

DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK



CITY OF PORTLAND

BUILDING PERMIT

This is to certify that Casco View Holdings Inc

Located At 468 FORE ST

Job ID: 2012-01-3133-HVAC

CBL: 038- F-009-001

has permission to HVAC at 261/269 Commercial

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statues of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of the buildings and structures, and of the application on file in the department.

Notification of inspection and written permission procured before this building or part thereof is lathed or otherwise closed-in. 48 HOUR NOTICE IS REQUIRED.

A final inspection must be completed by owner before this building or part thereof is occupied. If a certificate of occupancy is required, it must be

Fire Prevention Officer

Code Enforcement Officer / Plan Reviewer

THIS CARD MUST BE POSTED ON THE STREET SIDE OF THE PROPERTY
PENALTY FOR REMOVING THIS CARD

BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693 (ONLY)

or email: buildinginspections@portlandmaine.gov

With the issuance of this permit, the owner, builder or their designee is required to provide adequate notice to the city of Portland Inspections Services for the following inspections. Appointments must be requested 48 to 72 hours in advance of the required inspection. The inspection date will need to be confirmed by this office.

- **Please read the conditions of approval that is attached to this permit!! Contact this office if you have any questions.**
- **Permits expire in 6 months. If the project is not started or ceases for 6 months.**
- **If the inspection requirements are not followed as stated below additional fees may be incurred due to the issuance of a "Stop Work Order" and subsequent release to continue.**

Required Inspections:

1. Close-in inspection required prior to insulating or drywalling.
2. Final inspection required upon completion of work.

The project cannot move to the next phase prior to the required inspection and approval to continue, REGARDLESS OF THE NOTICE OF CIRCUMSTANCES.

IF THE PERMIT REQUIRES A CERTIFICATE OF OCCUPANCY, IT MUST BE PAID FOR AND ISSUED TO THE OWNER OR DESIGNEE BEFORE THE SPACE MAY BE OCCUPIED.



PORTLAND MAINE

Strengthening a Remarkable City, Building a Community for Life • www.portlandmaine.gov

Director of Planning and Urban Development
Penny St. Louis

Job ID: 2012-01-3133-HVAC

Located At: 468 FORE ST

CBL: 038- F-009-001

Conditions of Approval:

Zoning

1. This permit is being approved on the basis of plans submitted. Any deviations shall require a separate approval before starting that work.
2. This zone has maximum noise allowances in the B-3 zone. The City of Portland strictly enforces the level of sound generated on the property. Any verified noise violations shall require the owner to take mitigating measures to bring the property and the noise it generates into compliance.

Fire

NFPA 90A, *Standard for the Installation of Air-Conditioning and Ventilating Systems*;

NFPA 91, *Standard for Exhaust Systems for Air Conveying Vapors, Gases, Mists, and Noncombustible Particulate Solids*;

NFPA 70, *National Electrical Code*; and the manufacturer's published instructions.

Installation shall comply with City Code Chapter 10.

City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, FAX: (207) 8716

Job No: 2012-01-3133-HVAC	Date Applied: 1/20/2012	CBL: 038- F-009-001	
Location of Construction: 468 FORE ST	Owner Name: CASCO VIEW HOLDINGS INC	Owner Address: PO BOX 3572 PORTLAND, ME 04104	Phone:
Business Name: MEMIC BLDG	Contractor Name: JOHNSON & JORDAN INC	Contractor Address: 18 MUSSEY RD SCARBOROUGH MAINE 04074	Phone: 883-8345
Lessee/Buyer's Name:	Phone:	Permit Type: HVAC	Zone: B-3
Past Use: Offices	Proposed Use: Same: Offices – to install new A/C unit in 2 nd floor computer room as back-up	Cost of Work: \$79,000.00	CEO District:
		Fire Dept: <input type="checkbox"/> Approved w/condition <input type="checkbox"/> Denied <input type="checkbox"/> N/A Signature: <i>Capt. Simon 1/27/12</i>	Inspection: Use Group Type: <i>BUAR</i> Signature: <i>[Signature]</i>
Proposed Project Description: Install HVAC aka 261/269 Commercial		Pedestrian Activities District (P.A.D.)	
Permit Taken By: Brad		Zoning Approval	

1. This permit application does not preclude the Applicant(s) from meeting applicable State and Federal Rules.
2. Building Permits do not include plumbing, septic or electrical work.
3. Building permits are void if work is not started within six (6) months of the date of issuance. False informatin may invalidate a building permit and stop all work.

Special Zone or Reviews

- Shoreland
- Wetlands
- Flood Zone
- Subdivision
- Site Plan

___ Maj ___ Min ___ MM
Date: *[Signature]*
1/23/12

CERTIFICATION

Zoning Appeal

- Variance
- Miscellaneous
- Conditional Use
- Interpretation
- Approved
- Denied

Date:

Historic Preservation

- Not in Dist or Landmark
- Does not Require Review
- Requires Review
- Approved
- Approved w/Conditions
- Denied

Date:

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the appication is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT ADDRESS DATE PHONE

RESPONSIBLE PERSON IN CHARGE OF WORK, TITLE DATE PHONE

emailed electronic to Larric

AL BS
1/23/12

FILL IN AND SIGN WITH INK



APPLICATION FOR PERMIT HEATING OR POWER EQUIPMENT



To the INSPECTOR OF BUILDINGS, PORTLAND, ME.

468 Fore St.

B-3
not in historic

The undersigned hereby applies for a permit to install the following heating, cooking or power equipment in accordance with the Laws of Maine, the Building Code of the City of Portland, and the following specifications:

Location / CBL 269 261 Commercial St. Portland Use of Building office Date 1/19/12

Name and address of owner of appliance Casco View Holdings II, LLC Portland, ME 04104

Installer's name and address Johnson + Jordan Inc. 18 Mussey Road Scarborough ME 04024 Telephone 883-8345

Location of appliance:

Basement 2nd Floor
 Attic Roof

Type of Fuel: NA

Gas Oil Solid

Appliance Name: York 15 Ton A/C Unit

U.L. Approved Yes No

Will appliance be installed in accordance with the manufacture's installation instructions? Yes No

IF NO Explain: _____

Type of Chimney:

Masonry Lined
Factory built NA

Metal
Factory Built U.L. Listing # NA

Direct Vent
Type NA UL# _____

Type of Fuel Tank

Oil NA
 Gas NA

Size of Tank NA

Number of Tanks NA

Distance from Tank to Center of Flame NA feet.

Cost of Work: \$ 78,336.00

Permit Fee: \$ _____

RECEIVED
JAN 20 2012
Dept. of Building Inspections
City of Portland Maine

The Type of License of Installer:

Master Plumber # _____
 Solid Fuel # _____
 Oil # _____
 Gas # _____
 Other Mechanical contractor

Approved

Fire: _____
 Ele.: _____
 Bldg.: _____

Approved with Conditions

See attached letter or requirement

Inspector's Signature _____ Date Approved _____

Signature of Installer Russell [Signature]

White - Inspection Yellow - File Pink - Applicant's Gold - Assessor's Copy





RECEIVED

JAN 20 2012

SCOPE OF WORK

Dept. of Building Inspections
City of Portland Maine

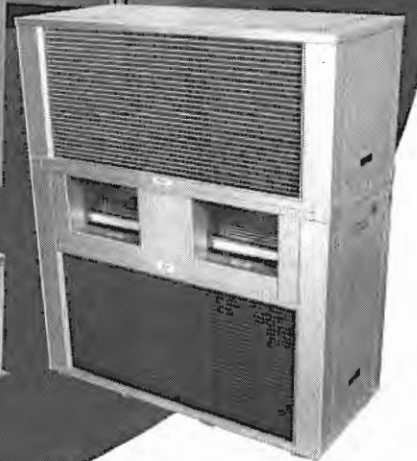
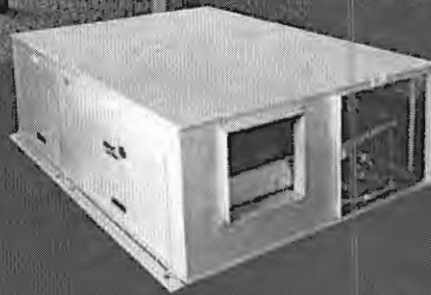
1. Installation of one 15 ton, Johnson Control (YORK) self contained AC unit in an exterior room near the server room. The AC unit will have low ambient controls, high static motor, hot gas bypass and full integral operating & safety controls.
2. Installation of ductwork to integrate the new AC system with the raised floor server room cooling system. This ductwork to include exterior louvers for condenser section venting, motorized isolation dampers, turning vanes and supply & return ductwork to data center.
3. Installation of one Dri-steem steam canister type humidifier with duct dispersion header and modulating & high limit controls.
4. Installation of controls for temperature initiated changeover from the main cooling system to this back up cooling system with manual override for regular maintenance.
5. Water piping for all condensate and humidifier feed water including hangers, valves, regulators, connectors and insulation.
6. Control wiring for all temperature sensors, thermostats, motorized dampers, humidistats, changeover relays and devices.
7. Start up, testing and adjustment of new AC system and associated components and controls.
8. Training of selected building personnel in AC system operation and changeover override protocol.
9. Two sets of O & M manuals for all equipment and components.

Excluded: Any cutting, patching, building modifications, abatement of hazardous material, window removal, fire alarm integration, power wiring, temporary cooling, and masonry.

NOTE: This size option assumes room height to accommodate equipment.

ENGINEERING GUIDE

Air-Cooled Self-Contained Units



JAN 20 2012

Dept. of Building Inspections
City of Portland Maine

Johnson
Controls 

PRODUCT OVERVIEW

Refrigerant

R-410A

Sizes

2 – 20 Tons (7.03 – 70.3 kW)

Models

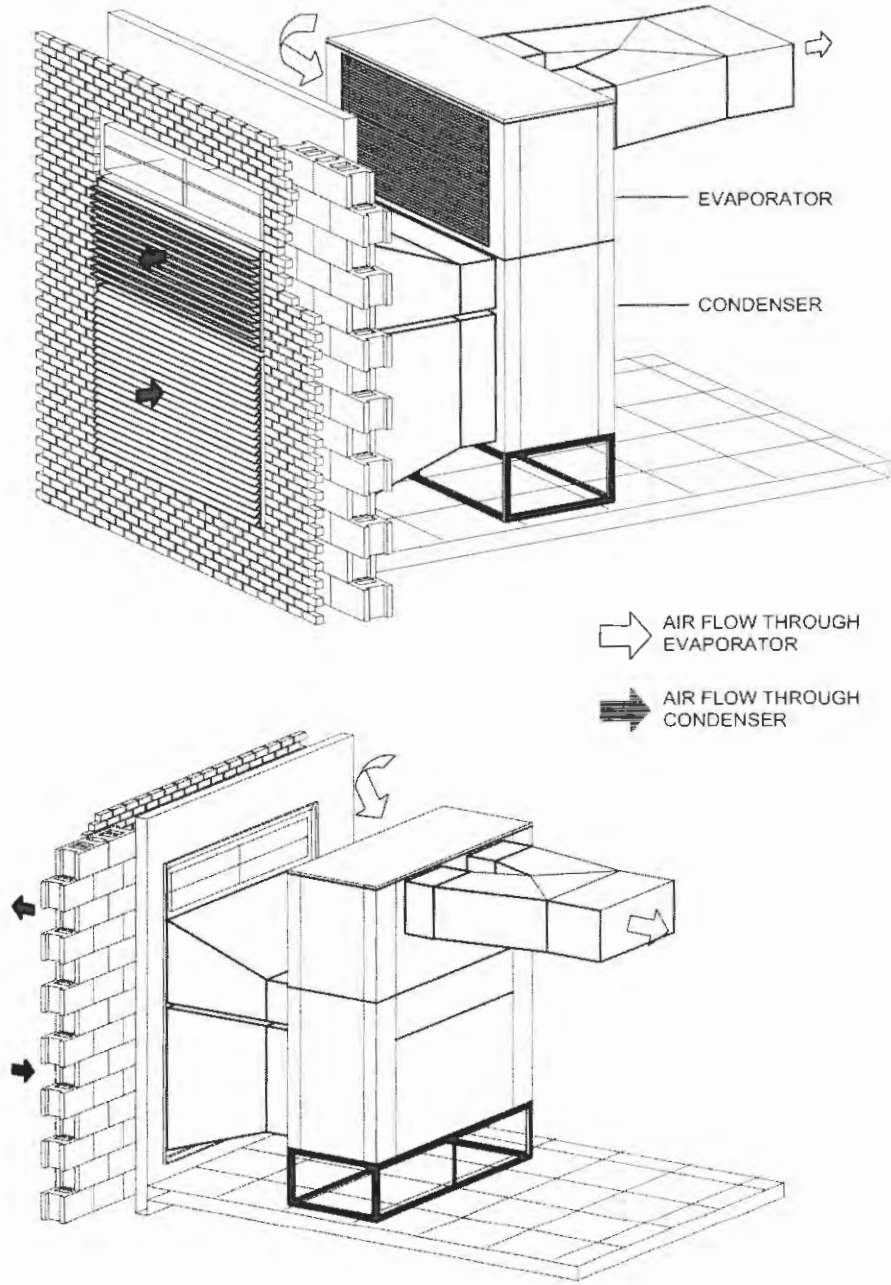
DSH (Horizontal) 2-10 Tons

DSV (Vertical) 3-20 Tons

Features

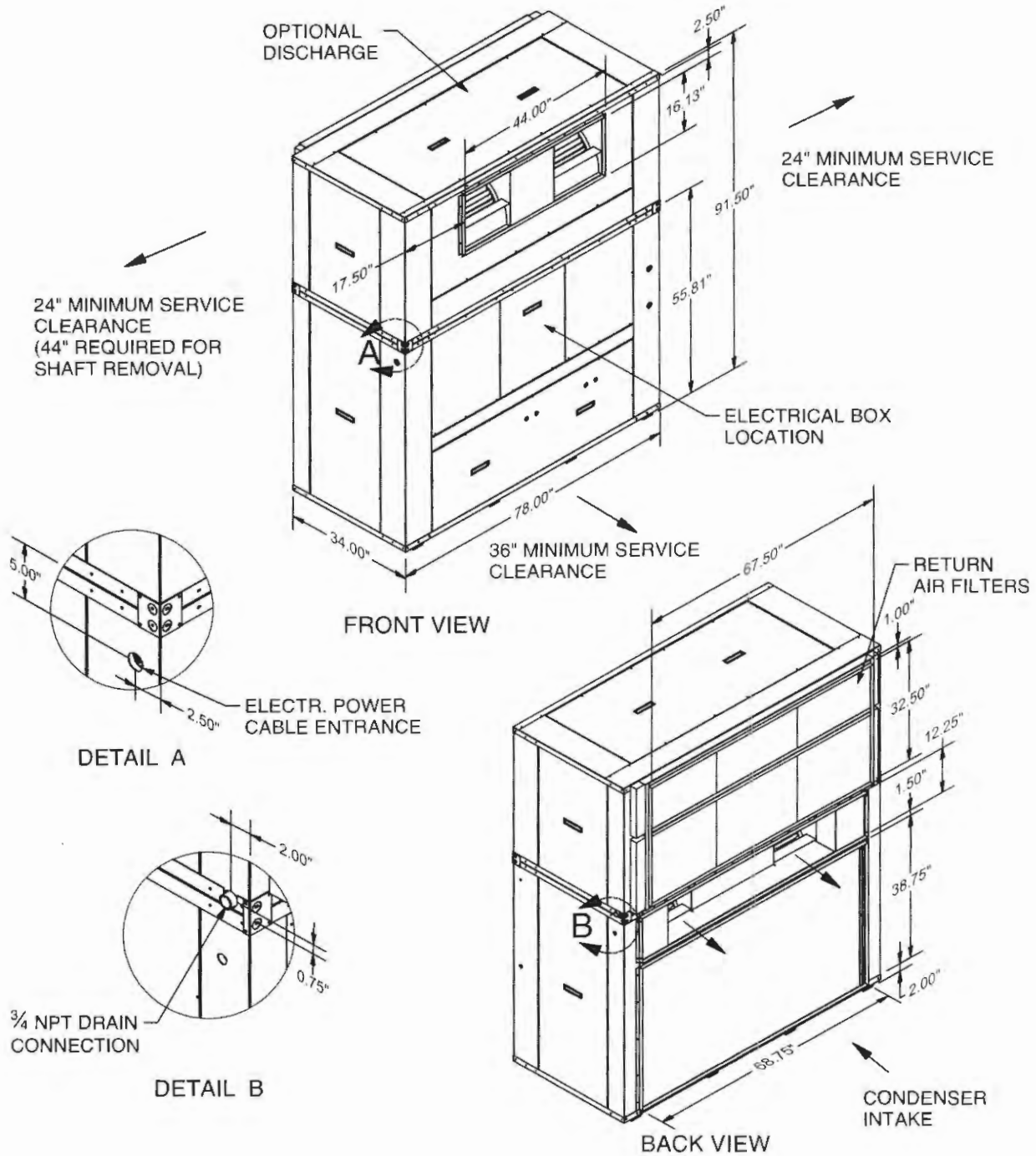
- Ideal for the renovation/retrofit of interior spaces, in both high-rise and low-rise buildings
- Preserves aesthetics of building exterior; the necessity for unsightly exterior equipment is eliminated
- Equipment is protected from extreme weather conditions and vandalism
- Floor-by-floor, or zone-by-zone, installation allows independent metering / temperature control
- Convenient indoor access for all service needs
- Unit casings are constructed of heavy gauge galvanized steel. Cabinet interiors are lined with 1/2 inch thick, 2 lb. density, acoustic insulation
- Separate evaporator and condensing unit modules, allowing field separation if required for ease of ingress / handling in building corridors or elevators.
- Belt driven centrifugal blowers, with adjustable pulleys, are employed for both evaporator and condenser air movement; field adjustment of external static pressure capability to suit a wide range of installation requirements
- High efficiency Scroll compressors
- Each refrigerant circuit complete with schraeder access fittings, sight glass/moisture indicator, filter drier, and thermal expansion valve with external equalizer
- Refrigerant circuit isolation valves, with service ports, allow installation of units as a split evaporator / condensing unit system (DSH models only)
- Dual independent compressor circuits on 8, 10, 12, 15, and 20 ton models
- Electronic compressor protection / diagnostic module; includes phase protection on 3-phase units

VERTICAL APPLICATION & INSTALLATION



DSV DIMENSIONAL DATA

DSV144/180 VERTICAL AIR-COOLED UNIT



Johnson Controls maintains a continuous product improvement policy, therefore specifications are subject to change without notice.

DSV PHYSICAL DATA



VERTICAL AIR COOLED — DSV SERIES R-410A

Model	DSV036	DSV048	DSV060	DSV096	DSV120	DSV144	DSV180	DSV240	
Nominal Cooling (Tons)	3	4	5	8	10	12	15	20	
Refrigerant	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	R-410A	
Cooling Performance									
Gross Cooling Capacity(Btu/h) ⁽¹⁾	37,800	50,100	62,900	99,500	124,200	145,900	177,900	252,400	
Design CFM	1,200	1,600	2,000	3,200	4,000	4,800	6,000	8,000	
Net Cooling Capacity	37,000 ⁽²⁾	49,000 ⁽²⁾	61,000 ⁽²⁾	98,000 ⁽³⁾	118,000 ⁽³⁾	142,000 ⁽³⁾	168,000 ⁽³⁾	240,000 ⁽³⁾	
Net Cooling CFM	1,200	1,600	2,000	3,200	3,600	4,800	5,000	7,200	
SEER ⁽²⁾	13.0	13.0	13.0	N/A	N/A	N/A	N/A	N/A	
EER ⁽³⁾	N/A	N/A	N/A	11.7	11.2	11.3	11.0	10.2	
Compressor-Qty/Type	1/Scroll	1/Scroll	1/Scroll	2/Scroll	2/Scroll	2/Scroll	2/Scroll	2/Scroll	
Evaporator Coil-Type	Enhanced Copper Tubes, Enhanced Aluminum Fins								
Dimension- Height x Width (in)	22X34	22X36	22X36	28X52	28x52	34X67	34x67	38x77	
Face Area (sq ft)	5.16	5.46	5.46	10.11	10.11	15.82	15.82	20.32	
Rows/FPI	3/12	3/12	3/12	3/12	4/12	3/14	4/14	4/14	
Filters- Quantity/Size(in)	2-18x24x2	2-20x24x2	2-20x24x2	3-20x14x2 3-20x16x2	3-20x14x2 3-20x16x2	2-25x20x2 2-25x14x2 1-20x14x2 1-20x20x2	2-25x20x2 2-25x14x2 1-20x14x2 1-20x20x2	8-20x20x2	
Condenser Coil-Type	Enhanced Copper Tubes, Enhanced Aluminum Fins								
Dimension- Height x Width (in)	30X34	32X36	32X36	34X56	34X56	40X67	40X67	44x77	
Face Area (sq ft)	7.03	7.94	7.94	13.22	13.22	18.61	18.61	23.53	
Rows/FPI	3/12	4/14	4/14	4/14	4/14	4/14	4/14	4/14	
Evaporator Fan-Type	Centrifugal, Forward Curved								
Qty.-Diameter x Width(in)	1-10x8	1-10x10	1-10x10	1-15X15	1-15X15	2-15X11	2-15X11	2-15x15	
Drive	Adjustable Belt								
Motor HP (Standard)	1/3	1/2	1	1.0	1.5	2	3	5	
Condenser Fan-Type	Centrifugal, Forward Curved								
Qty.-Diameter x Width(in)	1-12x12	1-12x15	1-12x15	2-15X9	2-15X9	2-18X9	2-18X9	2-18x13	
Drive	Adjustable Belt								
Motor HP (Standard)	1	1	1 1/2	1 1/2	2	3	5	7 1/2	
Dimensions	Height (in)	66.5	68.5	68.5	78.0	78.0	91.5	91.5	101.0
	Width (in)	40.0	42.0	42.0	64.0	64.0	78.0	78.0	88.0
	Depth (in)	29.0	29.0	29.0	32.5	32.5	34.0	34.0	34.0
Weight	Operating (lbs)	610	670	720	1055	1110	1415	1480	1610
	Shipping (lbs)	650	715	765	1105	1170	1500	1565	1695

(1) Cooling performance is rated at 95°F ambient, 80°F entering dry bulb, 67°F web bulb and CFM listed. Gross capacity does not include the effect of fan motor heat.

(2) Rated in accordance with ANSI/AHRI Standard 210/240

(3) Rated in accordance with ANSI/AHRI Standard 340/360



DSV ELECTRICAL DATA

DSV ELECTRICAL DATA-STANDARD MOTOR

MODEL #	VOLTAGE	COMPRESSOR			EVAPORATOR FAN		CONDENSER FAN		MIN. CCT.	MAX FUSE /	
		QTY	RLA	LRA	HP	FLA	HP	FLA	AMPACITY	CCT. BKR. AMP	
DSV036A1	208-230/1/60	1	@	14.1	77.0	0.33	3.2	1.00	6.7	27.53	40
DSV036A2	208-230/3/60	1	@	9.0	71.0	0.33	1.8	1.00	3.0	16.05	25
DSV036A4	460/3/60	1	@	5.6	38.0	0.33	0.8	1.00	1.4	9.20	15
DSV036A5	575/3/60	1	@	3.8	36.5	0.33	0.6	1.00	1.1	6.45	15
DSV048A1	208-230/1/60	1	@	19.9	109.0	0.50	4.4	1.00	6.7	35.98	50
DSV048A2	208-230/3/60	1	@	13.1	83.1	0.50	2.1	1.00	3.0	21.48	30
DSV048A4	460/3/60	1	@	6.1	41.0	0.50	1.0	1.00	1.4	10.03	15
DSV048A5	575/3/60	1	@	5.0	34.0	0.50	0.8	1.00	1.1	8.15	15
DSV060A2	208-230/3/60	1	@	16.0	110.0	1.00	3.2	1.50	4.3	27.50	40
DSV060A4	460/3/60	1	@	7.8	52.0	1.00	1.5	1.50	2.1	13.35	20
DSV060A5	575/3/60	1	@	5.7	38.9	1.00	1.2	1.50	1.7	10.03	15
DSV096A2	208-230/3/60	2	@	15.3	83.0	1.00	3.2	2.00	6.0	43.58	50
DSV096A4	460/3/60	2	@	6.2	41.0	1.00	1.5	2.00	2.8	18.20	20
DSV096A5	575/3/60	2	@	4.8	33.0	1.00	1.2	2.00	2.1	14.10	15
DSV120A2	208-230/3/60	2	@	16.0	110.0	1.50	4.6	3.00	8.5	49.06	60
DSV120A4	460/3/60	2	@	7.8	52.0	1.50	2.1	3.00	4.0	23.64	30
DSV120A5	575/3/60	2	@	5.7	38.9	1.50	1.7	3.00	3.1	17.63	20
DSV144A2	208-230/3/60	2	@	19.0	123.0	2.00	6.0	3.00	8.5	57.20	70
DSV144A4	460/3/60	2	@	9.7	62.0	2.00	2.8	3.00	4.0	28.58	35
DSV144A5	575/3/60	2	@	7.4	50.0	2.00	2.1	3.00	3.1	21.85	25
DSV180A2	208-230/3/60	2	@	23.2	164.0	3.00	8.5	5.00	13.8	74.50	90
DSV180A4	460/3/60	2	@	11.2	75.0	3.00	4.0	5.00	6.6	35.80	45
DSV180A5	575/3/60	2	@	7.9	54.0	3.00	3.1	5.00	5.2	26.08	30
DSV240A2	208-230/3/60	2	@	30.1	225.0	5.00	13.8	7.50	21.0	102.53	125
DSV240A4	460/3/60	2	@	16.7	114.0	5.00	6.6	7.50	9.6	53.78	70
DSV240A5	575/3/60	2	@	12.2	80.0	5.00	5.2	7.50	7.6	40.25	50

DSV ELECTRICAL DATA-OVERSIZED MOTOR

MODEL #	VOLTAGE	COMPRESSOR			EVAPORATOR FAN		CONDENSER FAN		MIN. CCT.	MAX FUSE /	
		QTY	RLA	LRA	HP	FLA	HP	FLA	AMPACITY	CCT. BKR. AMP	
DSV096A2	208-230/3/60	2	@	15.3	83.0	1.50	4.6	2.00	6.0	44.94	60
DSV096A4	460/3/60	2	@	6.2	41.0	1.50	2.1	2.00	2.8	18.79	20
DSV096A5	575/3/60	2	@	4.8	33.0	1.50	1.7	2.00	2.1	14.60	15
DSV120A2	208-230/3/60	2	@	16.0	110.0	2.00	6.0	3.00	8.5	50.45	60
DSV120A4	460/3/60	2	@	7.8	52.0	2.00	2.8	3.00	4.0	24.30	30
DSV120A5	575/3/60	2	@	5.7	38.9	2.00	2.1	3.00	3.1	18.03	20
DSV144A2	208-230/3/60	2	@	19.0	123.0	3.00	8.5	3.00	8.5	59.75	70
DSV144A4	460/3/60	2	@	9.7	62.0	3.00	4.0	3.00	4.0	29.83	35
DSV144A5	575/3/60	2	@	7.4	50.0	3.00	3.1	3.00	3.1	22.85	30
DSV180A2	208-230/3/60	2	@	23.2	164.0	5.00	13.8	5.00	13.8	79.80	100
DSV180A4	460/3/60	2	@	11.2	75.0	5.00	6.6	5.00	6.6	38.40	45
DSV180A5	575/3/60	2	@	7.9	54.0	5.00	5.2	5.00	5.2	28.18	35
DSV240A2	208-230/3/60	2	@	30.1	225.0	7.50	21.0	7.50	21.0	109.73	125
DSV240A4	460/3/60	2	@	16.7	114.0	7.50	9.6	7.50	9.6	56.78	70
DSV240A5	575/3/60	2	@	12.2	80.0	7.50	7.6	7.50	7.6	42.65	50

DSV FAN PERFORMANCE DATA

EVAPORATOR FAN PERFORMANCE

MODEL #	SUPPLY CFM	EXTERNAL STATIC PRESSURE - Inches W.C.																			
		0.2		0.4		0.6		0.8		1.0		1.2		1.4		1.6		1.8		2.0	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
DSV036A	1000	605	0.11	732	0.16	839	0.19	941	0.26	1051	0.31	-	-	-	-	-	-	-	-	-	-
	1200	675	0.17	788	0.23	890	0.29	988	0.34	-	-	-	-	-	-	-	-	-	-	-	-
	1400	749	0.26	849	0.32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DSV480A	1450	735	0.24	845	0.30	950	0.38	1037	0.45	1134	0.52	-	-	-	-	-	-	-	-	-	-
	1600	788	0.31	889	0.38	987	0.46	1076	0.55	-	-	-	-	-	-	-	-	-	-	-	-
	1800	870	0.43	962	0.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DSV060A	1800	860	0.41	945	0.50	1039	0.58	1130	0.67	1208	0.76	1280	0.83	1359	0.85	1435	0.96	-	-	-	-
	2000	926	0.55	1010	0.63	1098	0.72	1178	0.81	1250	0.90	1325	0.99	-	-	-	-	-	-	-	-
	2200	1007	0.72	1085	0.80	1160	0.90	1230	0.99	-	-	-	-	-	-	-	-	-	-	-	-
DSV096A	3000	486	0.45	563	0.57	632	0.70	697	0.83	757	0.97	817	1.14	872	1.30	926	1.44	-	-	-	-
	3200	508	0.53	581	0.66	648	0.79	710	0.93	768	1.09	827	1.25	876	1.39	-	-	-	-	-	-
	3400	530	0.62	601	0.75	665	0.89	725	1.04	783	1.20	837	1.38	884	1.50	-	-	-	-	-	-
DSV120A	3600	552	0.72	620	0.86	683	1.01	740	1.16	796	1.32	845	1.46	900	1.65	947	1.83	993	1.97	1052	2.09
	4000	598	0.95	662	1.11	720	1.26	774	1.43	826	1.60	876	1.78	924	1.96	970	2.08	-	-	-	-
	4400	645	1.22	704	1.39	759	1.57	810	1.75	859	1.93	-	-	-	-	-	-	-	-	-	-
DSV144A	4300	540	0.74	613	0.92	679	1.10	740	1.28	802	1.48	858	1.73	910	1.98	963	2.23	1110	2.56	1058	2.78
	4800	588	0.99	655	1.18	717	1.39	775	1.58	825	1.80	880	2.03	930	2.26	978	2.50	1025	2.76	1077	3.00
	5300	639	1.29	701	1.51	759	1.73	813	1.96	868	2.22	912	2.44	964	2.67	1005	2.93	1050	3.16	-	-
DSV180A	5400	646	1.35	708	1.57	765	1.80	819	2.03	872	2.29	915	2.55	964	2.82	1014	3.05	1165	3.30	1110	3.60
	6000	715	1.84	771	2.09	824	2.34	874	2.59	921	2.84	965	3.10	1012	3.38	1051	3.65	1095	3.94	1136	4.24
	6600	781	2.42	832	2.69	881	2.96	928	3.24	973	3.52	1015	3.79	1057	4.08	1096	4.38	1130	4.70	1175	5.04
DSV240A	7200	683	2.01	741	2.32	796	2.64	845	2.90	901	3.36	942	3.60	995	4.02	1040	4.41	1083	4.80	1128	5.20
	8000	745	2.68	798	3.01	848	3.35	898	3.72	945	4.07	990	4.50	1038	4.89	1081	5.28	1123	5.67	1167	6.09
	8800	808	3.48	857	3.85	903	4.21	949	4.60	994	5.01	1033	5.46	1081	5.86	1122	6.29	1161	6.80	1202	7.23

NOTE:

1. At high evaporator air flows, and wet bulb conditions, condensate carry-over may occur. Adjust airflow downward as necessary.
2. Values include pressure drop from wet coil and clean filters.
3. Shaded cells indicate oversized motors.

CONDENSER FAN PERFORMANCE

MODEL #	OUTDOOR CFM	EXTERNAL STATIC PRESSURE - Inches W.C.													
		0.2		0.4		0.6		0.8		1.0		1.2		1.4	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
DSV036A	2200	622	0.39	720	0.50	802	0.60	961	0.69	953	0.79	-	-	-	-
DSV048A	2600	719	0.61	800	0.71	870	0.85	940	0.98	-	-	-	-	-	-
DSV060A	3000	886	0.87	838	0.99	920	1.12	1002	1.29	1055	1.47	-	-	-	-
DSV096A	4400	616	1.02	681	1.21	739	1.47	800	1.63	854	1.86	911	2.09	-	-
DSV120A	5500	730	1.83	785	2.07	837	2.30	888	2.55	938	2.83	982	3.00	-	-
DSV144A	5800	576	1.61	627	1.85	676	2.10	720	2.38	764	2.67	811	2.97	-	-
DSV180A	7000	673	2.68	717	2.97	759	3.27	800	3.57	840	3.88	881	4.12	-	-
DSV240A	10000	654	3.59	698	3.98	740	4.37	780	4.77	819	5.17	857	5.59	893	5.99



CITY OF PORTLAND, MAINE

Department of Building Inspections

038 Form 5

038
Form 5

Original Receipt

038 FO

January 20 2012

Received from Johnson, Jordan

Location of Work 261 Commercial St

Cost of Construction \$ 78,336 Building Fee: _____

Permit Fee \$ _____ Site Fee: _____

79,000 750.
30.00 Certificate of Occupancy Fee: _____

810.00 Total: 810.00

Building (IL) Plumbing (I5) _____ Electrical (I2) _____ Site Plan (U2) _____

Other HVAC

CBL: _____

Check #: 19770 Total Collected \$ 810.00

**No work is to be started until permit issued.
Please keep original receipt for your records.**

Taken by: (Signature)

WHITE - Applicant's Copy
YELLOW - Office Copy
PINK - Permit Copy