**TOWN OF NARRAGANSETT
COUNCIL COMMUNICATION**

CC: 5
Amend No. _____

Date Prepared: August 20, 2020
Council Meeting Date: August 24, 2020

TO: James R. Tierney, Town Manager
FROM: Steve Wright, Director Parks and Recreation
SUBJECT: Generation Church Worship Service

RECOMMENDATION:

That the Town Council approves the request from Generation Church for a church worship service at Gazebo Park on Sunday, September 6, 2020 from 10:00 AM to 12:00 PM, subject to state and local regulations.

SUMMARY:

Generation Church is requesting permission to conduct a worship service at Gazebo Park on Sunday September 6, 2020 from 10:00 AM to 12:00 PM with set-up starting at 8:00 AM.

The worship service will be conducted in compliance with the REOPENING RI Health Department guidelines (currently in Phase 3, but if necessary, under any modifications or reversals as well). The wearing of face coverings will be enforced when walking amongst others in the public during the event. Face coverings will be distributed by Generation Church staff to anyone who shows up without them. Social distancing (6' or more) will be expected and directed by Generation Church staff. Attendance will be limited to the allowed 250 people (with proper social distancing and face coverings) at Gazebo Park. Number of participants is expected at approximately 100 people.

Liability Insurance naming the Town of Narragansett "as additionally insured" will be provided prior to the event.

ATTACHMENTS:

1. Facility Use Form



Narragansett Parks & Recreation

Facility Use Form

170 Clark Road
Narragansett, RI 02882
401-782-0658

Organization (If applicable):

Generation Church

Contact Person: Stephen Mook Phone: 401-465-5970 Fax: _____

Email: Stephen@generationchurchri.org

Time requested must include preparation and cleanup. Facility request is not approved until you receive signed confirmation from the Parks and Recreation Department.

Event: Church Worship Service Number of Participants: 100

Dates: September 6, 2020 Start Time: 8 AM 10 AM End Time: 12 pm
set up for service

Please give a brief description of your event (Please attach further documentation if needed):

We have had the opportunity to do a outside worship gathering at the Gazebo in the past and were hoping to have a smaller gathering this year with social distancing, for our community that makes up many people in Narragansett and throughout South County.

Requested Facility(s)

- Big Sprague
- Clarke Road
- Little Sprague
- Boon Street
- Eastwood Look
- Lights will be needed at the facility I am requesting
- Tennis Building
- Christofaro Park
- George C
- Town Beach
- Other (Gazebo park)

Area(s) Requested

- Baseball Field
- Lower Soccer Field
- Upper Soccer Field
- Basketball Court
- Tennis Court
- Playground Area

Participation Waiver

In consideration of the use of a Narragansett Parks and Recreation Facility, I hereby waive, release and discharge any and all claims for damages for death, personal injury, or property damage which I may have, or which hereafter accrue to me as a result of my use of the reserved facility. This release is intended to discharge in advance the Town of Narragansett, and all of its officers, agents and employees from and against any and all liability arising out of or connected with the use of said facility. It is understood by my signature below that I have agreed that this waiver, release and assumption of risk is to be binding on my heirs, personal representatives, next of kin, spouse and assigns. The signature below indicates the requesting group or individual it is in agreement with all Narragansett Parks and Recreation facility use procedures and the participation waiver. Drones or UAS are not permitted on Town Property without a permit.

Note: Permit may be revoked at any given time by this department

In consideration of the issuance of this permit, the above agrees to pay for any and all damages that may be incurred in connection with use of same.

Fee Due: \$150.00

Signature: Stephen Mook Date: 8/19/2020

Director's Signature: _____ Date: 8/20/20

**TOWN OF NARRAGANSETT
COUNCIL COMMUNICATION**

CC: 6

Amend No. _____

Date Prepared: July 14, 2020

Council Meeting Date: August 24, 2020

TO: James Tierney, Town Manager

FROM: Susan W. Gallagher, Purchasing Manager

SUBJECT: Award of bid – General Plumbing/Pipe Fitting Services

RECOMMENDATION:

That the Town Council awards the bid for General Plumbing/Pipe Fitting Services to the lowest bidder, Atlantic Control Systems, Inc., at their quoted rates, for a one-year period.

SUMMARY:

This bid was for services to perform routine and emergency plumbing maintenance and repairs to all Narragansett Town and School buildings/facilities at a flat rate per hour and at a maximum defined mark-up for parts and materials. The duration of this contract is one year from the date of award (August 17, 2020 – August 16, 2021), with an option to extend the contract annually upon agreement between the Town and the vendor. All work in excess of \$4,000.00 will be placed on the Council Agenda for approval.

Request for bids was advertised in the Narragansett Times, solicited and posted on the Town of Narragansett and State Purchasing Division websites. Four (4) vendors were solicited and two (2) responded. The attached spreadsheet lists the results from the solicitation. Atlantic Control Systems, Inc.'s hourly rates comply with the State of Rhode Island's prevailing wage requirements.

Funding is available in the respective departmental operating or capital projects accounts.

ATTACHMENTS:

1. July 13, 2020 solicitation spreadsheet for bid opening.

Town of Narragansett, RI				
General Plumbing and Pipe Fitting Services, B20022				
Purchasing for All Departments				
Bid Opening - Monday, July 13, 2020 - 11:00 am				
	Vendor 1		Vendor 2	
Item	Stedman & Co.		Atlantic Control	
	Plumbing & Heating		Systems, Inc.	
	Price		Price	
1. Regular Service - 5 day response				
a. Master Plumber/Pipe Fitt - per hour	\$150.00		\$117.00	
b. Journeyman Plumber - per hour	\$150.00		\$117.00	
c. Apprentice - per hour	\$70.00		\$85.00	
2. Emergency Serv/Reg hrs- 2 hr response				
a. Master Plumber/Pipe Fitt - per hour	\$225.00		\$117.00	
b. Journeyman Plumber - per hour	\$225.00		\$117.00	
c. Apprentice - per hour	\$105.00		\$85.00	
3. Emergency Serv/N/W/Hol- 2 hr response				
a. Master Plumber/Pipe Fitt - per hour	\$300.00		\$157.00	
b. Journeyman Plumber- per hour	\$300.00		\$157.00	
c. Apprentice - per hour	\$140.00		\$125.00	
4. Mark-up for parts & materials (%)	20%**		15%	
5. Mark-up for equipment (%)	5%		15%	
	<i>**cannot exceed</i>			
	15%			
Sg B20022				

**TOWN OF NARRAGANSETT
COUNCIL COMMUNICATION**

CC: 7
Amend No. _____

Date Prepared: August 20, 2020
Council Meeting Date: August 24, 2020

TO: James Tierney, Town Manager
FROM: Stephen L Daignault Jr, Deputy Director of Public Works
PREPARED BY: Susan W. Gallagher, Purchasing Manager
SUBJECT: Air Quality and Renovation Improvements for Finance Department

RECOMMENDATION:

That the Town Council approves the Emergency Air Quality and Renovation Improvements to the Finance Wing of the Town Hall from Abcore Restoration Co., Inc. and Automatic Temperature Controls, in the total amount of \$149,482.00.

SUMMARY:

There is a high level of moisture in the lower level of Town Hall, in the Finance Wing, creating seriously low air quality levels. This has resulted with areas of mold development, respiratory and headaches issues with employees in the Finance wing of Town Hall. Other areas of concern are the wetness of the furniture, rug and paper that can ultimately damage expensive equipment. The Finance Wing has been running de-humidifiers and four (4) air conditioners constantly, between 68-70 degrees, in order to curtail the moisture with little or no success in reducing the moisture.

There is an immediate need to resolve this issue for the safety of the staff and the general public. Automatic Temperature Controls, Inc. was consulted to establish options available and it was ascertained that a professional, commercial quality grade HVAC system be installed as soon as possible. One of main recommendations for re-opening businesses during the COVID-19 pandemic is good ventilation. The recommendation is taking steps to increase the total airflow supply and the percentage of outdoor air. A new HVAC system with UV disinfection can provide that ventilation. Every microorganism, including coronavirus, requires a specific UVC dosage for inactivation. The recommended HVAC system has the UV disinfection system that will also reduce mold and other pathogens.

The expenses for the HVAC system will be submitted to FEMA for reimbursement for eligible items. This reimbursement could be up to 75% of the total cost of the HVAC project.

In conjunction with the install of an HVAC system, office renovations are needed. These renovations will streamline the productivity and efficiency of the Finance Department. It is more cost effective, practical, and less disruptive to conduct both projects simultaneously.

Automatic Temperature Controls, Inc. dba C.H.A.C. holds the State MPA #126 for HVAC services and has submitted an estimate of \$126,742.00 for the HVAC Project.

Abcore Restoration Company, Inc. holds the current contract for General Construction Services (contract extension approved by Town Council on May 18, 2020). Under the current Town Council policy, projects with a value of over \$4,000.00 under this format require Town Council approval. Abcore has submitted an estimate of \$22,740.00 for the project excluding the finish ceiling work, which is, yet to be determined.

Total funding for the project is \$149,482.00.

Funding is available in the Public Works Department Capital Projects Account #00200710 57520, Town Hall Renovations.

ATTACHMENTS:

1. Proposal from Automatic Temperature Controls, Inc. dba C.H.A.C.
2. Proposal from Abcore Restoration Company, Inc.
3. Addition Product Information.

Automatic Temperature Controls, Inc. dba C.H.A.C.

95 Connecticut Street Cranston RI, 02920
Phone: (401) 946-5780 Fax: (401) 946-5795
E-mail: Jlussier@autotempcontrols.com
An Equal Opportunity Employer

August 14, 2020

Narragansett Town Hall
VRF System for the Finance Area

PROPOSAL REVISION NO.: 0

Dear Steve,

Thank you for the opportunity to propose installing a Mitsubishi system VRF System to add heating and cooling to the finance area. The system was selected to resolve the major problem and the layout of the space. The pricing options for UV lights for each head to fight viruses, bacteria & mold. Dehumidifiers that would be built into the wall with auto drains to maintain 40 to 60% humidity. ERV units that would provide fresh air to the areas to maintain 3 to 5 air changes as required for Covid 19 restrictions. We are pleased to present the following proposal for your review and consideration, based upon our sites visits and discussions.

Automatic Temperature Controls is on the RI MPA #136 - HVAC Repairs, RI MPA # 199 - Pipefitting, RI MPA #508 - Energy Services

SCOPE OF WORK

Automatic Temperature Controls, Inc. will supply the below mentioned labor, materials and equipment for your project.

- 1 ***Install a 10 ton condensing unit with three 2 ton heads and five 09 head.***
 - 1.1 Install condensing unit on pad provided.
 - 1.2 Install Qt. 3 - 2 ton heads
 - 1.3 Install Qt. 5 – 09 heads
 - 1.4 Core holes in the building for refrigeration lines and electrical.
 - 1.5 Pipe refrigeration lines as needed.
 - 1.6 Install condensate piping as needed
 - 1.7 Wire units as needed to complete system.
 - 1.8 Evacuate refrigeration piping to 500 microns.
 - 1.9 Charge unit to proper level.
 - 1.10 Startup and Test unit for proper operation and set as primary unit.
- 2 ***UV light to the new units fight viruses, Covid 19, bacteria & mold***
 - 2.1 Install lights and wire.
 - 2.2 Test operation
- 3 ***Install Wall Dehumidifier best outcome would require 3 unit one in each main areas).***
 - 3.1 Install units as needed.
 - 3.2 Wire units and install condensate piping.
 - 3.3 Start and test operation.

4 Install ERV Units (Per the future layout 2 units will be needed to cover the requirements).

4.1 Install ERV units.

4.2 Core holes as needed for ductwork.

4.3 Install ducting from the ERVs to the head, Exhaust Rgd's to REV and ERV out and into the outside.

4.4 Wire units

4.5 Start and test operation.

The following items are also included in your project.

- Work hours from 7:00 AM-3:30 PM, Mondays through Fridays; excluding weekends, nights and holidays.
- Our installation will conform to applicable codes in force at the time of this proposal.
- *Automatic Temperature Controls, Inc.* will only use licensed, in-house HVAC Technicians or properly licensed subcontractors.
- RI Prevailing Rates apply to this project.

Our proposal does not include the following items.

- Asbestos Containing Material (ACM) related work.
- Condensing unit pad.

Any work deemed outside of this proposal's *Scope of Work* will be immediately presented to you, along with a corresponding recommendation and associated fee or credit for the recommended work, before commencing.

SCHEDULE

The major equipment required for this project is approximately a 3 - 6 weeks lead-time. At the present time, we are able to commence work on this project about one (1) week after receipt of your Task Order number and permission to proceed. Please note, our schedule is a "best efforts" one and may change before or during the project's installation. We will communicate changes in the initial installation schedule with as much advanced notice as possible.

FEE

Based upon the above *Scope of Work* and *Schedule*, our *Fee* for this project is...

Total project \$126,742.00

Our proposal is valid for 30 days from the above date. After 30 days, we will be happy to resubmit our proposal. We will submit one (1) invoice upon completion of the installation and beneficial use of the system. Invoice payments are due 30 calendar days after submittal. Late payments will be assessed a 1.5% fee per month, equal to an annual percentage of 18.0%.

WARRANTY

We will provide warranty service to repair or replace defects associated with labor, materials, and major equipment on the systems we install for a period of one (1) year from our startup date. All Original Equipment Manufacturers' (OEM) warranties extending beyond one (1) year will be transferred to you, when our warranty period ends. During our warranty period, you will be able to contact us 24 hours per day and 7 days per week to report any problems with your new system. There is not any charge for our warranty calls during this period, regardless of the day or time. However, it is important to note our warranty service does not cover events due to misuse, poor or no preventive maintenance, lack or misunderstanding of system operation, work performed on the system by anyone other than *Automatic Temperature Controls* and similar situations. These types of situations will be billed at our applicable hourly rate.

If you have any questions concerning our proposal, please do not hesitate to call me in the office at 946-5780 or on my cellular phone at 401-640-9948. Thank you

Cordially,

John Lussier
Operations Manager / Sales

Approval Signature: _____ Date: _____

Printed Name and Title: _____ Purchase Order Number: _____

Phone (401) 952-5857
 Fax (401) 782-2578

abc core@cox.net
 www.abc corerestoration.com

ABCORE RESTORATION
 COMPANY, INC.

2 SECLUDED DRIVE
 NARRAGANSETT, RI
 02882

Estimate

Date	Estimate #
8/20/2020	40

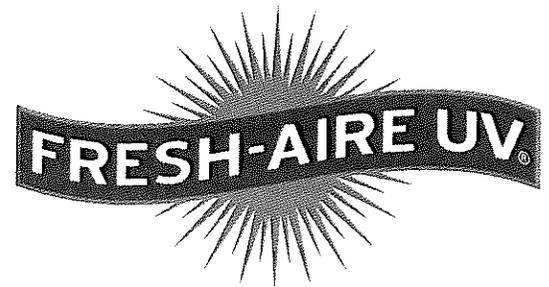
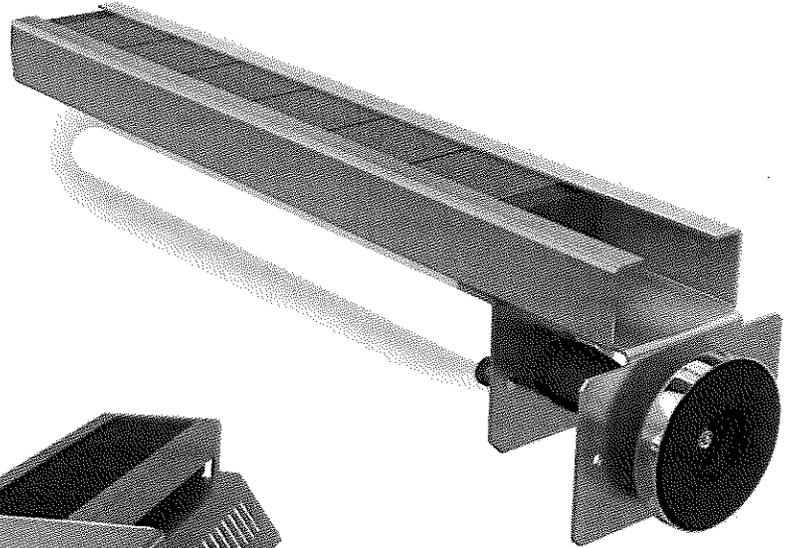
Name / Address
Town Hall Narragansett 25 Fifth Avenue Narragansett, RI 02882 Attention Mike Diccico

Project
Finance Wing

Description	Qty	Total
Town of Narragansett, 25 Fifth Avenue, Narragansett, RI 02882 Renovations for Finance Wing Town Hall Reconstruct Office Layout according to plan Includes all selective demolition, new partitions to accommodate proposed layout, doorways and doors, trim and finish work all according to code and finance wing plan Suspended ceiling and flooring work will be defined per required HVAC access and chase work. Total includes all material and labor according to prevailing wage		22,740.00

Total	\$22,740.00
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DETOX THE AIR



APCO®

Family of Air Treatment Systems

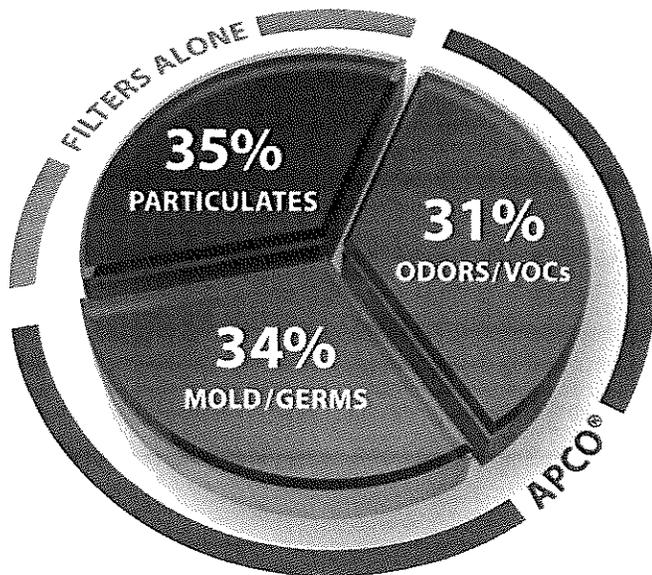
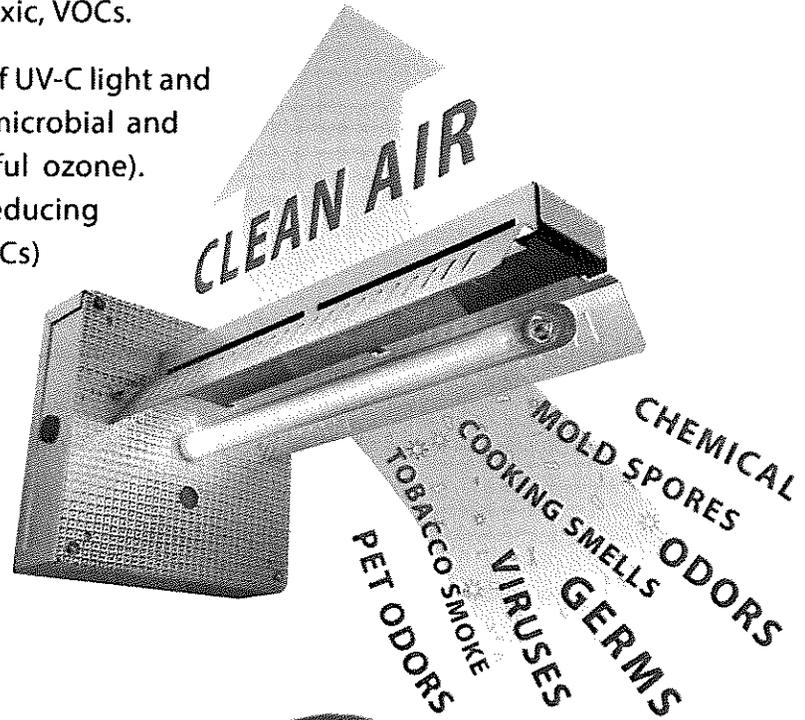
APCO®

Indoor Air Quality Innovation

Detox the Air with APCO®

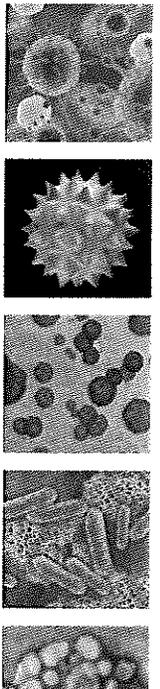
According to the EPA, indoor air pollution is often five times worse than outside air. The occupants of our homes and offices may face significant health risks from airborne contaminants such as mold, bacteria, and odor-causing, potentially toxic, VOCs.

APCO® products feature a unique combination of UV-C light and activated carbon which achieves unmatched microbial and odor reduction (without producing any harmful ozone). This technology is particularly effective at reducing odor-causing volatile organic compounds (VOCs) which include toxic chemical vapors like formaldehyde and toluene.



The Whole Pie

Airborne contaminants can be divided roughly into thirds. Conventional filtration is effective against particulates, like dust, but has no effect on the other two thirds. APCO® is proven to safely reduce both VOCs and biological contaminants inside the air system and throughout the home.



APCO®

Family of Products

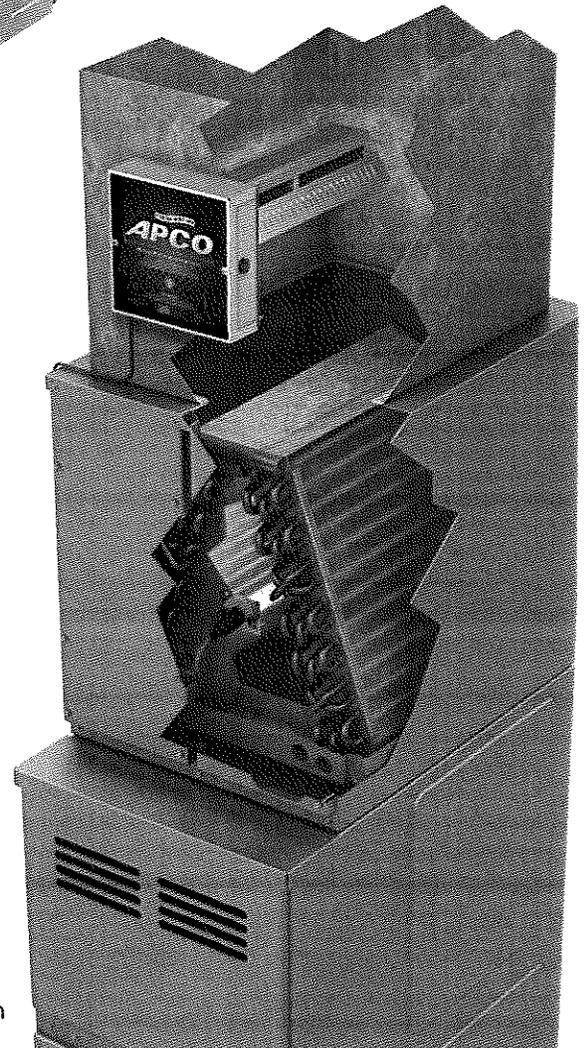
APCO®

The original duct-mount APCO® is suitable for most furnaces and air handlers (3-7 tons). It features six activated carbon PCO cells and is available with either a low-voltage (18-32 VAC) or high-voltage (120-277 VAC) internal power supply. APCO® Dual systems include a second remote UV lamp for additional coil disinfection.



APCO® RT

APCO® RT is also duct-mounted and is designed for use in smaller HVAC systems (1-5 tons), particularly where space is limited. It features four activated carbon PCO cells and is available with either a low-voltage (18-32 VAC) or high-voltage (120-277 VAC) external power supply. APCO® RT Dual systems include a second remote UV lamp for additional coil disinfection.

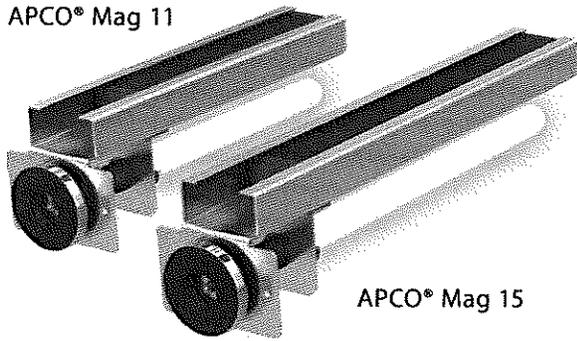


APCO® furnace installation

APCO® Mag

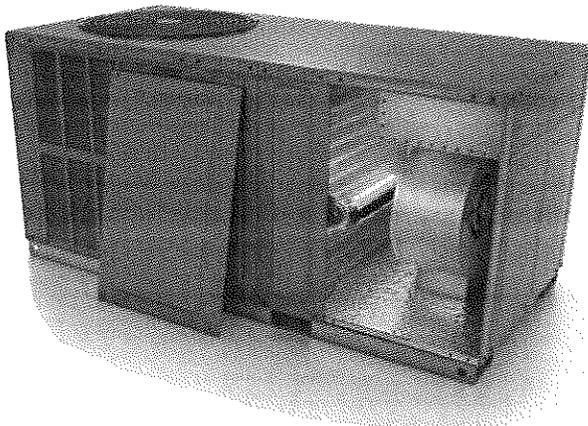
APCO® Mag is designed with a magnet mount for easy installation inside the air system. APCO® Mag is available in two lengths: APCO® Mag 15 features six activated carbon PCO cells, APCO® Mag 11 features four activated carbon PCO cells, both are available with either low-voltage (18-32 VAC) or high-voltage (120-277 VAC) external power supplies.

APCO® Mag 11



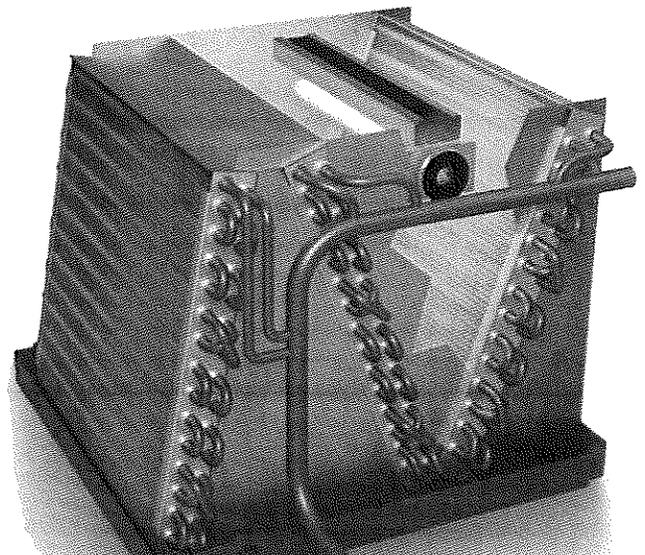
APCO® Mag 15

Dual APCO® Mag 15



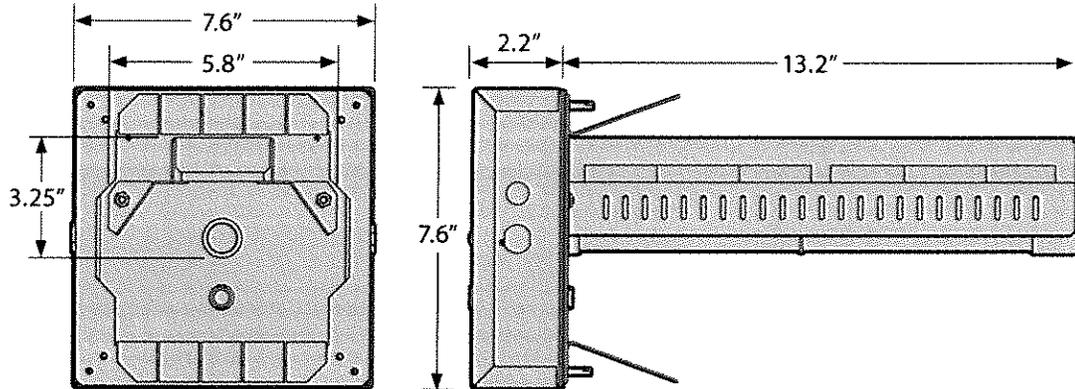
APCO® Mag in package unit

APCO® Mag in
"N" coil



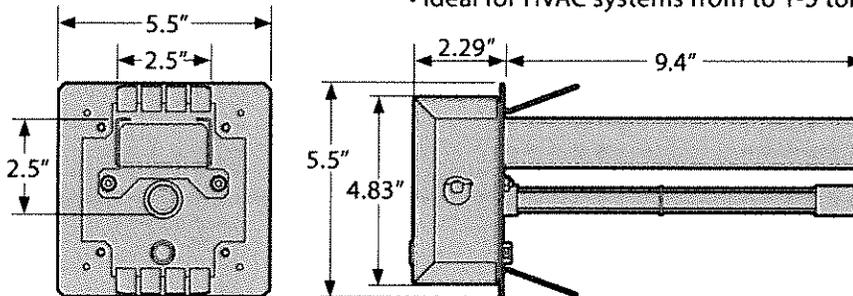
APCO

- High or low-voltage internal power supply
- Slotted flanges enhance air flow
- Ideal for HVAC systems from to 3-7 tons



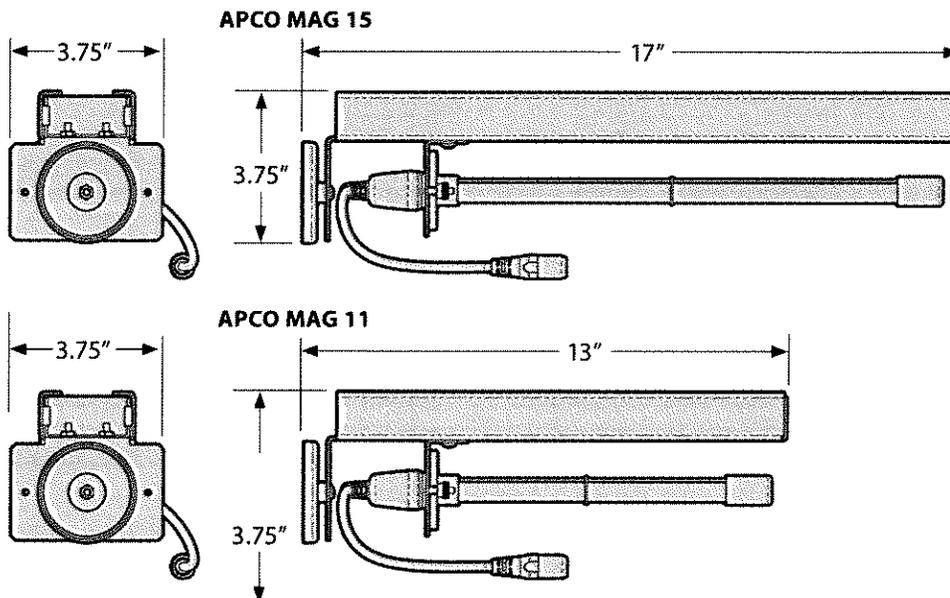
APCO RT

- High or low-voltage remote power supply
- Requires only 10" clearance within the duct
- Ideal for HVAC systems from to 1-5 tons



APCO MAG

- High or low-voltage remote power supply
- Removable magnet for internal mounting
- Ideal for package units



APCO Specifications

UV Lamp	254 nm germicidal UV-C, quartz hot filament
Dimensions	Cell & Lamp: 5.8"W x 3.25"H x 13.2"D Enclosure: 7.6"L x 7.6"W x 2.2"D
ER models Electrical	18-32 VAC, 60 Hz, 0.68 Amps, 16 VA
SI/DT models Electrical	120-277 VAC, 50/60 Hz, 0.51 Amps/120V Thru 0.22 Amps/277V
Pressure Drop	<0.01" w.c. @ 400 FPM
Warranty	Lifetime for all parts except lamp

Part Numbers

18-32 VAC	Replacement Lamp	
TUV-APCO-ER	1 Year Lamp	TUVL-115
TUV-APCO-ER2	2 Year Lamp	TUVL-215
18-32 VAC with 2nd UV Lamp for Coils	Replacement Lamps	
TUV-APCO-DER	1 Year Lamp	TUVL-115 & TUVL-115P
TUV-APCO-DER2	2 Year Lamp	TUVL-215 & TUVL-215P
120-277 VAC	Replacement Lamp	
TUV-APCO-SI*	1 Year Lamp	TUVL-115
TUV-APCO-SI2*	2 Year Lamp	TUVL-215
120-277 VAC with 2nd UV Lamp for Coils	Replacement Lamps	
TUV-APCO-DI*	1 Year Lamps	TUVL-115 & TUVL-115P
TUV-APCO-DI2*	2 Year Lamps	TUVL-215 & TUVL-215P

APCO RT Specifications

UV Lamp	254 nm germicidal UV-C, quartz hot filament
Dimensions	Cell & Lamp: 2.5"W x 2.5"H x 9.4"D Enclosure: 4.83"L x 4.83"W x 2.29"D
ER models Electrical	18-32 VAC, 60 Hz, 0.68 Amps, 16 VA
ST/DT models Electrical	120-277 VAC, 50/60 Hz, 0.51 Amps/120V Thru 0.22 Amps/277V
Pressure Drop	<0.01" w.c. @ 400 FPM
Warranty	Lifetime for all parts except lamp

Part Numbers

18-32 VAC	Replacement Lamp	
TUV-APCO-RT-ER	1 Year Lamp	TUVL-111
TUV-APCO-RT-ER2	2 Year Lamp	TUVL-211
120-277 VAC	Replacement Lamp	
TUV-APCO-RT-ST	1 Year Lamp	TUVL-111
TUV-APCO-RT-ST2	2 Year Lamp	TUVL-211
120-277 VAC with 2nd UV Lamp for Coils	Replacement Lamps	
TUV-APCO-RT-DT	1 Year Lamps	TUVL-111 & TUVL-115
TUV-APCO-RT-DT2	2 Year Lamps	TUVL-211 & TUVL-215

APCO Mag Specifications

UV Lamp	1 Year (part #s TUVL-111P, TUVL-115P) 254 nm UVC Quartz Hot Filament
	2 Year (part #s TUVL-211P, 215P) 254 nm UVC Shielded Quartz Hot Filament
PCO Cell	Advanced monolithic absorptive PCO cell with proprietary absorption media and proven TiO ₂ photo-catalyst
Pressure Drop	<0.01" w.c. @ 400 FPM
Dimensions	APCO MAG11 5.5"W x 4"H x 13"D APCO MAG15 5.5"W x 4"H x 17"D
Pressure Drop	<0.01" w.c. @ 400 FPM
Electrical ER Series	18-32 VAC, 60 Hz, 0.68 Amps, 16 VA Low-voltage power-supply
Electrical ST / DT Series	120-277 VAC, 50/60 Hz, 0.51 Amps/120V Thru 0.22 Amps/277V High-voltage power-supply
Warranty	Lifetime for all parts except lamp

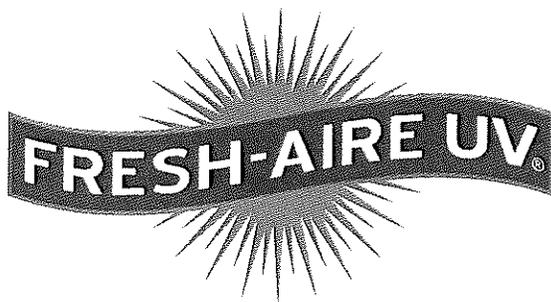
APCO Mag 11 Part Numbers

18-32 VAC	Replacement Lamp	
TUV-APCO-MAG11-ER	1 Year Lamp	TUVL-111P
TUV-APCO-MAG11-ER2	2 Year Lamp	TUVL-211P
120-277 VAC	Replacement Lamp	
TUV-APCO-MAG11-ST	1 Year Lamp	TUVL-111P
TUV-APCO-MAG11-DT	1 Year Lamp Dual	TUVL-111P & TUVL-115P
TUV-APCO-MAG11-ST2	2 Year Lamp	TUVL-211P
TUV-APCO-MAG11-DT2	2 Year Lamp Dual	TUVL-211P & TUVL-215P

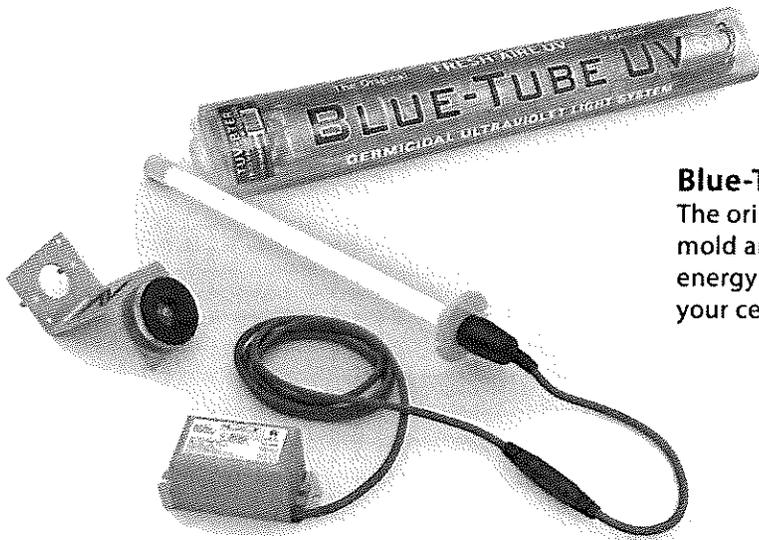
APCO Mag 15 Part Numbers

18-32 VAC	Replacement Lamp	
TUV-APCO-MAG15-ER	1 Year Lamp	TUVL-111P
TUV-APCO-MAG15-ER2	2 Year Lamp	TUVL-211P
120-277 VAC	Replacement Lamp	
TUV-APCO-MAG15-ST	1 Year Lamp	TUVL-115P
TUV-APCO-MAG15-DT	1 Year Lamp Dual	TUVL-115P (x 2)
TUV-APCO-MAG15-ST2	2 Year Lamp	TUVL-215P
TUV-APCO-MAG15-DT2	2 Year Lamp Dual	TUVL-215P (x 2)



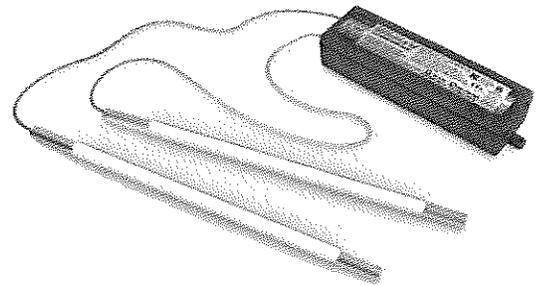


More Residential IAQ Products from Fresh-Aire UV



Blue-Tube UV®

The original, patented, low-voltage UV light kit kills mold and germs on the coil and in the air. Saves energy and reduces maintenance costs by keeping your central air system clean.



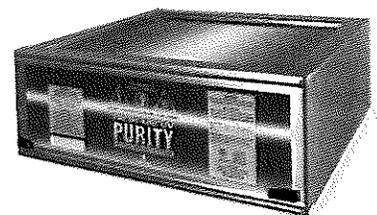
Mini UV™

The first germicidal UV light designed specifically for Mini Splits and other limited-space applications. 9" UV-C lamps fit in the tightest spaces.



AHU Series 1

Mounts in the air handler for maximum UV effect. Heavy-duty moisture resistant components. Many options available.

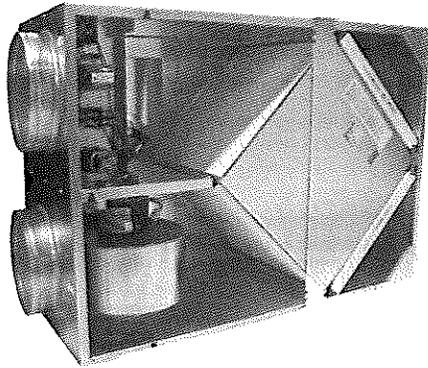


Fresh-Aire UV® Purity

The ultimate whole-house air purification system. Advanced filtration with germ-killing UV-C light and PCO odor control.



INDOOR UNIT



Download specification at:
renewaire.com/specifications

Energy Recovery Ventilator
Standard



SPECIFICATIONS

Ventilation Type:
Static plate, heat and humidity transfer

Typical Airflow Range: 250-925 CFM

AHRI 1060 Certified Core: One L125-G5

Standard Features:
Non-fused disconnect
24 VAC transformer/relay package
Cross-core differential pressure ports

Filters:
Total qty. 2, MERV 8: 20" x 20" x 2"

Unit Dimensions & Weight:
54 3/4" L x 23 3/4" W x 35 3/4" H
204-275 lbs., varies by option(s)

Max. Shipping Dimensions & Weight (on pallet):
63" L x 30" W x 56" H
325 lbs.
Accessories box shipped loose on top of unit.

Motor(s):
Qty. 2, 0.75 HP ea., Direct drive blower/standard motor packages

Options:
Qty. 2, Variable Speed/ECM - Direct Drive Motors (see HE1XINH EC Motor submittal) - 0.5 HP, 120V/1Ph/60HZ, 0.5 HP, 208-230V/1Ph/60HZ
Independent blower control
Fused disconnect
Integrated programmable controls - enhanced, premium
Bypass economizer damper (see bypass DIM drawing) - dry-bulb temperature controls (standard), enthalpy controls (option)
Low-leakage motorized isolation dampers - OA, RA or both airstreams
Qty. 2, Factory mounted filter alarms - both airstreams
Double wall construction
Exterior paint - white, custom colors

Accessories:
Filters - MERV 13, 2" (shipped loose)
Backdraft damper 12"
Motorized isolation damper - both airstreams
Wall cap 12" - galvanized, paintable galvanneal
Solid state speed control kit - 115V, 208-230V (1 required per motor)
Digital time clock - wall mount (TC7D-W), in exterior enclosure (TC7D-E)
Carbon dioxide sensor/control - wall mount (CO2-W), duct mount (CO2-D)
IAQ sensor - wall mount (IAQ-W), duct mount (IAQ-D)
Motion occupancy sensor/control - ceiling mount (MC-C), wall mount (MC-W)
Smoke Detector - duct mount (SD-D)
Electric duct heater - RH series (1-11.5 kW); EK series (1-175 kW); designed for indoor ductwork installation only
Indirect gas-fired duct furnace - GH series (50-400 MBH), installed downstream of any fans

AIRFLOW PERFORMANCE

Motor HP Phase	External Static Pressure (Inches Water Column)						
	0.0	0.25	0.5	0.75	0.9	1.25	1.5
0.75 Single Phase	970 CFM 1,490 Watts	925 CFM 1,375 Watts	860 CFM 1,270 Watts	795 CFM 1,160 Watts	750 CFM 1,090 Watts	635 CFM 950 Watts	480 CFM 825 Watts
0.75 Three Phase	970 CFM 1,246 Watts	925 CFM 1,158 Watts	860 CFM 1,039 Watts	795 CFM 928 Watts	750 CFM 856 Watts	635 CFM 691 Watts	480 CFM 509 Watts

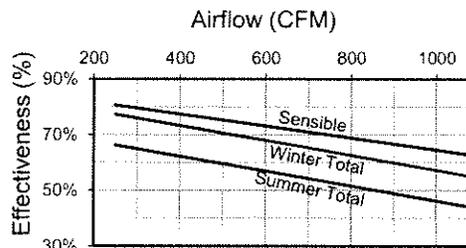
Note: Watts is for the entire unit (two motors).

Note: Airflow performance includes effect of clean, standard filter supplied with unit.

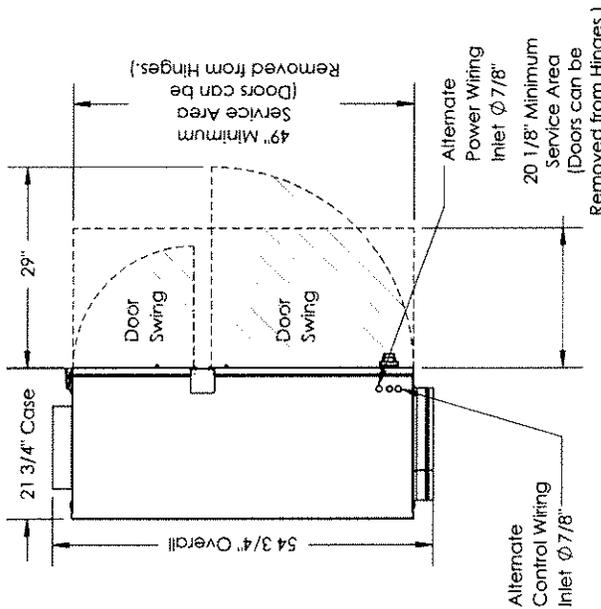
ELECTRICAL DATA

HP	Volts	HZ	Phase	FLA per motor	Min. Cir. Amps	Max. Overcurrent Protection Device
0.75	120	60	Single	9.0	20.3	25
0.75	208-230	60	Single	4.5	10.1	15
0.75	277	60	Single	3.9	8.8	15
0.75	208-230	60	Three	1.7-2.3	5.2	15
0.75	460	60	Three	1.15	2.6	15

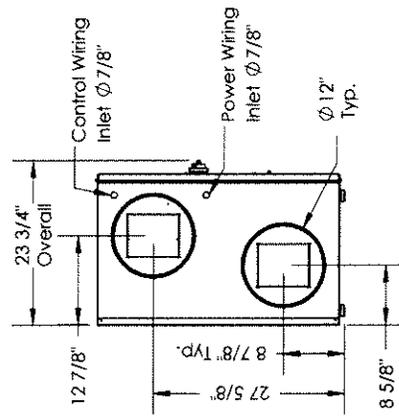
CORE PERFORMANCE



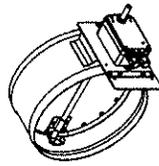
At AHRI 1060 standard conditions. See all AHRI certified ratings at www.ahrinet.org.



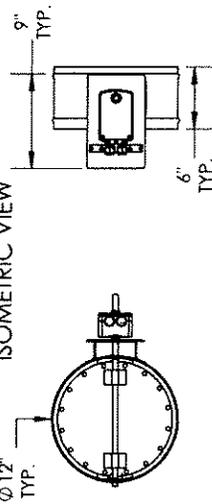
TOP VIEW



LEFT VIEW

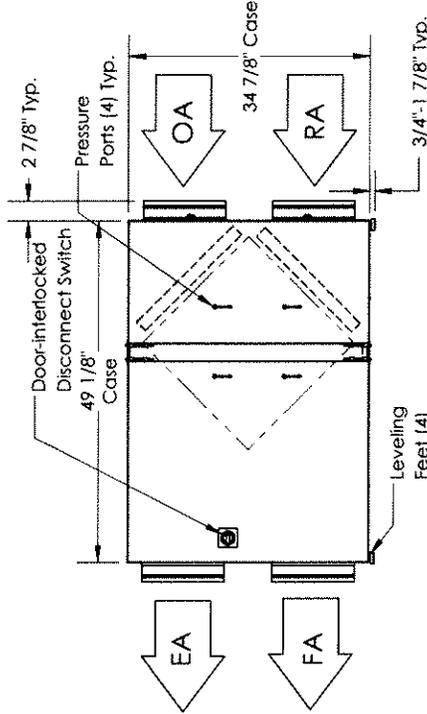


ISOMETRIC VIEW

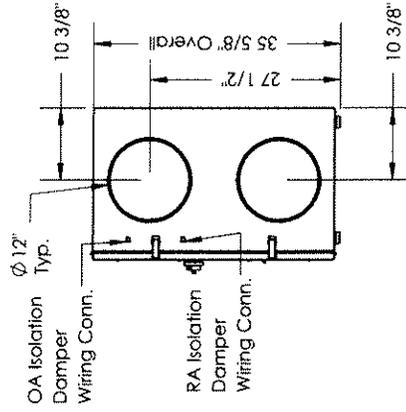


FRONT VIEW (OA/RA) DAMPER OPTION (QTY.2) (SHIPPED LOOSE) SCALE 1:16

RIGHT VIEW



FRONT VIEW



RIGHT VIEW

ABBREVIATIONS

- EA: Exhaust Air to Outside
- OA: Outside Air Intake
- RA: Room Air to be Exhausted
- FA: Fresh Air to Inside

INSTALLATION ORIENTATION

Unit may be installed in any orientation.

NOTE

- UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE ROUNDED TO THE NEAREST EIGHTH OF AN INCH.
- SPECIFICATIONS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE.
- DAMPERS SHIPPED LOOSE. FIELD INSTALLATION REQUIRED.

AIRFLOW CONFIGURATION
Available as shown in dimension drawing.

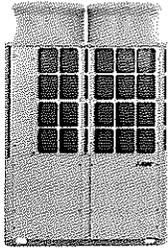


UNIT MOUNTING & APPLICATION
Can be mounted in any orientation. RA/EA airstream can be switched with OA/FA airstream unless certain options are selected.

Job Name:

System Reference:

Date:



OUTDOOR VRF HEAT PUMP SYSTEM

UNIT OPTION

- Standard Model PUHY-EP120TNU-A
- Seacoast (BS) Model PUHY-EP120TNU-A-BS

ACCESSORIES

- Joint Kit for details see Pipe Accessories Submittal
- Low Ambient Kit for details see Low Ambient Kit Submittal
- Snow/Hail Guards Kit for details see Snow/Hail Guards Kit Submittal
- Panel Heater Kit for details see Panel Heater Kit Submittal

Specifications		Model Name	
Unit Type		PUHY-EP120TNU-A (-BS)	
Nominal Cooling Capacity	Btu/h	120,000	
Nominal Heating Capacity	Btu/h	135,000	
Guaranteed Operating Range *1	Cooling (Outdoor) *2	23~126°F (-5~52°C)	
	Heating (Outdoor) *3	-13~60°F (-25~15.5°C)	
Extended Operating Range *4	Heating (Outdoor)	-25~60°F (-31.5~15.5°C)	
External Dimensions (H x W x D)	in. (mm)	71-5/8 x 48-7/8 x 29-3/16 (1,818 x 1,240 x 740)	
Net Weight	Lbs. (kg)	633 (287)	
External Finish		Pre-coated galvanized steel sheet (+powder coating for -BS type) <MUNSELL 3Y 7.8/1.1 or similar>	
Electrical Power Requirements	Voltage, Phase, Hertz	3-phase 3-wire 208-230 V ±10% 60 Hz	
Minimum Circuit Ampacity (MCA, 208/230V)	A	40/37	
Maximum Overcurrent Protection (MOP, 208/230V)	A	60/50	
Recommended Fuse Size (208/230V)	A	60/50	
Recommended Minimum Wire Size (208/230V)	AWG (mm)	4 (21.2) / 6 (13.3)	
Short-circuit Current Rating (SCCR)	kA	5	
Piping Diameter (Brazed) (In. / mm)	Liquid (High Pressure)	3/8 (9.52) Brazed (1/2 (12.7) Brazed, the farthest pipe length >= 40 m)	
	Gas (Low Pressure)	1-1/8 (28.58) Brazed	
Max. Total Refrigerant Line Length	Ft.	1,968	
Max. Refrigerant Line Length (Between ODU & IDU)	Ft.	3,280	
Max. Control Wiring Length	Ft.	1,640	
Indoor Unit	Total Capacity	50~130% of outdoor unit capacity	
	Model / Quantity	P05~P96/1~26	
Sound Pressure Levels	dB(A)	59.5/61.5	
Sound Power Levels	dB(A)	79.5/80.5	
Fan	Type x Quantity	Propeller fan x 2	
	Airflow Rate	CFM	7,750
	External Static Pressure	in. WG	Selectable; 0, 0.12, 0.24, 0.32 in.WG; factory set to 0 in.WG
Compressor Operating Range		15% to 100%	
Compressor Type x Quantity		Inverter scroll hermetic compressor x 1	
Refrigerant		R410A 21 lbs + 9 oz (9.8 kg)	
Protection Devices	High Pressure	High pressure sensor, High pressure switch at 4.15 MPa (601 psi)	
	Inverter Circuit (Comp. / Fan)	Over-current protection	
	Fan Motor	Over-current protection	
AHRI Ratings (Ducted/Non-Ducted)	EER	13.3 / 14.3	
	IEER	25.4 / 30.8	
	COP	3.80 / 4.21	

NOTES:
 Nominal cooling conditions (Test conditions are based on AHRI 1230) indoor: 80°FDB./67°FWB. (26.7°CDB./19.4°CWB.), Outdoor: 95°FDB. (35°CDB.)
 Nominal heating conditions (Test conditions are based on AHRI 1230) indoor: 70°FDB. (21.1°CDB.), Outdoor: 47°FDB./43°FWB. (8.3°CDB./6.1°CWB.)

- Harsh weather environments may demand performance enhancing equipment. Ask your Mitsubishi Electric representative for more details about your region
- For details on extended cooling operation range down to -10° F DB, see Low Ambient Kit Submittal
- When applying product below -4°F, consult your design engineer for cold climate application best practices, including the use of a backup source for heating
- Unit will continue to operate in extended operating range, but capacity is not guaranteed

Model: PUHY-EP120TNU-A (-BS) – DIMENSIONS

2. EXTERNAL DIMENSIONS

Y-Series (High efficiency)

PUHY-EP96, 120, 144TNU-A(-BS)

Unit: mm (in.)

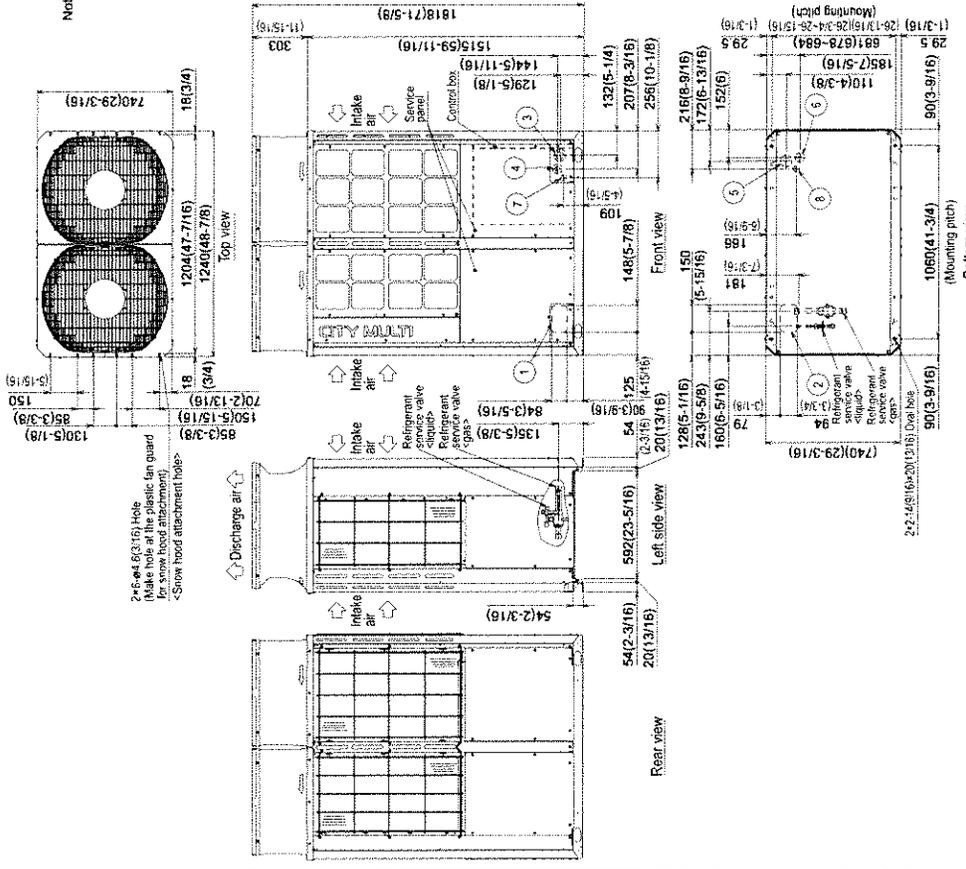
PUHY-EP-T(S)NU-A, Y(S)NU-A

- Note 1 Please refer to the next page for information regarding necessary spacing around the unit and foundation work.
 2 At brazing of pipes, wrap the refrigerant service valve with wet cloth and keep the temperature of refrigerant service valve under 120°C(248°F).

Model	Refrigerant pipe		Service valve	
	Liquid	Gas	Limit	Gas
EP96	φ12.7(1/2) Brazed/1.3	φ22.2(7/8) Brazed/1.2	φ12.7(1/2)	φ26.5(1-1/8)
EP120	φ12.7(1/2) Brazed/1.3	φ22.2(7/8) Brazed/1.2	φ12.7(1/2)	φ26.5(1-1/8)
EP144	φ12.7(1/2) Brazed/1.3	φ22.2(7/8) Brazed/1.2	φ12.7(1/2)	φ26.5(1-1/8)

- *1 Connect the refrigerant pipe to the service valve according to the Installation Manual.
 *2 Indicates dimensions and connection specifications in the case the unit is used in combination with other outdoor units.
 *3 Furthest piping length (OU from OU)≤90m
 *4 Furthest piping length (OU from OU)≤40m

NO.	Usage	Specifications	
		Usage	Specifications
①	For pipes	Front through hole	146(5-7/8) × 84(3-1/8) Knockout hole
②		Bottom through hole	150(5-11/16) × 84(3-1/8) Knockout hole
③	For wires	Front through hole	φ21.1(3/4) or φ24.5(1-1/8) Knockout hole
④		Bottom through hole	φ21.1(3/4) or φ24.5(1-1/8) Knockout hole
⑤	For transmission cables	Front through hole	φ15.2(1/2) Knockout hole
⑥		Bottom through hole	φ15.2(1/2) Knockout hole
⑦	For transmission cables	Front through hole	φ14.1(9/16) Knockout hole
⑧		Bottom through hole	φ14.1(9/16) Knockout hole



NOTES:

SEACOAST PROTECTION

- Anti-corrosion Protection: A coating treatment is applied to condenser coil for protection from air contaminants.
- Standard: Salt Spray Test Method - no unusual rust development to 480 hours.
- Sea Coast (BS): Salt Spray Test Method (JRA 9002) - no unusual rust development to 960 hours.



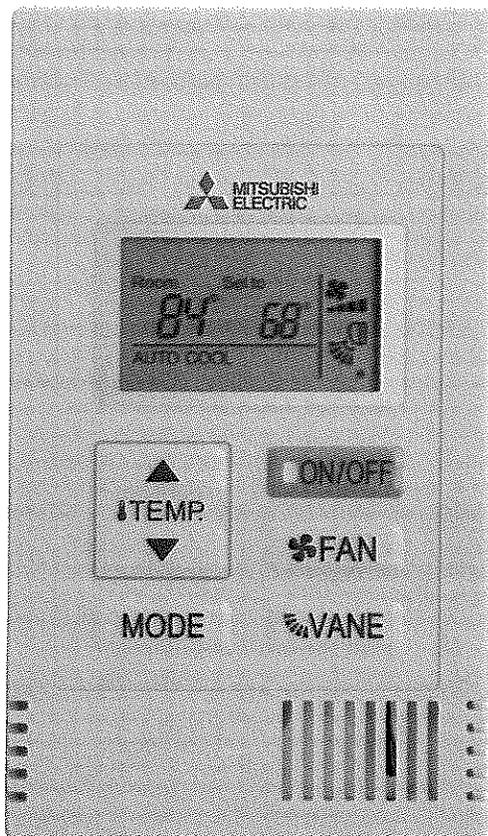
1340 Satellite Boulevard, Suwanee, GA 30024
 Toll Free: 800-433-4822 www.mehvac.com



Job Name:

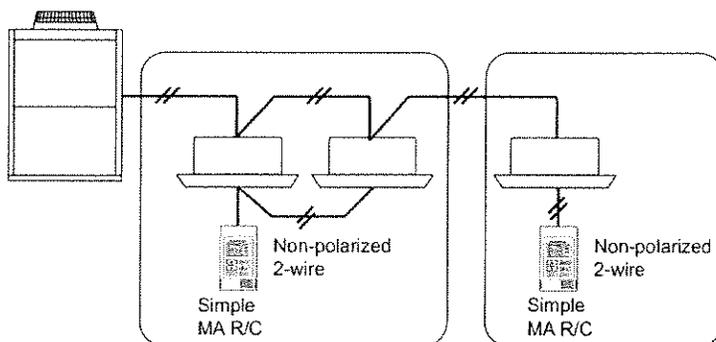
System Reference:

Date:



SIMPLE MA REMOTE CONTROLLER (PAC-YT53CRAU-J) SPECIFICATIONS

- Controls group operation for up to 16 indoor units in a single group
- Supports both Fahrenheit and Celsius
- User defined functions:
 - ON/OFF
 - Operation mode: AUTO (R2-Series only), COOL, HEAT, FAN, DRYING, or SETBACK
 - Set temperature
 - Fan speed setting
 - Air flow direction
 - Set temperature range: 40°F to 95°F depending on operation mode and indoor unit connected.
- Set temperature range limit: Simple MA allowable set temperature range can be reduced for cool and heat modes.
- LOSSNAY®: Simple MA for interlocked system can set high/low/Stc on LOSSNAY.
- Room temperature can be sensed either at the indoor unit (default) or at the remote controller.
- Diagnostics: Displays four-digit error code and error unit address.
- Grouping: Same group use only with other PAC-YT53CRAU-J Simple MA Controllers, PAR-33MAA-J Deluxe MA Remote Controllers, and PAR-FL/A32MA Wireless MA Remote Controllers with up to two remote controllers per group.
- Addressing: No addressing required.
- Wiring: Uses two-wire, stranded, non-polar control wire for connecting TB15 connection terminal on the indoor unit.
- Requires crossover wiring for grouping across indoor units.
- Dimensions: 2-3/4 x 9/16 x 4-3/4" (70 x 14.5 x 120mm).

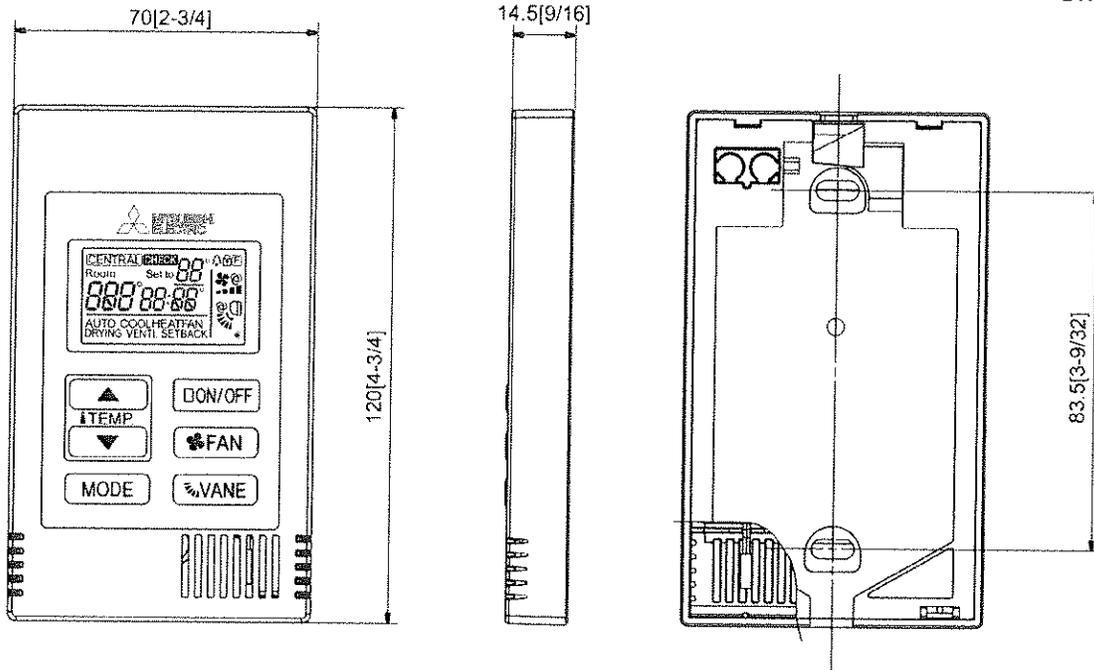


System example

NOTES:

DIMENSIONS: PAC-YT53CRAU-J

Unit:mm[in.]



COOLING & HEATING

1340 Satellite Boulevard, Suwanee, GA 30024
Toll Free: 800-433-4822 www.mehvac.com



March 13, 2020

RE: Coronavirus: Fresh-Aire UV efficiency against viruses, bacteria & mold

Fresh-Aire UV has been receiving inquiries regarding the effectiveness of UV disinfection systems against COVID-19 (coronavirus). We believe the best approach is to be as transparent as possible and to explain the fundamentals and variables that play a factor in inactivating coronavirus and other pathogens with UVC germicidal technologies.

Fresh-Aire UV systems are tested and validated against bacteria, viruses, mold & fungus. Fresh-Aire UV systems have been tested and achieve up to a *99.999996% reduction on microorganisms. There are a number of factors that need to be addressed in order to determine efficiency, these include but not limited to, the application, such as surface or air disinfection, air velocity and temperature, recirculation rates, and dwell time, as well as the specific biological target. Fresh-Aire UV systems are installed in the HVAC unit and/or ductwork and are designed to disinfect the air as it circulates through the ventilation system. UV dosage for log reduction is measured in several ways including microwatts per second/centimetres² ($\mu\text{Ws}/\text{cm}^2$).

Every microorganism, including coronavirus, requires a specific UVC dosage for inactivation. UV disinfection has been employed for decades in water treatment; these microwatt values have been used for reference to gauge UVC efficiency against a large cross-section of microorganisms. While Fresh-Aire UV systems have not been specifically tested against coronavirus, they have been tested and proven effective against similar pathogens, some that require an even greater dosage for inactivation than coronavirus.

UV disinfection systems for HVAC are an ideal proactive measure to complement filtration. Microorganisms, particularly viruses, are so small that filters are mostly ineffective. The UV systems have also been shown to reduce problematic molds and pathogens that are found within the HVAC system and drain pan that would otherwise be introduced and distributed throughout the envelope of the building.



Fresh-Aire UV APCO-X whole-house air purifier

For additional information visit:

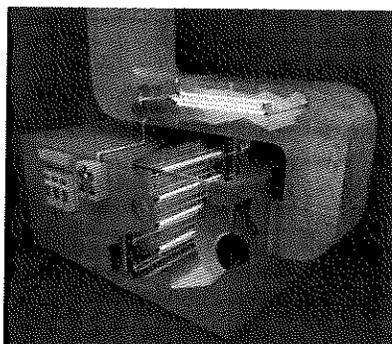
www.ashrae.org/technical-resources/resources

www.cdc.gov/coronavirus/2019-ncov/index.html

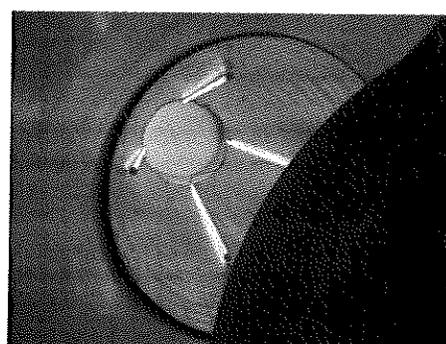
Please contact Fresh-Aire UV to discuss your specific application: 1-800-741-1195 or email sales@FreshAirUV.com.



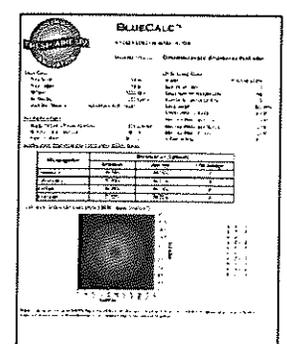
Air Handler Disinfection



Air Handler & Airstream Disinfection



Make-Up Air & Exhaust Disinfection



Blue-Calc Report / Analysis

Fresh-Aire UV systems are installed within the HVAC system and are not intended to diagnose, treat, prevent or cure any disease. The systems have not been tested on Coronavirus and is not a medical device.

*Tested by Antimicrobial Test Laboratories (ATL) 99.999996% reduction of MS2 bacteriophage.
Laboratory test results available upon request.

**TOWN OF NARRAGANSETT
COUNCIL COMMUNICATION**

CC: 8
Amend No. _____

Date Prepared: 8/14/2020
Council Meeting Date: 8/24/2020

TO: Honorable Town Council
FROM: James R. Tierney, Town Manager
SUBJECT: Appointment of Building Official

RECOMMENDATION:

That the Town Council approve the appointment of Mr. Wayne Pimental as the Town of Narragansett Building Official, with an annual salary of \$ 84,000.00, effective Monday September 14, 2020.

SUMMARY:

Due to a retirement, the Building Official position was posted out to the public on March 30, 2020 and closed on April 20, 2020. There were a total of nine (9) applicants, and seven (7) of those were interviewed via Zoom in early June. The interview committee consisted of Human Resources Director Susan Healy, the Building Inspection Clerk, the Environmental Planning Specialist, and the Fire Marshal.

Second interviews were conducted via Zoom in mid-July with the top two (2) candidates. The interview committee was the same as above with the addition of the Town Manager. The committee's unanimous choice to become the next Building Official for the Town of Narragansett is Mr. Wayne Pimental.

ATTACHMENTS:

1. Resume

Wayne R. Pimental

Education

- 1978 - 1982 **Rhode Island College**
600 Mt. Pleasant Avenue
Providence, RI, 02911
Bachelor of Arts, Graphic Design
- 1980 - 1982 **Rhode Island School of Design**
2 College Hill
Providence, RI, 02903
Architectural Courses, Summer Sessions

Continuing Education

- 1990-1991 University of Rhode Island
- 1993-1995 University of Connecticut
- 1996-2014 University of Massachusetts at Amherst
- 1996 CAD Training-New England Institute of Technology

Professional experience

- **1985-1987**
- **Judd Brown Design**
647 Jefferson Blvd.
Warwick, RI, 02886
- **Project Job Captain & Construction Coordinator**
- Responsible for project management, which included site assessment, code and ADA compliance, project design and preparing construction documents. Projects included Hotel, Restaurant, Hospitality, Office, Country Clubs, Condominium and Private Residences. Worked closely with consultants, architects, principals and clients. Prepared budgets, estimates and performed on-site construction co-ordination.
- **1987-1989**
- **Kent County Memorial Hospital, Engineering Department**
455 Tollgate Road
Warwick, RI, 02888
- **Project Engineer & Construction Coordinator**
- Responsible for the design and preparation of construction documents related to all construction throughout the facility and grounds. Adhere to state, local, ADA and N.F.P.A. codes in the development of all projects. Worked with department heads, medical staff and other levels of staff during all phases of project development, from conception through construction until completion. Worked closely with hospital construction staff and off-site contractors during the construction phases to maintain project conformance.

- **1989-2004**
- **Town of East Greenwich, Engineering Department**
125 Main Street
East Greenwich, RI, 02818
- **Special Projects Coordinator & Alternate Building Official**
- Prepare construction documents, specifications and project coordination for all Town building, recreational and construction projects in accordance with ADA, State Building Codes and other applicable codes. Projects have ranged from handicap renovations at the Library, school flashing lights, school playground design, recreation field construction, police station renovations and office and exterior renovations. The preparation of bid specifications for all department capital projects, which included research, budget preparation, adherence to Town ordinances and purchasing regulations, bid preparation, advertising, bid tabulation and award recommendation. Also, as a certified State of Rhode Island Building Official, act as the alternate building official, reviewing construction plans, performing on-site inspections and providing building code interpretation in conformance to the ADA and State Building Codes. Also update and maintain all Town plat, zoning and base mapping, which required the review and research of Town Land Evidence Records. Also responsible for coordination and implementation of preventive and capital maintenance of Town buildings. Prepare bid specifications for facility utility services, which have included natural gas, fire alarm testing, elevator testing and solid waste and recycling bids to name a few. I have coordinated energy incentive programs with the electrical utilities for numerous Town buildings. Work closely with the Town's maintenance staff and outside construction, electrical, plumbing and mechanical vendors to ensure a safe working environment and the maintenance of Town facilities.
- **2004-2018**
- **Town of East Greenwich, Inspections Department**
125 Main Street
East Greenwich, RI, 02818
- **Building and Zoning Official, Minimum Housing Officer, Soil Erosion and Sedimentation Coordinator**
Charged with the enforcement of and implementation of the State Building Code, Minimum Housing Code, Zoning Ordinance and the Soil Erosion Control Ordinance. Oversee Building Inspection Department with a staff of three inspectors and one support clerk to provide review and inspection of plumbing, electrical, mechanical and general construction for all commercial, industrial and residential construction within the Town. Review construction plans for code compliance, performing on-site inspections and providing building code interpretation in conformance with the International Building Codes, Zoning requirements and ADA Standards. Annual license inspections of all business, restaurant, schools and daycare facilities within the Town. Provide enforcement and implementation of the Town Municipal Ordinance's and Minimum Housing Codes through inspections and working closely with the Town Municipal Court. Provide review and enforcement of the Town Soil Erosion and Sedimentation Ordinance. Provide coordination and language revisions for the update of the Zoning, Building Fees and Soil Erosion Control and Sedimentation Ordinances for the Municipal Code of Ordinances. Maintain all records and reports associated with building plan reviews, inspections, violations,

permits associated with all Town Land parcels. Also assisted with the review and implementation of the conversion of the Town paper parcel and zoning maps to a digital format (GIS).

- **2018-Present**

- **Town of South Kingstown, Building Department**

180 High Street
South Kingstown, RI, 02879

- **Building and Zoning Official, Property Maintenance Enforcement**

Charged with the enforcement of and implementation of the State Building Code, Property Maintenance Code and Zoning Officer. Oversee Building Inspection Department with a staff of four inspectors and one support clerk to provide review and inspection of plumbing, electrical, mechanical and general building construction for all commercial, industrial and residential construction within the Town. Review construction plans for code compliance, performing on-site inspections and providing building code interpretation in conformance with the International Building Codes, Zoning requirements and ADA Standards. Provide enforcement and implementation of the Town Municipal Ordinance's and Property Maintenance Codes through inspections and working closely with the Town's Legal Counsel and District Court. Maintain all electronic records and reports associated with building plan reviews, inspections, violations, permits associated with all Town Land parcels. Member of the Scholl Building Committee.

- **1995-1999**

- **Town's of East Greenwich, North Kingstown, West Greenwich, Exeter and Hopkinton Community Development Department**

125 Main Street
East Greenwich, RI, 02818

- **Project Inspector**

- Prepare construction documents, budget estimates, specifications, bid forms and project construction coordination for all Federal Community Develop Block Grant Projects. Maintain conformance in accordance with ADA, State Building Codes, specifications, federal guidelines and other applicable codes. Projects have ranged from handicap access, electrical, heating, plumbing along with all phases of construction renovations for residential structures.

- **1983-Present**

- **Wayne R. Pimental Residential Design**

11 Cull Blvd.
Narragansett, RI, 02882

- **Residential Architectural Designer**

- Have owned and operated a residential architectural design business providing complete design and construction document services to the private sector. Provide site assessment, design assistance, building specifications, code conformance and construction supervision for a variety of construction projects. Provide presentation assistance and documentation required for clients requiring Historic District, Building

Code and Zoning Board approvals.

**Professional
Memberships**

American Public Works Association
Rhode Island Public Works Association
Rhode Island Building Officials Association-President, Secretary-8 Years
Eastern States Building Officials Association
Rhode Island Emergency Managers Association
New England Building Officials Association
International Code Council
International Code Council Region IV Director
FEMA Certified Building Inspector

**Community
Activities**

Manager-Apponaug Bambino Baseball League
Board Member- Apponaug Bambino Baseball League
Member-East Greenwich School System Building Committee
Member-East Greenwich Library Building Committee
Member-East Greenwich Library Association

References

Mr. William Nash
International Code Council
New England Regional Manager
Middletown, RI

Mr. L. Vincent Murray-Retired
Town of South Kingstown
Town Planner
180 High Street
Wakefield, RI

Mr. Richard Crenca-Retired
City of Warwick
Senior Planner & Public Works Director
City Hall
Post Road
Warwick, RI

Objective

To further my professional development and participation in the public sector through the use of my technical skills, building code knowledge, keen awareness of common sense and my experience in both the municipal and private sector environment with an organization that strives for excellence with an emphasis in providing quality, superior public services and is committed to a high level of integrity.

**Boards &
Accreditation's**

Certified State of Rhode Island Building Official-31 Years
ICC Certified Building Official CBO
National Certified Floodplain Manager CFM
FEMA Certified Inspector
Fortified Housing Certified Inspector
Town of East Greenwich Deputy Emergency Management Director
Member-ICC Exam Development Committee for Certified Building Officials
State of Rhode Island Building Code Standards Committee Member
State of Rhode Island Rehabilitation Code Board of Appeals Member
Chairman-State of Rhode Island Building Inspector Certification Committee

Rhode Island Building Officials Association-Expo, By-Laws, Education, Social, Scholarship, Tools of the Trades, Golf Committees

Awards received

First Place-ADA Design sponsored by Rhode Island Housing & Mortgage Corporation

Publications

1999-The Complete Birdhouse Book (Fox Chapel Publishing) -Provided technical illustrations, measured drawings and construction parts list for "how to" book on very unique birdhouses.

2001-Better Homes and Gardens Magazine-Selected for the June, 2001 magazine publication for a garden shed building that I designed and built.

2005-Feature article on residential design in the Boston Globe Magazine.

Personal

Married 34 years
Narragansett resident
Three children, graduates of the Warwick Public School System
Enjoy golfing, gardening, Residential Design, woodworking and art.

Training

New Horizon-Microsoft Word
Microsoft Excel
New England Tech-AutoCad
View Point Cloud Electronic Permitting Software