

## DOCUMENT 00 01 10

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END OF DOCUMENT

SECTION 00 91 02

ADDENDUM NO. 1

SUMMARY

This Addendum is a Contract Document.

General

The following changes, additions and deletions shall be made to the following document(s); all other conditions shall remain the same.

**I. BID FORM**

NA

**II. AGREEMENT**

NA

**III. SPECIFICATIONS**

Item	Reference	Description
1.	Table of Contents	Section 00 0110 - Table of Contents: Replace Table of Contents in its entirety. See attachment.
2.	Document 00 73 00	Revise Document 00 73 00 - Supplementary Conditions. Add new sub-section A. to existing section 3 as follows:  A. In addition to the above listed requirements, the District has added the following restrictions regarding construction generated noise levels for this Project: 1. Very noisy disruptive work, like saw-cutting, jack hammering, roto-hammer drilling, etc. will not be allowed to occur between 8:00 am and 2:00 pm Monday through Friday, in order to limit impacts to the academic activities of Building 5. Contractor is prohibited from performing such noisy activities during these times.
3.	Document 00 10 00	Revise Document 00 10 00 – Summary of Work, section 1.7 BUSINESS DAYS AND HOURS. Add new sub-section F.) to existing section 1.7) as follows:  F. See Section 00 73 00 Supplementary Conditions, section 3.), sub-section A.) for additional restrictions on noisy work.
4.	Section 01 4523	Add Exhibit A to Section 01 4523 - DSA Form 103: and DSA ORS -6: documents required for project certification
5.	Section 01 51 00	Section 01 51 00 – Temporary Facilities and Controls, section 1.13 NOISE CONTROL. Add new sub-section E.) to existing section 1.13) as follows:  E. See Section 00 73 00 Supplementary Conditions, section 3.), sub-section A.) for additional restrictions on noisy work.
6	Section 10 2800	Add Exhibit A to section 10 2800: See attached.  Revise section 10 2800. Add following information under section 10 2800, 3.4 Schedule: Add electric hand dryer: Dyson Airblade high speed hand dryer. AB02: Die-cast aluminum casing with anti-microbial scuff resistance lacquer coating on exterior surfaces – silver. See attached product cut sheet.  Add recess mount paper towel dispenser: Bobrick semi recessed paper towel dispenser B-359

		<p>Add new sub section 10 2800, 2.3 DD: Frameless glass doors:                  Frameless Glass Doors shall be 3/8" thick acid etched frosted tempered glass with enduroshield coating on both sides. Glass door at regular stall shall be 26" wide x 4' high with frameless glass side panel to match. ADA Stall to be 36" wide x 4' high with frameless glass side panel to match. Bottom of door and panel to be +12" AFF. Field verify exact dimension for side panels to fit stall. Hardware to be brushed nickel anodized. Hinges to be glass to wall self centering hinges (swing in and out) at regular stalls and leak proof hinges at ADA stall. Provide blocking in walls to receive attachments; see sheet A-9.3 for blocking information. Shower door to be American Shower Door or equal.                  6920 E. Slauson Avenue, Commerce, CA 90040 800.421.2333.</p>
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**IV. DRAWINGS**

Item	Reference	Description
1	A 2.1	See revisions per revised sheet attached.
2	A 2.2	See revisions per revised sheet attached.
3	A 7.1	See revisions per revised sheet attached.
4	A 7.2	See revisions per revised sheet attached.
5	E 2.2	Provide outlets to accommodate new hand dryer. See revised floor plan for location. See revisions per revised sheet attached.
6	P 2.1	Add isolation shut-off valves to hot water lines and cold water lines to isolate the locker room area from the rest of the building. One each for men's and one each for women's. Location near corridor wall; exact locations to be determined. Provide access panels finished to match adjacent surface.

**V. CLARIFICATIONS**

Item	Reference	Description
1.		<p><b>Question:</b>                      What is the engineer's estimate for this project?</p> <p><b>Response:</b>                      A/E's construction cost estimate for the scope of work is approximately \$ 500,000.00</p>
2		<p><b>Question:</b>                      What is the start date and finish date for this project?</p> <p><b>Response:</b>                      Expected Start Date of Construction is October 29, 2012.                      Contract Substantial Completion is 47 days from Start of Construction.                      Contract Final Completion is 14 days from the acceptance of Substantial Completion.</p>
3	Section 00 73 17	<p><b>Question:</b>                      Section 00 73 17: A-4. Contractor's Pollution Liability a. \$1,000,000 Each Loss/Aggregate. Please confirm if this coverage is applicable and necessary.</p> <p><b>Response:</b>                      The District has confirmed that the pollution Liability coverage shall not be required on the B5 Locker Rooms Renovation project.</p>
4		<p><b>Question:</b>                      Provide a detail for the new and/or modified concrete base at lockers.</p> <p><b>Response:</b>                      See Addendum A, Drawing Sheet A 9.3, detail #10 for new concrete base and Sheet A 9.3, detail #14 for modified concrete base.</p>

5		<p><b>Question:</b> Please, provide a detail for the new structural slab replacement. IE- rebar-doweling, base material, vapor barrier ECT.</p> <p><b>Response:</b> See Addendum A, Drawing Sheet A 9.3, detail #15.</p>
6	A 2.2, Key Note 28, Key Note 28A	<p><b>Question:</b> Please provide specification and detail for the shower door alternate.</p> <p><b>Response:</b> Frameless glass door shall be 3/8" thick acid etched frosted tempered glass with enduroshield coating on both sides. Glass door at regular stall shall be 26" wide x 4' high with frameless glass side panel to match. ADA Stall to be 36" wide x 4' high with frameless glass side panel to match. Bottom of door and panel to be +12" AFF. Field verify exact dimension for side panels to fit stall. Hardware to be brushed nickel anodized. Hinges to be glass to wall self centering hinges (swing in and out) at regular stalls and leak proof hinges at ADA stall. Provide blocking in walls to receive attachments; see sheet A-9.3 for blocking information. Shower door to be American Shower Door or equal. 6920 E. Slauson Avenue, Commerce, CA 90040 800.421.2333.</p>
7	E-2.1	<p><b>Question:</b> This morning when I started to look at it, I came across a question that I'm hoping that you can help me with. On page E-2.1, the plans call for us to remove and relocate F10 and F19 fixtures. It looks like we are going to need a couple new F10 Fixtures though, and I can't find any description of that fixture in any of the PDF's.</p> <p>Are you able to get a description of the F10 fixture so that I can get an accurate quote for it?</p> <p><b>Response:</b> Existing Fixture is 6" diameter x 6 1/2" high recessed down light with horizontal compact fluorescent lamp, universal voltage electronic ballast and self flanged white reflector to match existing. Provide all trims, ballasts, mounting equipments, fittings and lamps as required for complete installation.</p>
8	A2.1, Key Note 14, A2.2 Key Note 20	<p><b>Question:</b> Please provide clear details and elevations ect. for the noted concrete base to be saw cut "as required". Job walk conditions indicate an existing tall concrete base, one that most likely will not be able to saw cut but require complete removal in order to "modify or add concrete base" as noted A2.2 KN#20. This is not something that you can make the contractor assume to modify, add a concrete base and/or VIF for bidding purposes. See California Public Contract Code Section 1104.</p> <p><b>Response:</b> See Response to RFI item #5.</p>
9	A2.2 Key Note 27	<p><b>Question:</b> Please provide the ceramic floor pattern detail @ the new ceramic tile over new concrete slab per A-2.2 KN #27 and anticipated areas to be patched.</p> <p><b>Response:</b> Tile pattern to match existing adjacent tile surface. See specification section 09 3013 issued as part of Addendum A.</p>
10		<p><b>Question:</b> The job is indicating to be done during normal business hours, and loud noise generating work must be coordinated with the school. Generally this ends up as being night work. Is this going to be specified as night work for this job, since it is more than likely that the noise generated will be too loud for the school. Or at the least specific portions of the job are to be specified as night work?</p> <p><b>Response:</b> See Document 00 73 00 - Supplementary Conditions; Added new sub-section A. to existing section 3. In addition, see item 2 under subsection III above.</p>

11		<p><b>Question:</b> The curb in the locker rooms that must be cut down. I do not see where it indicates how thick that curb is. Is the curb 6" thick or is it 20" thick because its thickness will determine how it can be removed.</p> <p><b>Response:</b> See Response to RFI item #5.</p>
12	01 10 00, 1.7C	<p><b>Question:</b> Per 01 10 00 section 1.7C it also indicated that we would be held responsible for cost incurred by the District when after hour work is done. How is that cost to be determined if needed and how do we quantify this amount.</p> <p><b>Response:</b> The difference between the direct costs for inspections during regular hours and direct costs for inspections between off hours will be charged to the Contractor. That difference varies based on the type of inspection requested, with an approximate range of \$ 50 to \$ 75 per hour. Normal inspection/testing hours are 7am to 4pm Monday through Friday. If the Contractor schedules inspections or testing during off hours, the difference will be backcharged to them.</p>
13	A 2.1, Key Note 14	<p><b>Question:</b> Regarding the existing concrete bases for the lockers. Your intent is for us to saw cut the base through the existing tile and have a level surface for the new lockers while keeping two courses of 1" black tile and cove base intact? It might be better to demo the entire base and build a new base out of metal studs. Please verify Note 14 on Page A2.1 is your intended method of construction.</p> <p><b>Response:</b> See Response to RFI item #5. District has discussed the feasibility of saw cutting the existing concrete curb with several demolition contractors, and they have confirmed that it is feasible.</p>
14		<p><b>Question:</b> Can the existing emergency phone, near the B5 pool deck showers, be relocated to opposite wall or onto the contractor-installed temporary barrier? Should the contractor relocate the existing signage on building 5 that may be covered/concealed when the contractor installs the temporary barrier?</p> <p><b>Response:</b> Yes. The contractor shall relocate the existing emergency phone to either the wall or contractor installed barrier, revised location to be confirmed by the District. Contractor shall provide required conduits, wiring etc. for a complete functional installation. The contractor shall re-install the emergency phone to its original location prior to Final Completion of construction. The contractor shall relocate the existing signs on B5 exterior wall to location to be identified by the District. The contractor shall reinstall the signage to original location prior to reaching Final Completion of construction.</p>
15		<p><b>Question:</b> Can the contractor attach the temporary barrier to the pool deck concrete or to the Building 5 exterior walls?</p> <p><b>Response:</b> No. The temporary barrier cannot be attached to the pool deck concrete or to the building 5 exterior walls.</p>

**VI. ATTACHMENTS**

Item	Reference	Description
1	Table of Contents	Document 00 0110 – Table of Contents, Dated September 26, 2012
2	Section 00 91 01	Section 00 91 01 – Addendum No. 1, dated September 26, 2012
3	Section 01 4523	Exhibit A to Section 01 4523: DSA Form 103 and DSA ORS -6: documents required for project certification

<b>4</b>	Product cut sheets	Exhibit A to Section 10 2800: Dyson Airblade high speed hand dryer; Bobrick recess paper towel dispenser B-359
<b>5</b>	Sheet A2.1	Demolition Floor Plan
<b>6</b>	Sheet A2.2	Floor Plan
<b>7</b>	Sheet A7.2	Interior Elevations
<b>8</b>	Sheet A7.2	Interior Elevations
<b>9</b>	Sheet E2.2	Electrical Power Plan

END OF ADDENDUM



Exhibit A



FORM **DSA-103** rev 1/12

**Statement of Structural Tests and Special Inspections**  
2010 CBC

INCREMENT #

DSA File No.:

Application No.:

41-21

0112844

Date Submitted: 9.31.2012

Revised:

Revised:

School Name	<u>COWEDGE OF SAN MATEO</u>	District	<u>SAN MATEO COUNTY COMMUNITY COLLEGE DIST.</u>
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**IMPORTANT:** This form is only a summary list of structural tests and special inspections required for the project. The actual tests and inspections must be performed as detailed on the DSA approved documents. The project inspector is responsible for providing inspection of all facets of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high-load wood diaphragms, cold-formed steel framing, anchorage of non-structural components, etc., per Title 24, Part 2, Chapter 17A.  
**NOTE:** This form is also available for projects submitted for review under the 2007 CBC.

**INSTRUCTIONS:** Click a plus sign (+) before any category or subcategory to reveal additional tests and special inspections. An "X" before a listed test or inspection indicates it is a mandatory requirement. A shaded box indicates a test or special inspection that may be required, depending on the scope of the construction and other issues. A shaded box can be clicked indicating your selection of that test. Note: A minus (-) on a category or subcategory heading indicates that it can be collapsed. However, any selections you may have made will be cleared. Click on the "COMPILE" button to show only the tests finally selected. For more information on use of this form, see DSA-103.INSTR.

Note: All references to the California Building Code (CBC) are to the 2010 edition.

REQUIRED	TEST OR SPECIAL INSPECTION	TYPE 1	PERFORMED BY 2	CODE REFERENCE AND NOTES
+	<b>SOILS</b>			
+	<b>CONCRETE</b>			Table 1704A.4
+	<b>MASONRY</b>			Table 1704A.5.3
	<b>STEEL</b>			Table 1704A.3
+	<b>WOOD</b>			
+	<b>OTHER</b>	<u>PERIODIC</u>		Section 1704A.15 <u>SUSPENDED GYP BD CEILING BY I.O.R.</u>

Summary of Verified Reports Required:

Note: Project inspector, contractor, architect and engineer verified reports are always required (Form DSA-6 or DSA-6/AE as applicable).

KEY to Columns

1 Type -	2 Performed By -
Continuous -- indicates that a continuous special inspection is required	GE -- indicates that the special inspection is to be performed by a registered geotechnical engineer or his or her authorized representative
Periodic -- indicates that a periodic special inspection is required	Lab -- indicates that the test is to be performed by a testing laboratory accepted in the DSA laboratory Evaluation and Acceptance (LEA) Program
Test -- indicates that a test is required	PI -- indicates that the special inspection is to be performed by the project inspector
	SI -- indicates that the special inspection is to be performed by a special inspector
(Note: The difference between "tests" and "special inspections" is addressed in IR 17-4)	(Note that reassignment of responsibility is permitted only with the written approval of DSA)

SALLY SWANSON  
Name of Architect or Engineer in general responsible charge

Name of Structural Engineer (When structural design has been delegated)

Signature of Architect or Structural Engineer

date

9/20/12

IDENTIFICATION STAMP  
DIV OF THE STATE ARCHITECT

APP. # 01-112844

AC N/A F/L N/A SS AK

DATE 9/20/12



DOCUMENTS REQUIRED FOR PROJECT CERTIFICATION- ORS-6

Project Name: CSM BLDG 5

File No.: 41-cl Application No.: 01-112844 Name of A/E: \_\_\_\_\_

Project Information

Req'd	Received	Not Received	Item	Comments
X			Form DSA-5 (Project/Site)	For Project/Site Inspector(s)
			Form DSA-5 (In-Plant)	For Relocatable Buildings Only
X			Form DSA-102	Contract Information

Final Verified Report (Form DSA-6A/E)

Req'd	Received	Not Received	Final Verified Reports (Form DSA-6 A/E)	Comments
X			Architect	
			Structural Engineer	
			Mechanical Engineer	
			Electrical Engineer	

Final Verified Report (Form DSA-6)

Req'd	Received	Not Received	Final Verified Reports (Form DSA-6)	Comments
X			Project/Site Inspector(s)	
X			Contractor	From Each Contractor
			In-Plant Inspector	For Relocatable Building Only
			Special Inspector(s)	

Other Final Verified Reports/Affidavits

Req'd	Received	Not Received	Final Verified Reports/Affidavits	Comments
			Laboratory (Form DSA-291)	Signed by LEA Lab Professional Engineer
			Shop Welding & Fabrication (Form DSA-292)	Signed by AWS/CWI Welding Inspector
			Field Welding (Form DSA-292)	Signed by AWS/CWI Welding Inspector
			High Strength Bolt Installation (Form DSA-292)	
			Glulam Fabrication (Form DSA-292)	
			Manufactured Trusses	
			Masonry Inspection (Form DSA-292)	
			Engineered Fill (Form DSA-293)	Signed by Geotechnical Engineer
			Drilled Pier Soil Inspection (Form DSA-293)	Signed by Geotechnical Engineer
			Bleacher Fabrication	
			Other:	
			Other:	

Other Documents

Req'd	Received	Not Received	Items	Comments
			Further Fees	See Attached Invoice
X			Notice of Completion	Signed by School District/Owner
			Automatic Sprinkler System D.A.	Deferred Approval Item
			Fire Suppression System D.A.	Deferred Approval Item
			Skylights D.A.	Deferred Approval Item
			Bleachers D.A.	Deferred Approval Item
			Change Orders:	
			Form DSA-102 For all fees and/or reimbursable charges paid to the Construction Managers	
			Test Reports: <input type="checkbox"/> Expansion Anchors, <input type="checkbox"/> Grouted Anchors, <input type="checkbox"/> Adhesive Anchors	
			Electrical Grounding Test Report	
			Checklist for Site Inspector of Relocatable Bldgs.	
			Record Set of Drawings and Specifications approved by DSA during plan check but were not copied to DSA	
X			Other: <u>DSA 168 STATEMENT OF FINAL COST</u>	
			Other:	
			Other:	

Signature of A/E: [Signature] Date: 9/20/12

For 90 Day Letter Preparation By: \_\_\_\_\_ Date: \_\_\_\_\_

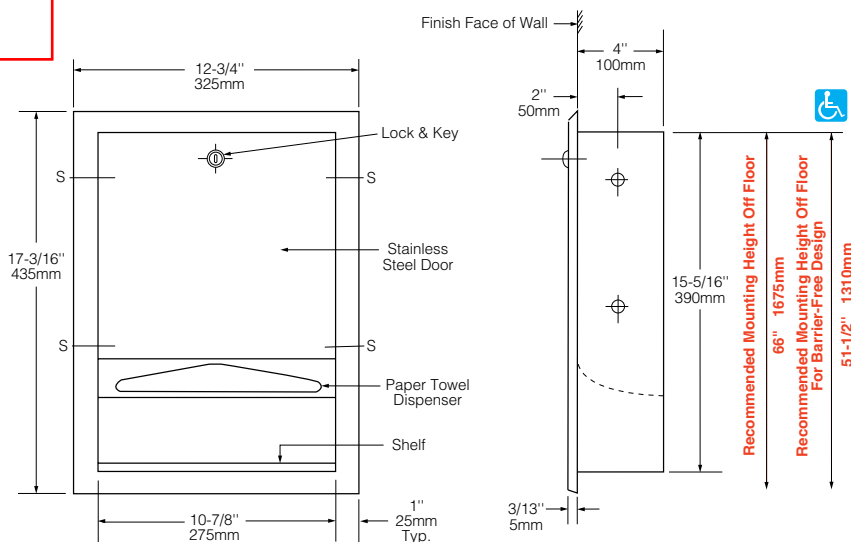


Technical Data

# RECESSED PAPER TOWEL DISPENSER

# B-359

Section 10 2800  
Exhibit A



**Rough Wall Opening**  
 11-1/4" (285mm) wide  
 15-5/8" (395mm) high  
 4" (102mm) minimum recessed depth

## MATERIALS:

**Cabinet** — 18-8 S, type-304, heavy-gauge stainless steel. All-welded construction. Exposed surfaces have satin finish.

**Flange** — 18-8 S, type-304, 22-gauge (0.8mm) stainless steel with satin finish. Drawn, one-piece, seamless construction.

**Door** — 18-8 S, type-304, 22-gauge (0.8mm) stainless steel with satin finish. Double-pan-back construction is warp-resistant. Secured to cabinet with a welded, full-length stainless steel piano-hinge. Equipped with a stainless steel cable door-swing limiter and tumbler lock keyed like other Bobrick washroom accessories.

**Paper Towel Dispenser** — 18-8 S, type-304, 22-gauge (0.8mm) stainless steel. Dispenses C-fold or multifold paper towels. Capacity: 350 C-fold or 475 multifold paper towels.

**Shelf** — 18-8 S, type-304, 22-gauge (0.8mm) stainless steel with satin finish.

## OPERATION:

Paper towel dispenser will dispense C-fold or multifold paper towels without adjustment or use of adapters.

## INSTALLATION:

Provide framed rough wall opening 11-1/4" wide x 15-5/8" high (285 x 395mm). Minimum recessed depth required to finish face of wall is 4" (102mm). Allow clearance for construction features that may protrude into rough wall opening from opposite wall. Coordinate with mechanical engineer to avoid pipes, vents, and conduits in wall. Mount unit in wall opening with shims between framing and cabinet at all points indicated by an S, then secure unit with #8 x 1-1/4" (M4.2 x 32mm) sheet-metal screws (not furnished by manufacturer).

## SPECIFICATION:

Recessed paper towel dispenser shall be type-304 stainless steel with all-welded construction; exposed surfaces have satin finish. Flange shall be drawn, one-piece, seamless construction. Door shall be secured to cabinet with a welded, full-length, stainless steel piano-hinge and equipped with a stainless steel cable door-swing limiter and tumbler lock keyed like other Bobrick washroom accessories. Shelf shall be stainless steel with satin finish. Paper towel dispenser shall dispense 350 C-fold or 475 multifold paper towels without additional adapters or trays. Manufacturer's service and parts manual shall be provided to the building owner/manager upon request.

**Recessed Paper Towel Dispenser shall be Model B-359 of Bobrick Washroom Equipment, Inc., Clifton Park, New York; Jackson, Tennessee; Los Angeles, California; Bobrick Washroom Equipment Company, Scarborough, Ontario; Bobrick Washroom Equipment Pty., Australia; and Bobrick Washroom Equipment Limited, United Kingdom.**

# dyson airblade

The fastest, most hygienic hand dryer.

## 12 second dry time

Sheets of air travelling at over 400mph scrape water from hands like a windshield wiper.

## Costs less to run

Dries 22 pairs of hands for the price of a single paper towel.\*

## Uses up to 80% less energy than warm air hand dryers

Patented Dyson digital motor spins 81,000 times a minute – delivering a much faster dry time using less energy.

## Carbon footprint

The only hand dryer awarded the Carbon Reduction Label.

## The most hygienic hand dryer

A HEPA filter removes 99.97% of bacteria from the air used to dry hands.

## Touch-free operation

Starts and stops automatically.  
No dirty buttons to press.

## Easy to clean

Sealed casing integrated with anti-microbial additives eliminates up to 99.9% of surface bacteria to protect the product.

## Tough and durable

Robust, vandal-proof casing.

## 5 year warranty

Comes with five year parts and first year labor limited warranty.

## Product range

AB  
O2

AB02 has an aluminium casing for high-impact venues. It is available in 120V and 208V.

### Aluminum



\*Calculations based on average paper towel cost of \$0.01 and an electricity charge of \$0.0989 per kWh. Source: US Department of Energy.

**AB  
04**

AB04 is made from a tough, polycarbonate ABS for regular washrooms – and is 50% less carbon-intensive to manufacture than the aluminum equivalent.

Gray



White



### Electrical

Electrical supply: 110-120 V AC, 60 Hz  
 Rated power: 1400 W  
 Motor type: Dyson digital motor. Switched reluctance brushless  
 Motor speed: 81,000 rpm  
 Heater type: None  
 Standby power consumption: 1 W  
 Energy consumption per dry: 0.00468 kwh

### Construction

Die-cast aluminum casing with anti-microbial scuff resistant lacquer coating on exterior surfaces  
 Color finish: Silver, gloss lacquer  
 Light reflective value: 39.9  
 Anti-microbially integrated external plastics and seals  
 Pressed anti-rust steel backplate  
 Tamper-proof T30 type exterior screws  
 Water ingress protection to IPX 5

### Filtration

Anti-microbial HEPA filter  
 Particulate removal tested to 99.5% at 0.15 μ MPPS according to EN1822  
 Bacteria removal 99.9%

### Operation

Touch-free infra-red activation  
 Hand dry time: 12 seconds (measured to method defined by National Sanitation Foundation protocol P335)  
 Airspeed at apertures: 400 mph  
 Operating airflow: 66 CFM  
 Rated operating noise power: 84 db(A)

### Logistics

Single unit order code: 13043-01  
 Unit weight: 34.2 lb  
 Packaged weight: 39.7 lb  
 Packaged dimensions: 28.7" × 14.1" × 11.9"  
 Pallet count: 13  
 Pallet type: US  
 Unit barcode: 879957001275

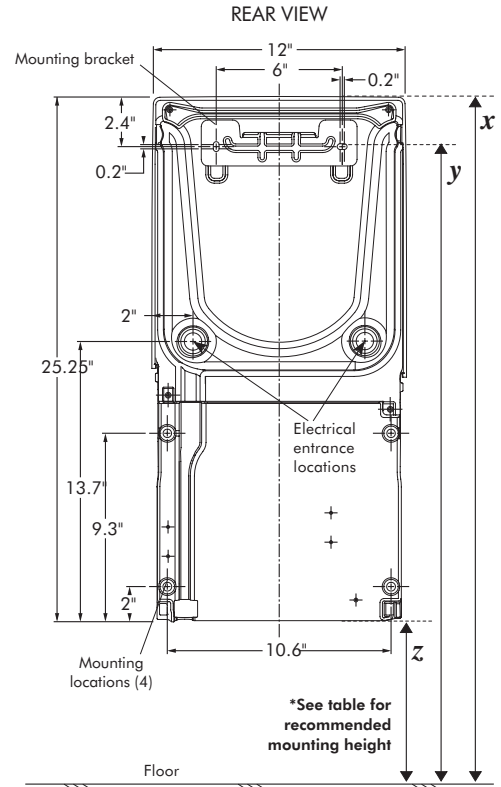
### Standard warranty

5 year parts, 1st year labor limited

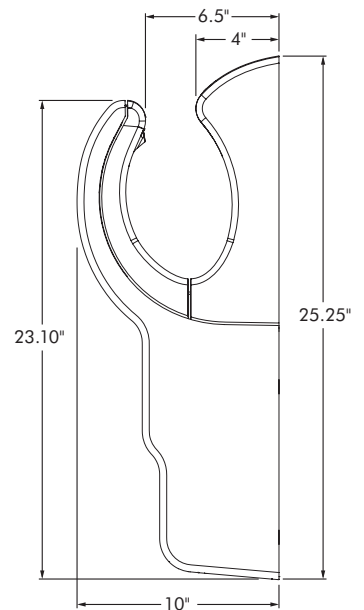
### Product Certification

ETL listed in accordance with UL 507  
 ADA Compliant  
 HACCP Certified

*Recommended installation heights measured from floor	Male	Female	Child or Disabled
x To top of machine	41.25"	38.25"	34.25"
y To mounting bracket screw	39.0"	36.0"	32.0"
z To bottom of machine	16.0"	13.0"	9.0"



### SIDE VIEW





#### Electrical

Electrical supply: 208 V AC, 60 Hz  
 Rated power: 1600 W  
 Motor type: Dyson digital motor. Switched reluctance brushless  
 Motor speed: 88,000 rpm  
 Heater type: None  
 Standby power consumption: 1 W  
 Energy consumption per dry: 0.0044 kWh

#### Construction

Die-cast aluminum casing with anti-microbial scuff resistant lacquer coating on exterior surfaces  
 Color finish: Silver, gloss lacquer  
 Light reflective value: 39.9  
 Anti-microbially integrated external plastics and seals  
 Pressed anti-rust steel back plate / mounting bracket  
 Tamper-proof T30 type exterior screws  
 Water ingress protection to IPX 5

#### Filtration

Anti-microbial HEPA filter  
 Particulate removal tested to 99.5% at 0.15  $\mu$  MPPS according to EN1822  
 Bacteria removal 99.9%

#### Operation

Touch-free infra-red activation  
 Hand dry time: 10 seconds (measured to method defined by National Sanitation Foundation protocol P335)  
 Airspeed at apertures: 400 mph  
 Operating airflow: 74 CFM  
 Rated operating noise power: 87 dB(A)

#### Logistics

Single unit order code: 14645-01  
 Unit weight: 34.2 lb  
 Packaged weight: 39.7 lb  
 Packaged dimensions: 28.7"  $\times$  14.1"  $\times$  11.9"  
 Pallet count: 13  
 Pallet type: US  
 Unit barcode: 879957001848

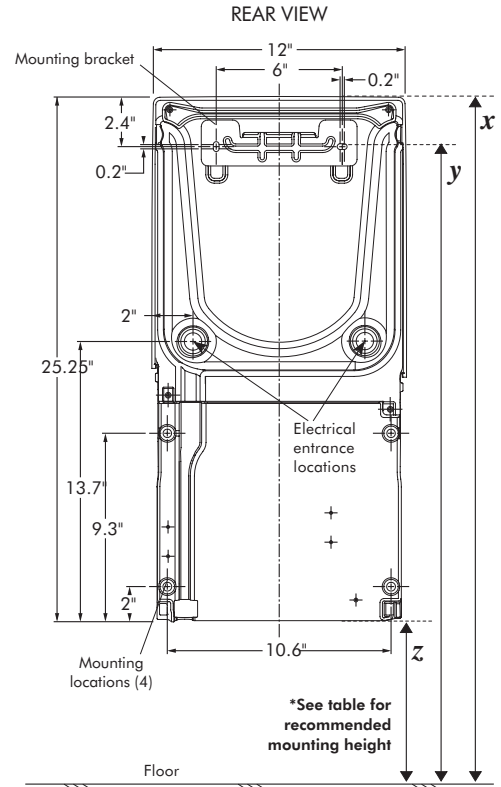
#### Standard warranty

5 year parts, 1st year labor limited

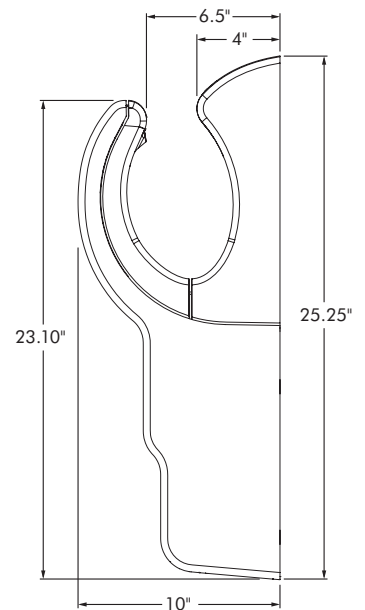
#### Product Certification

ETL listed in accordance with UL 507  
 ADA Compliant  
 HACCP Certified

*Recommended installation heights measured from floor	Male	Female	Child or Disabled
x To top of machine	41.25"	38.25"	34.25"
y To mounting bracket screw	39.0"	36.0"	32.0"
z To bottom of machine	16.0"	13.0"	9.0"



#### SIDE VIEW



#### Electrical

Electrical supply: 110-120 V AC, 60 Hz  
 Rated power: 1400 W  
 Motor type: Dyson digital motor. Switched reluctance brushless  
 Motor speed: 81,000 rpm  
 Heater type: None  
 Standby power consumption: 1 W  
 Energy consumption per dry: 0.00468 kwh

#### Construction

Polycarbonate- ABS casing with homogenous antimicrobial additive in all external surfaces  
 Color finish: Gray or white  
 Light reflective value: 28.3 (gray); 77.4 (white)  
 Anti-microbially integrated external plastics and seals  
 Galvanized steel back plate / mounting bracket  
 Tamper-proof T30 type exterior screws  
 Water ingress protection to IPX 5

#### Filtration

Anti-microbial HEPA filter  
 Particulate removal tested to 99.5% at 0.15  $\mu$  MPPS according to EN1822  
 Bacteria removal 99.9%

#### Operation

Touch-free infra-red activation  
 Hand dry time: 12 seconds (measured to method defined by National Sanitation Foundation protocol P335)  
 Airspeed at apertures: 400 mph  
 Operating airflow: 66 CFM  
 Rated operating noise power: 88 db(A)

#### Logistics

Single unit order code: 14225-01 (gray); 19808-01 (white)  
 Unit weight: 22 lb  
 Packaged weight: 28.7 lb  
 Packaged dimensions: 28.7"  $\times$  14.1"  $\times$  11.9"  
 Pallet count: 13  
 Pallet type: US  
 Unit barcode: 879957002210 (gray); 879957003989 (white)

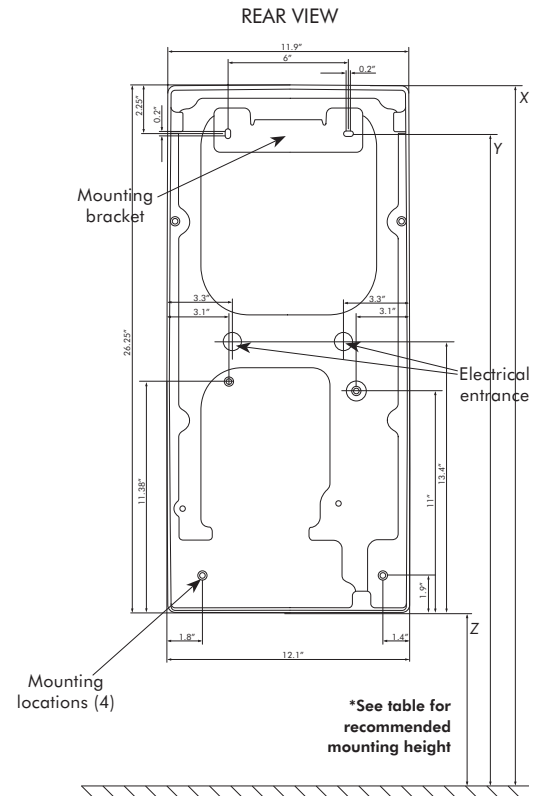
#### Standard warranty

5 year parts, 1st year labor limited

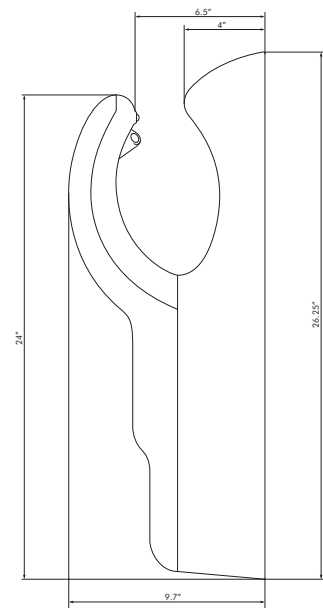
#### Product Certification

ETL listed in accordance with UL 507  
 ADA Compliant

*Recommended installation heights measured from floor	Male	Female	Child or Disabled
x To top of machine	41.25"	38.25"	34.25"
y To mounting bracket screw	39.0"	36.0"	32.0"
z To bottom of machine	15.0"	12.0"	8.0"



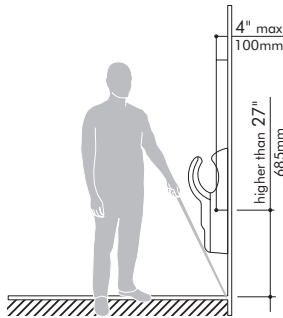
#### SIDE VIEW





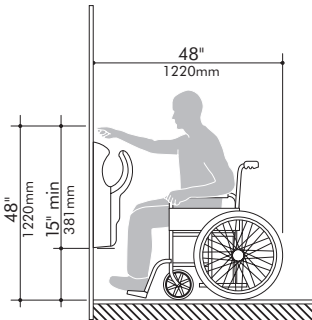
### Mobility access within washroom facilities

The Americans with Disabilities Act (ADA) defines the accessible requirements for the design and construction of washroom spaces in the United States.\* Detailed below are examples of the installation requirements for hand dryers. The Dyson Airblade™ hand dryer (AB02, AB04) has been designed to comply with these recommendations.



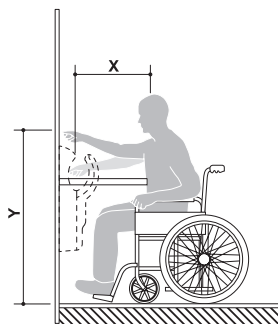
#### Clearance for wall-mounted protruding objects

Objects that protrude beyond 4" (100mm) from the wall must be mounted so that part of the object is below 27" (685mm) from the floor in order to overlap the cane detection range specified by ADA standards.



#### Forward reach:

Maximum high forward reach allowed shall be: 48" (1220mm)  
Minimum low forward reach allowed shall be: 15" (381mm)



#### Forward reach over an obstruction:

When the reach x is less than 20" (510mm) then the maximum height y shall be 48" (1220mm) maximum.

US09003 01.14.09 © 2009 Dyson



\*Source: ADA Accessibility Guidelines for Buildings and Facilities (ADAAG), Section 4. Accessible Elements and Spaces: Scope and Technical Requirements.