



Board of County Commissioners • Escambia County, Florida

Paul R. Nobles/Purchasing Manager
Office of Purchasing

August 24, 2018

To: All Known Prospective Bidders

Addendum Number 2:

RE: Beulah Regional Park Restroom Building Resolicit
Specification Number: PD 17-18.090

All:

In response to question:

- 1: Question: This request is to substitute the hand dryers with the Speedflow Plus model, which includes a HEPA filter that traps up to 99% of allergens and has a No-Heat option.

Response: See the attached pages for response. The substitution is approved.

This Addendum Number 2 is furnished to all known prospective Bidders. Please sign and return one copy of this Addendum, with original signature, with your proposal as an acknowledgement of you having received same. You may photo copy for your record.

Sincerely,

A handwritten signature in black ink, appearing to read "B. Roggenbuck", is written over a horizontal line.

Buzz Roggenbuck
Sr. Purchasing Coordinator

Acknowledgement of Receipt of Addendum 2:

SIGNED: _____

COMPANY: _____



SUBSTITUTION REQUEST

(During the Bidding/Negotiating Stage)

Project: Beulah Regional Park Restroom Building

Substitution Request Number: _____

7820 Mobile Hwy., Pensacola, FL 32526

From: Saniflow Corp. / Attn: Anais Blanco

Date: 5/18/18

To: Escambia County- Office Of Purchasing

A/E Project Number: 2017.235

Re: Substitution/ Equal

Specification Title: 102800 Toilet, Bath, & Laundry Accessories

Description: Warm-Air Dryer

Section: 2.1 Page: 87

Article/Paragraph: G

Proposed Substitution: Speedflow

Manufacturer: Saniflow Corp. Address: 3325 NW 70th Ave., Miami FL, 33122 Phone: 305-424-2433

Trade Name: Saniflow, a Mediclinics Company Model No.: M17ACS-UL

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.

Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

Submitted by: Anais Blanco

Signed by: 

Firm: Saniflow Corp

Address: 3325 NW 70th Ave, Miami, FL, 33122

Telephone: 305-424-2433 x. 2050

A/E's REVIEW AND ACTION

☒ Substitution approved - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.

☐ Substitution approved as noted - Make submittals in accordance with Specification Section 01 25 00 Substitution Procedures.

☐ Substitution rejected - Use specified materials.

☐ Substitution Request received too late - Use specified materials.

Signed by:  Date: 05/18/18

Supporting Data Attached: ☐ Drawings ☒ Product Data ☐ Samples ☐ Tests ☒ Reports ☐ _____

speedflow[®] plus

 **BuildingGreen**
APPROVED



SPEEDFLOW M17
(M17A, M17AF, M17AB, M17AC, M17ACS)
Efficient, adjustable RPM, ADA compliant
and with *longer* warranty than competitor.



Comparison	Speedflow Plus	QuietDry Series, TrimDry
Electrical	100-120V; 208V; 220-240V	115-240V
Air Velocity	22,000 LFM	Unlisted
Power	180-850 W (Adjustable)	1,400-1,900
Motor type	High pressure class F, with self-resettable safety cut-out and adjustable speed 23,000-32,000 rpm	Universal Brush Motor (8,000 RPM)
Heating element (W)	0 -500 W (jumper for on/ off option)	Two coiled nickel-chrome heating elements are mounted in mica frame and protected by automatic thermal-overload switches
Construction Materials	Steel, Cast Iron, Stainless Steel	Stainless Steel & UL 94-5VA Plastic
Air temperature – (at 4” distance/ T amb. 77 °F)	93°F-109°F	Unlisted
Color finish	5 finishes: Stainless steel one-piece cover bright & satin finish, white epoxy, black graphite, or white porcelain in cast Iron	Stainless Steel & White Epoxy
List Price	\$570.00	\$729.30
Dimensions	10 1/2”H x 11 1/2”W x 4”D	13-25/32 x 13-19/32" x 4"
Operation	Touch free infrared sensor. Auto 2 second shutoff after hands are removed	Automatic activation with infrared sensor
Weight	8.4 lbs. (15.67 lbs Cast iron M06AF)	14 lbs.
Safety shut off	Safety shut-off after 60 seconds of continous use.	Automatic disconnection after 60-90 seconds of continous use
Drying time	Approx.10-15 seconds	>25 seconds
Limited Warranty	5 years	3 years
Noise Level	57-65 dBA	71 dBA
HEPA Filter	Yes	No
Protection Level	IP23	Unlisted
Sensor	Adjustable 2”-8” infrared	Automatic infrared sensor
BuildingGreen Approved	Yes	Yes
ADA surfaced mounted	Yes	Yes

HAND DRYERS

sensor operated

speedflow® plus

Legend for symbols shown on last page of catalog

M17A-UL

material: steel
finish: white epoxy



M17AF-UL

material: cast iron
finish: white porcelain enameled



M17AB-UL

material: steel
finish: black epoxy



M17AC-UL

material: stainless steel AISI 304
finish: bright



M17ACS-UL

material: stainless steel AISI 304
finish: satin



M17A-UL · M17AF-UL · M17AB-UL · M17AC-UL · M17ACS-UL

- 3/16" thick cast iron or 1/16" thick stainless steel one piece cover.
- High pressure class F motor, with self.resetable safety cut-out and adjustable speed between 23,000 and 32,000 rpm..
- HEPA filter medium cartridge.
- ADA compliant (no recessed kit needed).
- Universal Voltage (from 100 to 240 V).
- Sensors come with a vandal-resistant polycarbonate viewing window.
- Cover fixed to the base by means of 2 vandal-proof lock screws and lock with special Speedflow wrench.

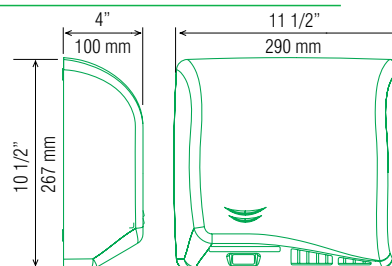
COMPONENTS AND MATERIALS

- Fully adjustable (2" – 8") IR electronic detection sensor by means of a potentiometer.
- Automatic disconnection system after 30 seconds of continuous use.
- Heating element with a self-resettable safety cut-out. It can be switched off manually with an ON/OFF micro switch located on the electronic board.
- Aluminum centrifugal double asymmetrical inlet fan wheel.
- Fire resistant plastic UL 94-V0 fan scroll.
- UL and CSA approved
- Optional odor neutralizer tablet for a cleaner and more pleasant atmosphere in the washroom.

M17A-UL · M17AF-UL · M17AB-UL · M17AC-UL · M17ACS-UL

TECHNICAL SPECIFICATIONS

Estimated drying time	10-12 seconds	Total Power:	180 - 850W
Voltage	100-120 V; 208V; 220-240 V	Heating Element:	500 W
Frequency	50/60 Hz	Protection level	IP23
Power Consumption	H. Element OFF: 2.5 - 3.5 A H. Element ON: 4.8 - 7 A	Effective airflow	20 - 27 CFM
Electrical insulation	Class I (ground required)	Air temp (at 4" distance/77°F)	93° - 103°F
Motor Power	350 W	Dimensions	11-1/2" x 10 5/8" W x 4"
rpm	23,000 - 32,000 rpm	Weight	All: 8,4 Lbs M17AF-UL: 15,65 Lbs
Air speed:	250 mph	Noise level	57-65 dBA



Dimensions for M06A/AB/AC/ACS

M17A-UL / M17AB-UL / M17AC-UL / M17ACS-UL / M17AF-UL

General Description

- Warm air high speed hand dryer recommended for very high traffic areas.
- Surface mounted ADA-compliant.
- Maximum robustness and vandal-proof.
- Energy efficient, it only consumes 2.8 watts per drying cycle.
- Building Green Approved & offering LEED Credits.
- HEPA filter medium cartridge which filters solid particles in suspension, improving air quality.
- Universal voltage.

Components & Materials

- **M17A-UL:** 1/16" (1.5 mm) thick one-piece steel cover; white epoxy finish
- **M17AB-UL:** 1/16" (1.5 mm) thick one-piece steel cover; black epoxy finish
- **M17AC-UL:** 1/16" (1.5 mm) thick one-piece stainless steel cover; bright finish
- **M17ACS-UL:** 1/16" (1.5 mm) thick one-piece stainless steel cover; satin finish
- **M17AF-UL:** 3/16" (4.5 mm) thick one-piece cast iron cover, white porcelain finish
- **MOTOR:** High pressure class F, with self-resettable safety cut-out and adjustable speed between 23,000 and 32,000 rpm. This regulation is carried out manually by means of a potentiometer located on the electronic board to adjust the power consumption of the dryer. The motor has been configured to have a smooth start to extend its life.
- **ELECTRONIC DETECTION SENSOR:** by infrared beam with detection distance adjustable by potentiometer between 2" and 8". It incorporates a safety system that detects any fixed target and makes hand dryer stop automatically in case a fixed object is placed in front of the sensor. In addition it has an automatic disconnection system of the unit after the 30 seconds of continuous use of the dryer.
- **500 W HEATING ELEMENT:** with a self-resettable safety cut-out. It can be switched off manually with an ON/OFF micro switch located on the electronic board, allowing to regulate the power consumption of the hand dryer.
- **BASE PLATE:** made of aluminum, it incorporates acoustic dampening elements (silent-blocks) for the suppression of mechanical vibrations.
- **FAN SCROLL:** made with Polyamide 6 (PA 6) incorporating a flame retardant additive (UL 94 V0) that increases the resistance to plastic ignition and once ignited reduces the rate of flame propagation.
- **HEPA FILTER MEDIUM CARTRIDGE:** Filters solid particles in suspension, significantly improving air quality. This filter traps micro particles in the air such as pollen, dust mites, fungi, tobacco smoke, etc..
- **ODOR NEUTRALIZER TABLET:** an optional odor neutralizer tablet for a cleaner and more pleasant atmosphere in the bathroom is available (Code RCPOM14).
- **WALL FIXING ELEMENTS:** stainless steel screws for brick wall with their corresponding plastic plugs are provided with the hand dryer.

Technical Specifications

Voltage - 100-120V; 208V; 220-240V	Total power - 180- 850 W
Frequency - 50/ 60 Hz	Motor Power - 350 W
Insulation - Grounding required (Class I)	Heating element: 0 or 500W
Dimensions M17A/AC/AB/ACS 10 1/2"H x 11 1/2"W x 4"D M17AF 10-5/8"H x 11-5/8"W x 4"D	Consumption H. Element OFF: 2.5 - 3.5A H. Element ON: 4.8 - 7A
Weight - M17A/AC/AB/ACS - 8.4 Lbs. M17AF - 15,65 Lbs.	r.p.m. - 23,000-32,000 rpm
Effective airflow - 20-27 CFM	Air temperature - (at 4" distance/ T amb. 77 °F) 93-109 °F
Max air velocity - 250 mph/ 22,000 LFM	Drying time - 10 - 12 sec
Protection level - IP23	Noise level (at 79") - 57 - 65 dBA



Please mark the selected item

☐


code
M17A-UL
material
steel
finish
white epoxy

☐


code
M17AB-UL
material
steel
finish
black epoxy

☐


code
M17AC-UL
material
stainless steel
AISI 304
finish
bright

☐


code
M17ACS-UL
material
stainless steel
AISI 304
finish
satin

☐


code
M17AF-UL
material
cast iron
finish
white porcelain
enamelled coating

Operation

Place hands under the air outflow valve. The dryer will start automatically, and go on with no interruption as long as the hands are kept in the detection range of the sensor. The appliance will stop 2 seconds after the hands are removed from the airflow.



Saniflow Corp reserves the right to make changes and/or modifications to the products and their specifications without warning or notice.

For further info please contact SANIFLOW on: Toll free: **1-877-222-9125** or visit our website at **www.saniflowcorp.com**

Tel: +1 (305) 424 2433 Fax: +1 (305) 424 2435 · **sales@saniflowcorp.com**

Verify all rough-in dimensions prior to installation. Hand dryers require a dedicated circuit and must be properly grounded. A GFCI (Ground fault circuit interrupter) is recommended. One side of dryer should be mounted to a stud.

Certificates & Qualifications

Unit shall be UL and CSA approved, according to UL 499; CSA C22.2 Standards and Building Green Approved. UL and CSA approved according to UL 499 and CSA C22.2 Standards.

N° dryers to be fitted

- In toilet areas with a normal frequency of use and only one wash-basin: 1 dryer.
- In toilet areas with a normal frequency of use and more than one wash-basin: 1 dryer for each 2-3 wash-basins.
- 1 row of 4 wash basins: 2 dryers; 1 row of 6 wash basins: 3 dryers; 1 row of 8 wash basins: 4 dryers.
- In toilet areas with high traffic and more than one wash-basin: 2 dryers for each 3 wash-basins.
- 1 row of 4 wash basins: 3 dryers; 1 row of 6 wash basins: 4 dryers; 1 row of 8 wash basins: 5 dryers.

Ideal location

Between the wash-basin and exit. It is not recommended to install dryer between wash-basins, next to urinals, lavatories and showers. If installing automatic dryers over marble surface or ledge, the minimum distance from the dryer to the ledge must be 15-3/4". It is recommended that hand dryers be distributed throughout the washroom area to avoid overcrowding.

Guide Specification





Surface-mounted ADA compliant hand dryer shall have a 1/16" thick steel cover with white epoxy finish (M17A-UL), or a 1/16" thick steel cover with black finish (M17AB-UL), or a 1/16" thick stainless steel cover with bright finish (M17AC-UL), or a 1/16" thick stainless steel cover with satin finish (M17ACS-UL), or a 3/16" thick cast iron with white porcelain enamelled coating (M17AF-UL). Hand dryer shall include aluminum base plate 1/8" thick, infrared sensor adjustable (2" to 8") via potentiometer , universal brush motor fully adjustable (23,000-32,000 RPM) via potentiometer as well and HEPA filter medium cartridge which filters solid particles in suspension, significantly improving air quality. Dryer shall operate at 57-65 dBA while delivering 20-27 CFM of air at 109 °F (42°C) and 250 mph as maximum air velocity (Max - 22,000 LFM) during user controlled drying cycle. Dryer shall have a total power of 180 - 850 W with a consumption of 2.5 - 7 A. Heating element made of Ni-Cr and with a self-resettable safety cut-out. It can be switched off manually "ON / OFF" micro-switch located on the electronic board, allowing to regulate the power consumption of the hand dryer. In case of motor failure the heating element is immediately switched off automatically.

Unit shall be UL and CSA approved, according to UL 499, CSA C22.2 standards, and Building Green Approved.

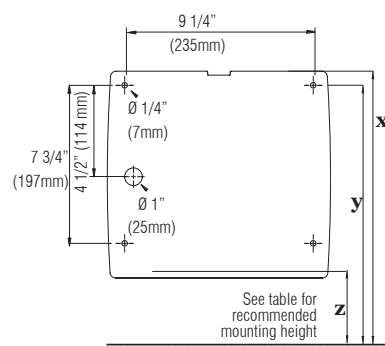
Overall dimensions:

M17A, M17AB, M17AC, M17ACS: 10 1/2"H x 11 1/2"W x 4"D (270mm x 290 mm x 100 mm)

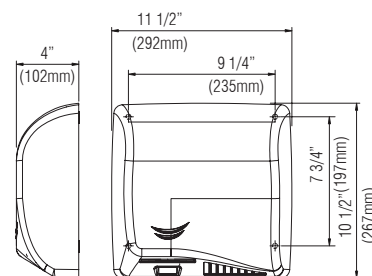
M17AF: 10-5/8"H x 11-5/8"W x 4"D (270 mm x 295 mm x 102 mm)

Recommended heights from floor				
	Male	Female	Child	Disabled
x To top of machine	56" / 142 cm	54" / 137 cm	46" / 117 cm	48" / 122 cm
y To mounting bracket screw	55" / 140 cm	53" / 135 cm	45" / 115 cm	47" / 120 cm
z To sensor top	46" / 117 cm	44" / 112 cm	36" / 92 cm	38" / 97 cm

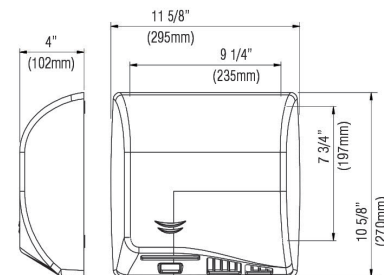
MOUNTING



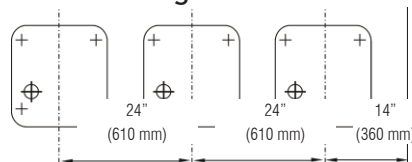
M17A-UL / M17AB-UL /
M17AC-UL / M17ACS-UL



M17AF-UL



Serial mounting



Job:	Architect / Engineer:	City / State / Country:
Model number:	Contractor:	Date:
Variations:	Customer / Wholesaler:	Quantity:

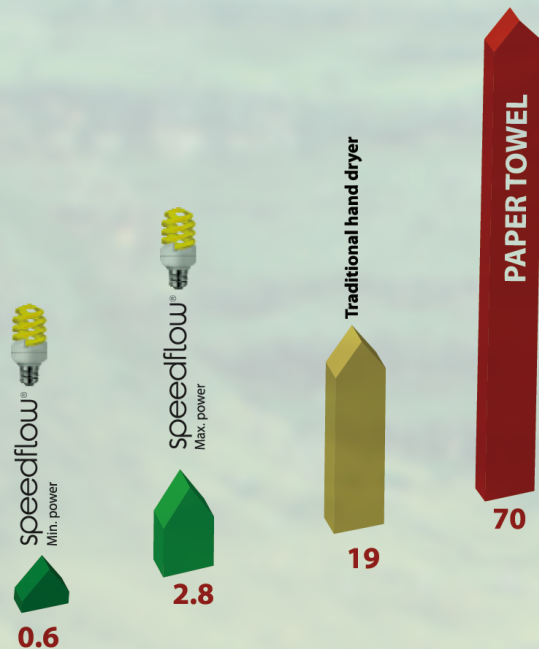
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The new generation of **SPEEDFLOW**® hand dryers is quicker, more hygienic, more comfortable, quieter and more energy-efficient, providing a unique experience in the hand drying field.

CONSUMPTION IN WATTS HOUR PER DRYING CYCLE



LOW CONSUMPTION



Minimum consumption
Between 0.6 and 2.8 W/h per drying cycle and 0.4 W in stand-by. One of the lowest in the market.



Adjustable motor speed
Adjustable energy consumption, noise level and drying time, consequently.

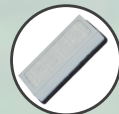


Heating element with ON/OFF micro-switch
Placed in the electronic circuit board, makes it possible to activate/deactivate the heating element.

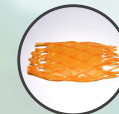
HYGIENE



Automatic activation
The user does not need to touch the hand dryer, which helps prevent cross-contamination, improving hygiene and aseptis.

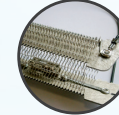


HEPA filter medium
Cleans the air stopping the particles of dirt, dust, bacteria, pollen, etc. Fresh and particle-free air.



Odor neutralizer tablet
For a more pleasant atmosphere in the washroom.

COMFORT



Heating element
Energy saving (only 500W), to ensure maximum comfort when drying hands.



Quiet. 57 dBA
Thanks to the acoustic dampening elements used and a better-balanced mechanically motor, among others.



Air curtain drying
A well-designed air outlet blows air caressing and drying hands thanks to a pleasant air curtain.

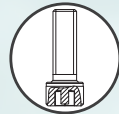
SAFETY



Fixed-target detection
If a static object is detected by the sensor, the hand dryer automatically stops after 3-5 seconds as a security measure.

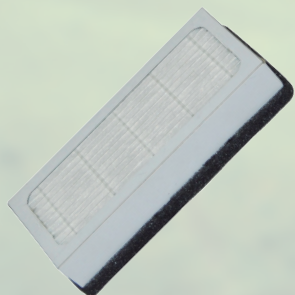


Automatic safety cut-out
After 30" of continuous use, the hand dryer switches off automatically.



Vandal-proof locking system
The metal casing is fixed to the aluminium base plate by means of 2 vandal-proof screws.

Air quality and noise pollution improvement thanks to its new filter and inner design



The new **SPEEDFLOW**® comes as standard with a cartridge that holds an HEPA filter medium that filters suspended solid particles (pollen, dust mites, cigarette smoke, etc.), notably improving the air quality.

Furthermore, this cartridge also contains and activated carbon filtering medium that neutralizes odours and absorbs fumes and gases, helping avoid bad odours.



The new **SPEEDFLOW**® is much quieter thanks to:

- The acoustic dampening elements used for fixing the nozzle to the base plate and also in the motor bracket.
- A inner nozzle design which minimizes the pressure drop and the turbulences, reducing the noise level consequently.
- The air outlet geometry minimizing unwanted acoustic effects .
- A motor with a built-in fan, better-balanced mechanically, reducing the vibrations transmitted to its supports