BRIGGS EQUIPMENT SALES, INC.

16 NorthBrook Drive / PO Box 1375
Gray, ME 04039
207-657-7123 www.briggsac.com

SUBMITTAL DATA

Project:	**The Park Danforth**
Mechanical Engineer:	**Allied Engineering**
Mechanical Contractor:	**Titan Mechanical**
Date:	**November 30, 2015**
Product:	**Packaged Rooftop Units**
Specification Section:	**23 74 13**
Revision:	**0**

Tag	Qty	Model / Description	Manufacturer
RTU-1	1	DPS-006 / Rebel Rooftop Unit	Daikin Applied
MUA-1	1	DPS-003 / Rebel Rooftop Unit	Daikin Applied

Note: Curbs are non-standard and will be submitted under a separate cover

Prepared by:
Ann Marie Juliano
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207-657-7123 ext. 202

DAIKIN APPLIED
An Authorized Representative for Northern New England

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Technical Data Sheet for RTU-1

Job Information	*Technical Data Sheet*
Job Name	The Park Danforth
Date	11/30/2015
Submitted By	Briggs Equipment Sales, Inc.
Software Version	04.00
Unit Tag	RTU-1

Unit Overview

Model Number	Voltage V/Hz/Phase	Design Cooling Capacity Btu/hr	AHRI360 Standard Efficiency		ASHRAE 90.1
			EER	IEER	
DPS006A	208/60/3	70545	11.3	19.3	ASHRAE 90.1-2013 compliant

Unit

Model Number:	DPS006A
Model Type:	Cooling
Heat Type:	Gas
Hot Gas Reheat:	Modulating Hot Gas Reheat
Application:	Variable Air Volume, Single Zone
Outside Air:	0-100% Economizer with Comparative Enthalpy Control
Altitude:	0 ft
Approval	cETLus

Physical

Dimensions and Weight

Length	Height	Width	Weight
67.0 in	40.8 in	87.0 in	1464 lb

Corner Weights

L1	L2	L3	L4
266 lb	263 lb	465 lb	470 lb

Construction

Exterior	Insulation and Liners	Air Opening Location	
		Return	Supply
Painted Galvanized Steel	1" Injected Foam, R-7, Galvanized Steel Liner	Bottom	Bottom

Electrical

MCA	MROPD	SCCR
31.0 A	45 A	5 kAIC

Return/Outside/Exhaust Air

Outside Air Option

Type	Damper Pressure Drop	Exhaust Air Type
0-100% Econ with Comparative Enthalpy Control	0.09 inH_2O	Barometric Relief

Technical Data Sheet for RTU-1

Filter Section (1 Spare Set of Filters Provided - 2 Sets Total)

Physical				
Type	**Quantity / Size**	**Face Area**	**Face Velocity**	**Air Pressure Drop**
Combo 2"/4" rack with 2" MERV 8	4 / 16 in x 16 in x 2 in	7.1 ft²	380.3 ft/min	0.22

DX Cooling Coil

Physical						
Coil Type	**Fins per Inch**	**Rows**	**Face Area**	**Face Velocity**	**Air Pressure drop**	**Drain Pan Material**
Cu Tube/ Al Fin	16	4	6.0 ft²	447.0 ft/min	0.62 inH_2O	Stainless Steel

Cooling Performance							
Capacity		**Refrigerant Type**	**Indoor Air Temperature**				**Ambient Air Temperature** °F
			Entering		**Leaving**		
Total Btu/hr	**Sensible** Btu/hr		**Dry Bulb** °F	**Wet Bulb** °F	**Dry Bulb** °F	**Wet Bulb** °F	
70545	70545	R410A	78.0	62.0	54.1	52.9	95.0

Hot Gas Reheat Coil Section

Type	**Face Area**	**Air Pressure Drop**	**Total Capacity**	**Leaving Air Temperature**	
				Dry Bulb	**Wet Bulb**
Aluminum Tube Micro-Channel	5.5 ft²	0.14 inH_2O	46561 Btu/hr	70.0 °F	58.9 °F

Fan Section

Fan		
Type	**Fan Wheel Diameter**	**Fan Isolation**
SWSI AF	16 in	None

Performance				
Airflow	**Total Static Pressure**	**Fan Speed**	**Brake Horsepower**	**Altitude**
2700 CFM	2.4 inH_2O	2095 rpm	1.74 HP	0 ft

Motor				Drive
Type	**Horsepower**	**Efficiency**	**FLA**	**Type**
ECM Motor	4.0	Premium	8.8 A	Direct Drive

Gas Heat Section

Physical	Performance						
Size (Input)	**Capacity** Btu/hr	**Air Temperature Dry Bulb**		**Air Pressure Drop** inH_2O	**Gas Pressure**		**Modulation**
		Entering °F	**Leaving** °F		**Minimum** inH_2O	**Maximum** inH_2O	
160 MBH	128000	60.0	103.7	0.60	7	14	Modulating 5:1 Turndown

Heat Exchanger Material: Stainless Steel

Technical Data Sheet for RTU-1

Condensing Section

Compressor

Type	Quantity	Total Power	Capacity Control	Compressor Isolation
Inverter Scroll	1	4.5 kW	Mod Control with Inverter Compressors	Rubber in Shear

Compressor Amps:

Compressor 1	15.0 A

Compressor Options:	Suction and Discharge Isolation Valves

Condenser Coil

Type	Fins per Inch	Fin Material
Copper Tube	16	Aluminum

Condenser Fan Motors

Number of Motors	Full Load Current
1	2.0 A

AHRI 360 Certified Data at AHRI 360 Standard Conditions

Net Capacity	EER	IEER	ASHRAE 90.1
70000 Btu/hr	11.3	19.3	ASHRAE 90.1-2013 compliant

Internal Pressure Drop Calculation

External Static Pressure:	0.75 inH_2O
Filter:	0.22 inH_2O
Outside Air:	0.09 inH_2O
DX Coil:	0.62 inH_2O
Hot Gas Reheat:	0.14 inH_2O
Gas Heat:	0.60 inH_2O
Total Static Pressure:	2.41 inH_2O

Sound

Sound Power (db)

Frequency	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	77	75	83	78	80	74	69	63
Discharge	77	78	86	83	86	80	77	71
Radiated	82	82	78	75	73	68	61	54

Options

Unit

Ventilation Controls:	CO2 Sensor - Duct Mounted

Electrical

Field Connection:	Non-Fused Disconnect Switch
Powered Receptacle:	Field powered 115V GFI outlet

Controls

Communication Card:	BACnet/MSTP card, Factory installed

Warranty

Standard:	One Year Entire Unit Parts Only Warranty
Compressor:	Additional Four Year, Five Year Total Compressor Parts Only Warranty
Gas Heat Exchanger:	Extended Nine Year, Ten Year Total Gas Heat Exchanger Parts Only Warranty

Technical Data Sheet for RTU-1

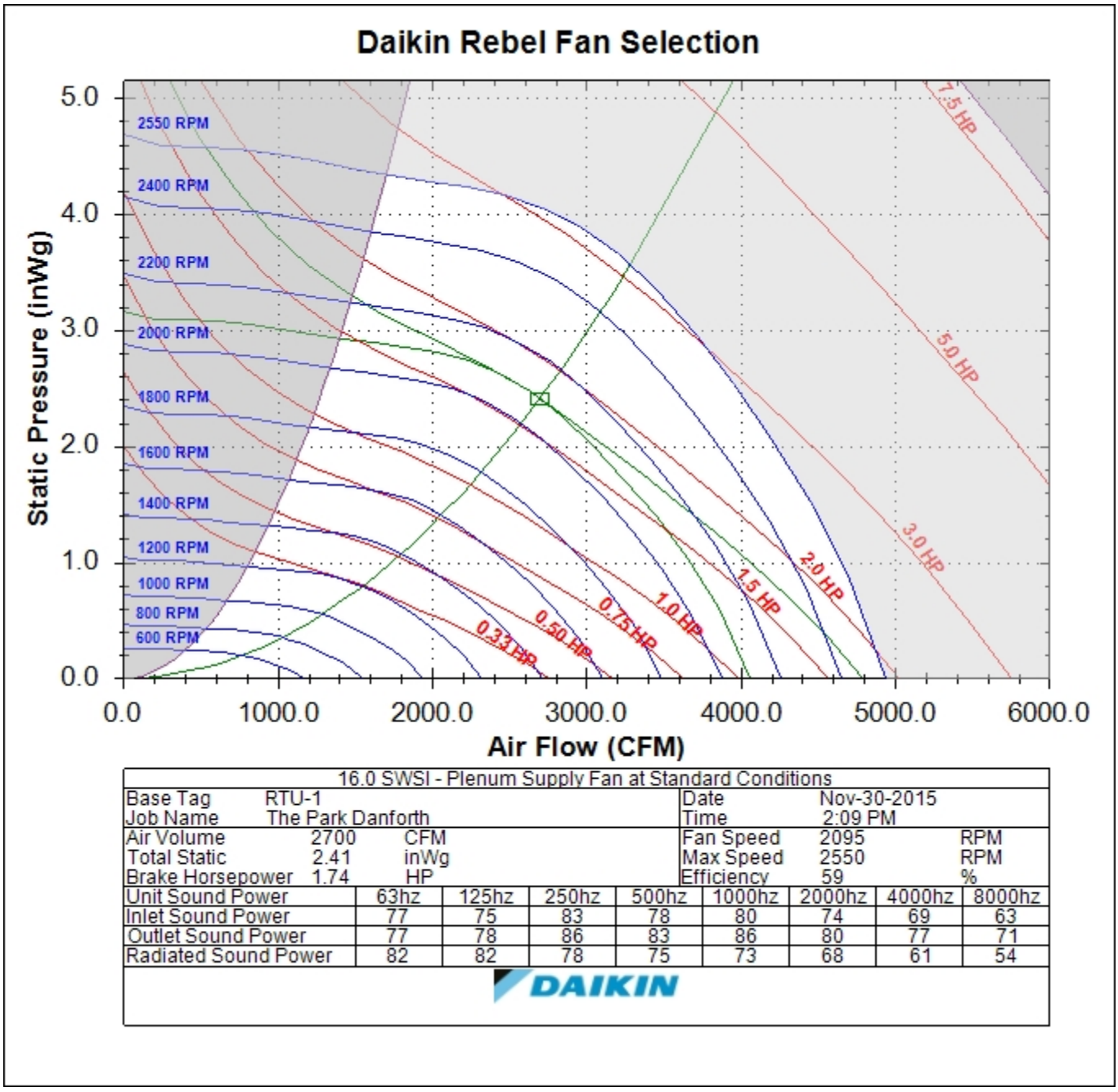
AHRI Certification

All equipment is rated and certified in accordance with AHRI 360.

Accessories

Mandatory	
Part Number	**Description**
910111672	CO2, Telaire, Duct Sensor
Optional	
Part Number	**Description**
910143408	DDC Space Sensor with Setpoint Adj and Tenant Over

Fan Curve - Supply for RTU-1



16.0 SWSI - Plenum Supply Fan at Standard Conditions

Base Tag	RTU-1		Date	Nov-30-2015			
Job Name	The Park Danforth		Time	2:09 PM			
Air Volume	2700	CFM	Fan Speed	2095	RPM		
Total Static	2.41	inWg	Max Speed	2550	RPM		
Brake Horsepower	1.74	HP	Efficiency	59	%		

Unit Sound Power	63hz	125hz	250hz	500hz	1000hz	2000hz	4000hz	8000hz
Inlet Sound Power	77	75	83	78	80	74	69	63
Outlet Sound Power	77	78	86	83	86	80	77	71
Radiated Sound Power	82	82	78	75	73	68	61	54

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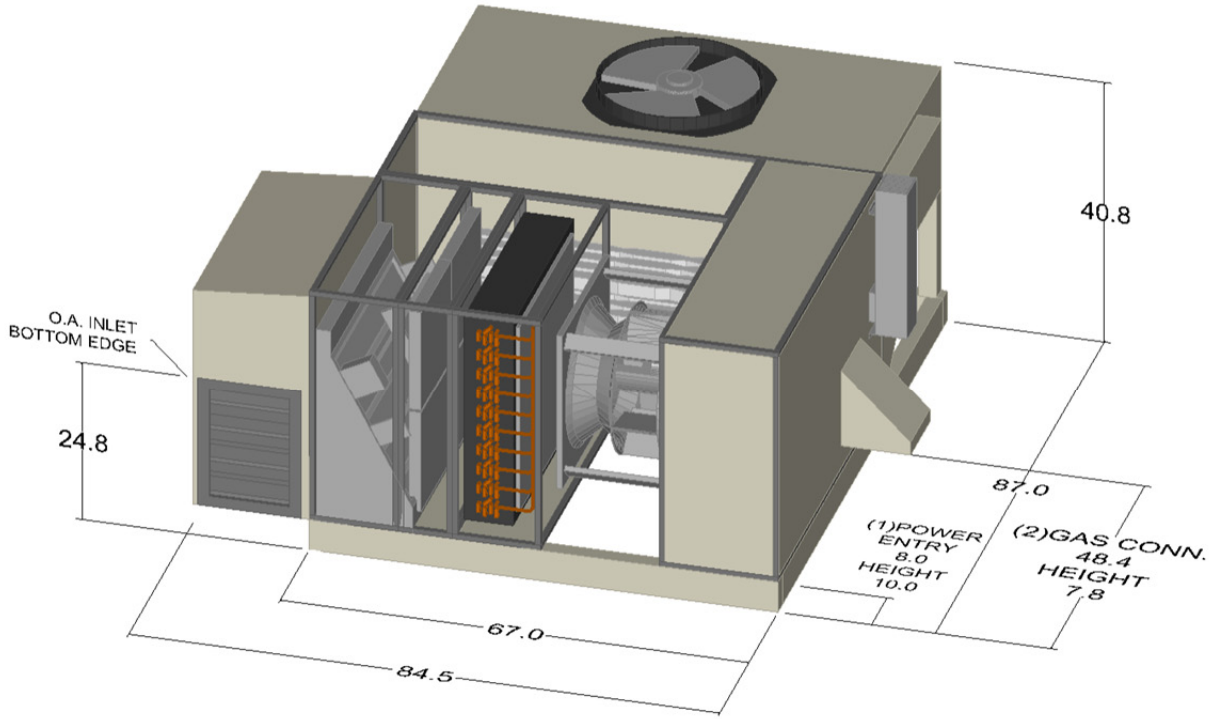
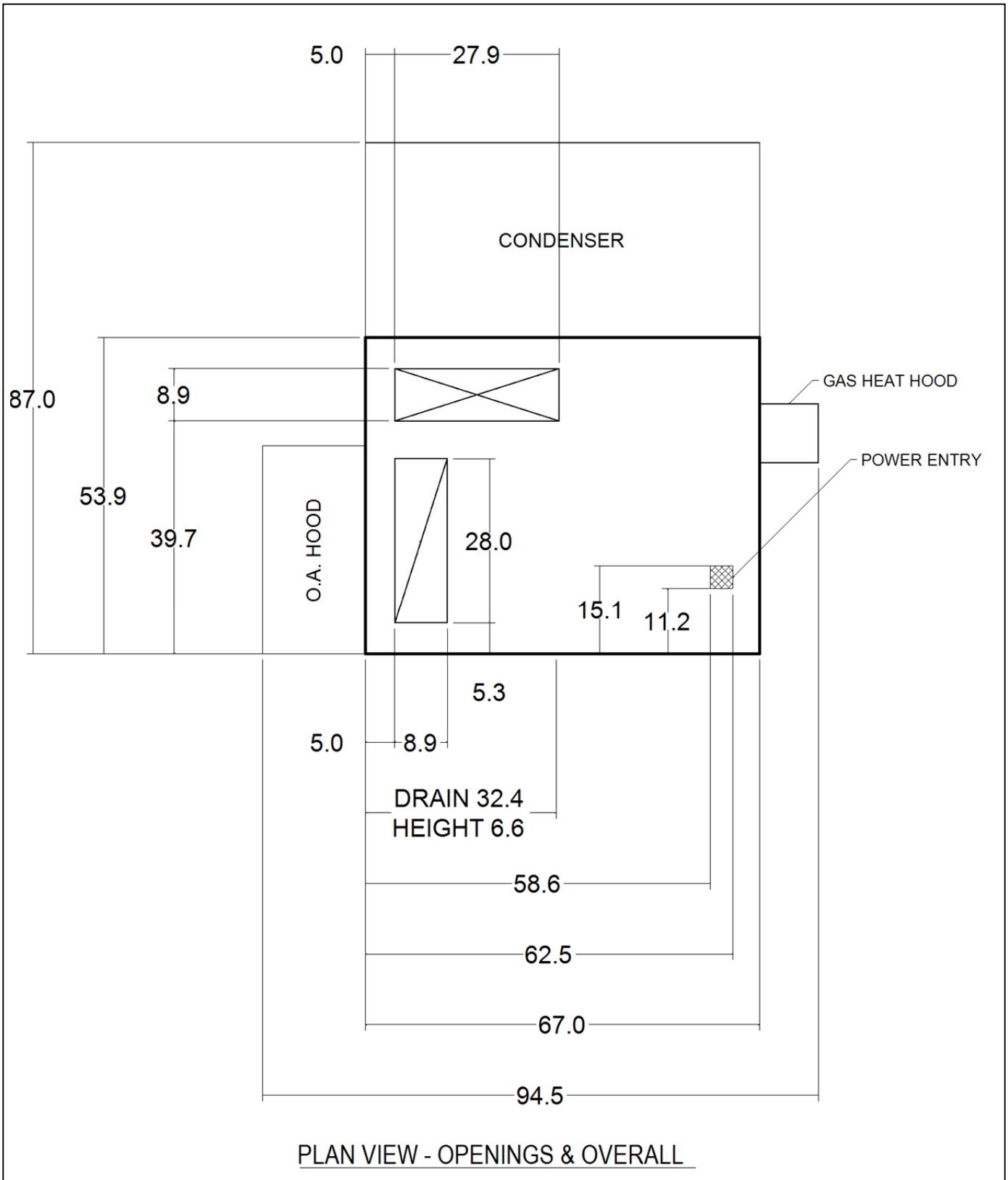


Notes:
(1) Recommended location for optional field cut side power connection.
(2) Horizontal gas connection only. Gas pipe routing within the roofcurb is not available.

Product Drawing	Unit Tag: RTU-1			Sales Office: Briggs Equipment Sales			DAIKIN
Product: Packaged Rooftop Unit	Project Name: The Park Danforth			Sales Engineer: Ann Marie Juliano			13600 Industrial Park Blvd. Minneapolis, MN 55441
Model: DPS006A	Nov. 30, 2015	Ver/Rev:	Sheet: 1 of 1	Scale: NTS	Tolerance: +/- 0.25"	Dwg Units: in [mm]	www.DaikinApplied.com Software Version: 04.00

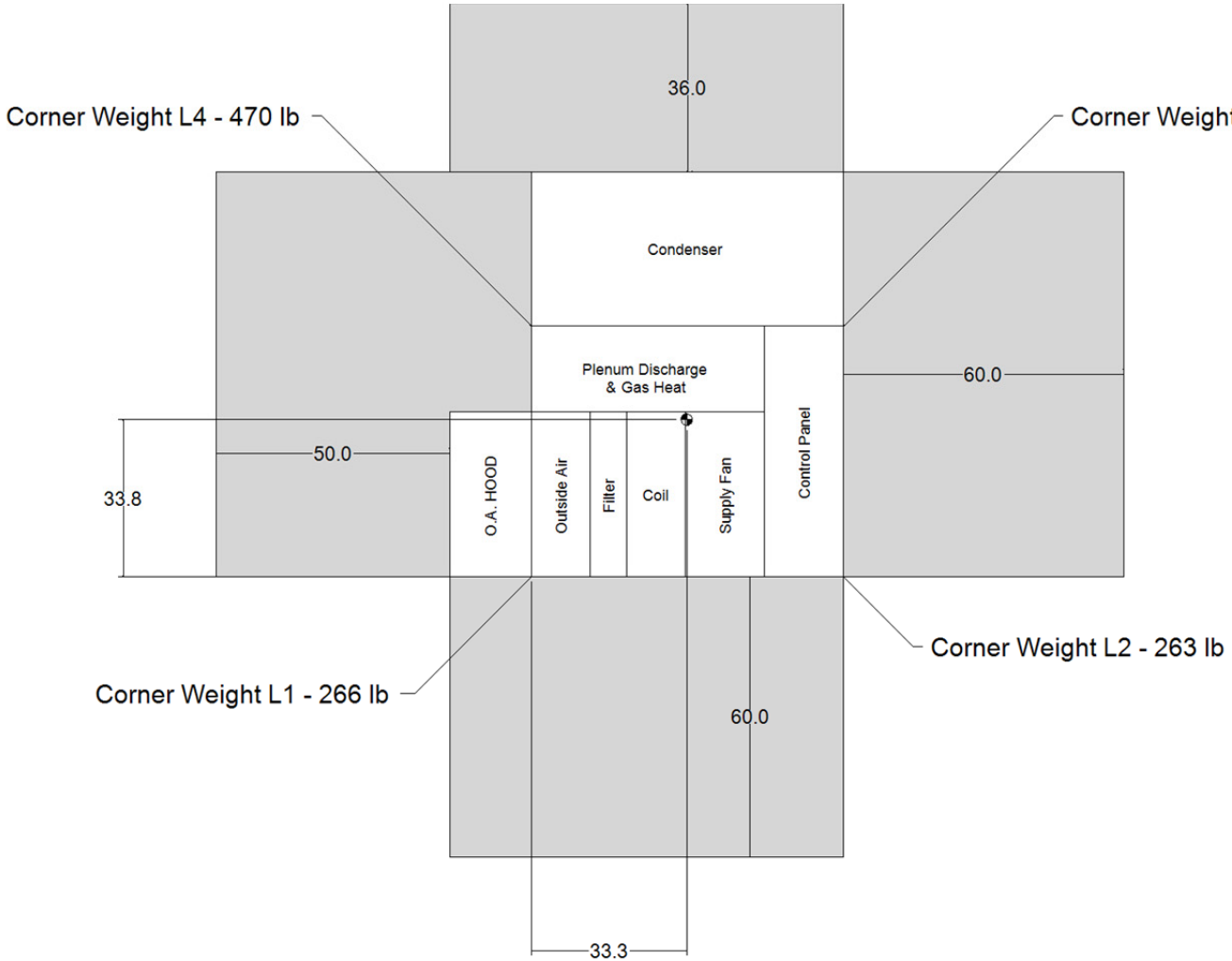
Drawings(2) for RTU-1



PLAN VIEW - OPENINGS & OVERALL

Product Drawing	Unit Tag: RTU-1			DAIKIN		
Product: Packaged Rooftop Unit	Project Name: The Park Danforth			13600 Industrial Park Blvd. Minneapolis, MN 55441		
Model: DPS006A	Sales Office: Briggs Equipment Sales			www.DaikinApplied.com Software Version: 04.00		
Sales Engineer: Ann Marie Juliano	Nov. 30, 2015	Ver/Rev:	Sheet 1 of 1	Scale: NTS	Tolerance: +/-0.25"	Dwg Units: in [mm]

No change to this drawing may be made unless approved in writing by Daikin Applied. Purchaser must determine that the equipment is fit and sufficient for the job specifications.



PLAN VIEW - CG, CORNER WEIGHTS, SERVICE CLEARANCE

Notes:
(1) Center of Gravity Height = 20.5
(2) Total Weight = 1464 lb

Product Drawing	Unit Tag: RTU-1			Sales Office: Briggs Equipment Sales			DAIKIN
Product: Packaged Rooftop Unit	Project Name: The Park Danforth			Sales Engineer: Ann Marie Juliano			13600 Industrial Park Blvd. Minneapolis, MN 55441
Model: DPS006A	Nov. 30, 2015	Ver/Rev:	Sheet: 1 of 1	Scale: NTS	Tolerance: +/- 0.25"	Dwg Units: in [mm]	www.DaikinApplied.com Software Version: 04.00

Technical Data Sheet for MUA-1

Job Information	*Technical Data Sheet*
Job Name	The Park Danforth
Date	11/30/2015
Submitted By	Briggs Equipment Sales, Inc.
Software Version	04.00
Unit Tag	MUA-1

Unit Overview

Model Number	Voltage V/Hz/Phase	Design Cooling Capacity Btu/hr	AHRI 210 Standard Efficiency		ASHRAE 90.1
			EER	SEER	
DPS003A	208/60/3	35577	13.2	16.5	ASHRAE 90.1-2013 compliant

Unit

Model Number:	DPS003A
Model Type:	Cooling
Heat Type:	Gas
Hot Gas Reheat:	Modulating Hot Gas Reheat
Application:	Variable Air Volume, Single Zone
Outside Air:	100% Outside Air
Altitude:	0 ft
Approval	cETLus

Physical

Dimensions and Weight

Length	Height	Width	Weight
67.0 in	40.8 in	87.0 in	1287 lb

Corner Weights

L1	L2	L3	L4
199 lb	223 lb	457 lb	408 lb

Construction

Exterior	Insulation and Liners	Air Opening Location	
		Return	Supply
Painted Galvanized Steel	1" Injected Foam, R-7, Galvanized Steel Liner	None	Horizontal

Electrical

MCA	MROPD	SCCR
15.0 A	20 A	5 kAIC

Return/Outside/Exhaust Air

Outside Air Option

Type	Damper Pressure Drop	Exhaust Air Type
100% OA Hood	0.08 inH_2O	None

Filter Section (1 Spare Set of Filters Provided - 2 Sets Total)

Physical

Type	Quantity / Size	Face Area	Face Velocity	Air Pressure Drop
Combo 2"/4" rack with 2" MERV 8	4 / 16 in x 16 in x 2 in	7.1 ft^2	194.4 ft/min	0.06

Technical Data Sheet for MUA-1

DX Cooling Coil

Physical

Coil Type	Fins per Inch	Rows	Face Area	Face Velocity	Air Pressure drop	Drain Pan Material
Cu Tube/ Al Fin	16	3	4.8 ft^2	285.7 ft/min	0.20 inH_2O	Stainless Steel

Cooling Performance

Capacity		Refrigerant Type	Indoor Air Temperature				Ambient Air Temperature °F
			Entering		Leaving		
Total Btu/hr	Sensible Btu/hr		Dry Bulb °F	Wet Bulb °F	Dry Bulb °F	Wet Bulb °F	
35577	35577	R410A	78.0	62.0	54.4	53.0	95.0

Hot Gas Reheat Coil Section

Type	Face Area	Air Pressure Drop	Total Capacity	Leaving Air Temperature	
				Dry Bulb	Wet Bulb
Aluminum Tube Micro-Channel	4.5 ft^2	0.10 inH_2O	23323 Btu/hr	70.0 °F	58.9 °F

Fan Section

Fan

Type	Fan Wheel Diameter	Fan Isolation
SWSI AF	12 in	None

Performance

Airflow	Total Static Pressure	Fan Speed	Brake Horsepower	Altitude
1380 CFM	1.4 inH_2O	2062 rpm	0.52 HP	0 ft

Motor				Drive
Type	Horsepower	Efficiency	FLA	Type
ECM Motor	1.3	Premium	3.1 A	Direct Drive

Gas Heat Section

Physical	Performance						
Size (Input)	Capacity Btu/hr	Air Temperature Dry Bulb		Air Pressure Drop inH_2O	Gas Pressure		Modulation
		Entering °F	Leaving °F		Minimum inH_2O	Maximum inH_2O	
160 MBH	128000	-10.0	75.5	0.16	7	14	Modulating 5:1 Turndown

Heat Exchanger Material: Stainless Steel

Technical Data Sheet for MUA-1

Condensing Section

Compressor

Type	Quantity	Total Power	Capacity Control	Compressor Isolation
Inverter Scroll	1	2.0 kW	Mod Control with Inverter Compressors	Rubber in Shear

Compressor Amps:

Compressor 1	7.7 A

Compressor Options:	Suction and Discharge Isolation Valves

Condenser Coil

Type	Fins per Inch	Fin Material
Copper Tube	16	Aluminum

Condenser Fan Motors

Number of Motors	Full Load Current
1	0.9 A

AHRI 210 Certified Data at AHRI 210 Standard Conditions

Net Capacity	EER	SEER	ASHRAE 90.1
35500 Btu/hr	13.2	16.5	ASHRAE 90.1-2013 compliant

Internal Pressure Drop Calculation

External Static Pressure:	0.85 inH_2O
Filter:	0.06 inH_2O
Outside Air:	0.08 inH_2O
DX Coil:	0.20 inH_2O
Hot Gas Reheat:	0.10 inH_2O
Gas Heat:	0.16 inH_2O
Total Static Pressure:	1.44 inH_2O

Sound

Sound Power (db)

Frequency	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz
Inlet	60	58	64	62	65	64	60	55
Discharge	60	61	67	67	71	70	68	63
Radiated	82	82	78	75	73	68	61	54

Options

Unit

Ventilation Controls:	CO2 Sensor - Duct Mounted

Electrical

Field Connection:	Non-Fused Disconnect Switch
Powered Receptacle:	Field powered 115V GFI outlet

Controls

Communication Card:	BACnet/MSTP card, Factory installed

Warranty

Standard:	One Year Entire Unit Parts Only Warranty
Compressor:	Additional Four Year, Five Year Total Compressor Parts Only Warranty
Gas Heat Exchanger:	Extended Nine Year, Ten Year Total Gas Heat Exchanger Parts Only Warranty

Technical Data Sheet for MUA-1

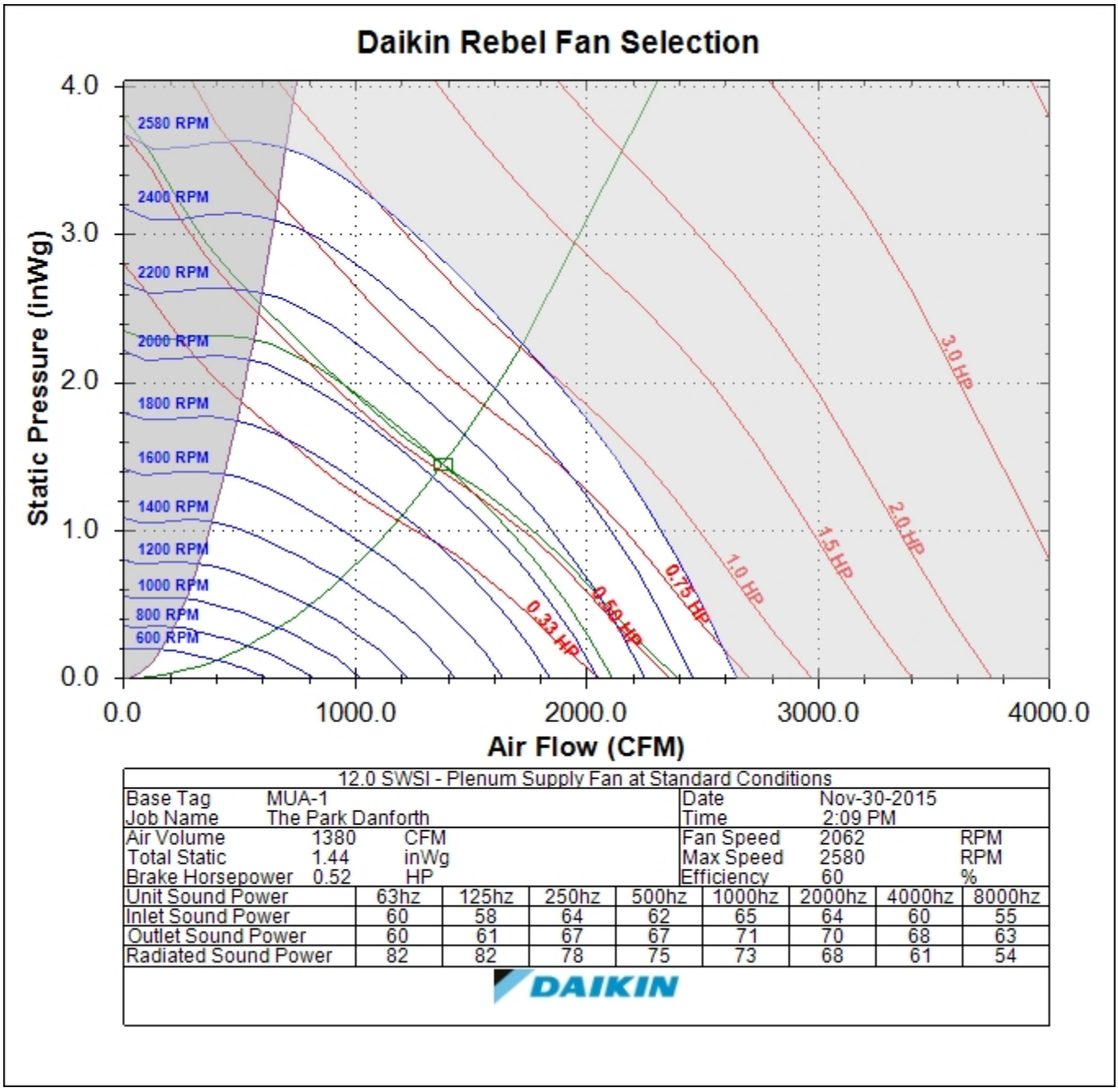
AHRI Certification

All equipment is rated and certified in accordance with AHRI 360.

Accessories

Mandatory	
Part Number	**Description**
910111672	CO2, Telaire, Duct Sensor
Optional	
Part Number	**Description**
910143408	DDC Space Sensor with Setpoint Adj and Tenant Over

Fan Curve - Supply for MUA-1



12.0 SWSI - Plenum Supply Fan at Standard Conditions

Base Tag	MUA-1		Date	Nov-30-2015				
Job Name	The Park Danforth		Time	2:09 PM				
Air Volume	1380	CFM	Fan Speed	2062	RPM			
Total Static	1.44	inWg	Max Speed	2580	RPM			
Brake Horsepower	0.52	HP	Efficiency	60	%			

Unit Sound Power	63hz	125hz	250hz	500hz	1000hz	2000hz	4000hz	8000hz
Inlet Sound Power	60	58	64	62	65	64	60	55
Outlet Sound Power	60	61	67	67	71	70	68	63
Radiated Sound Power	82	82	78	75	73	68	61	54

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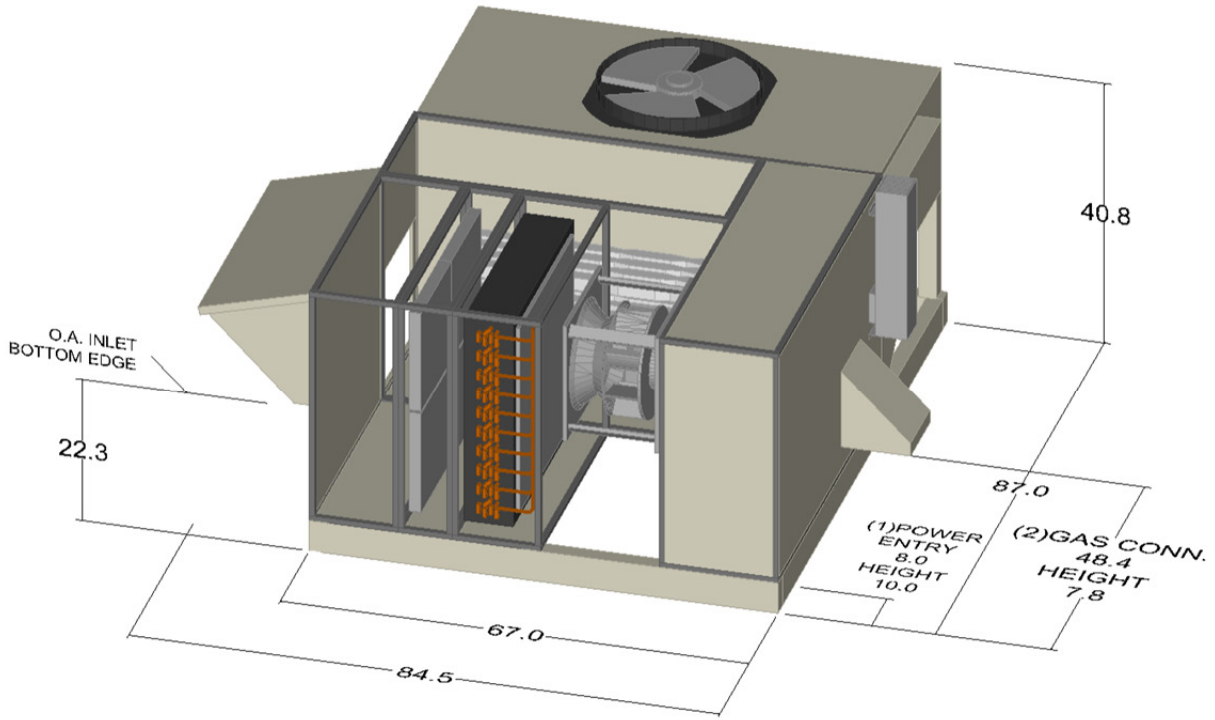
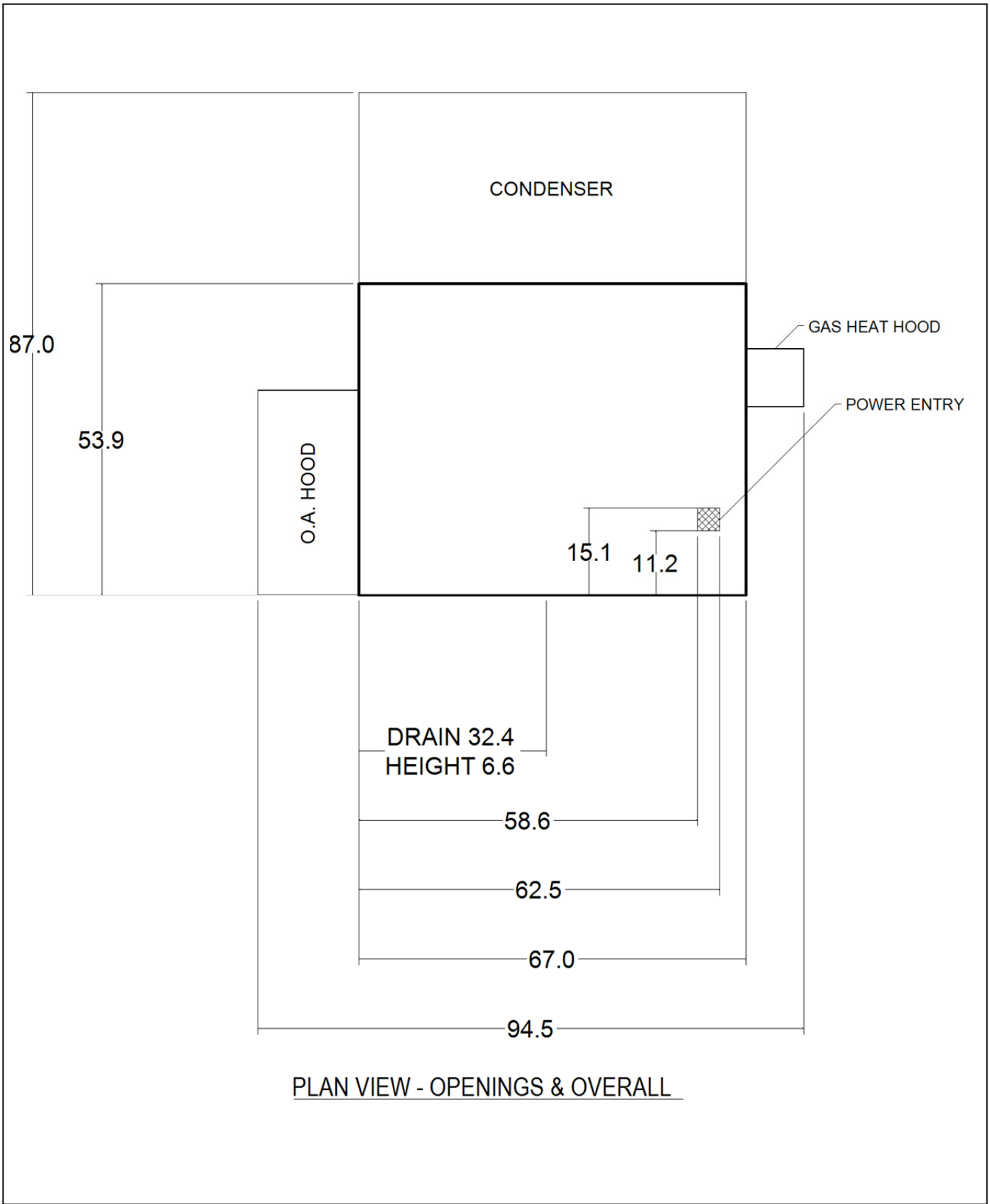


Notes:
(1) Recommended location for optional field cut side power connection.
(2) Horizontal gas connection only. Gas pipe routing within the roofcurb is not available.

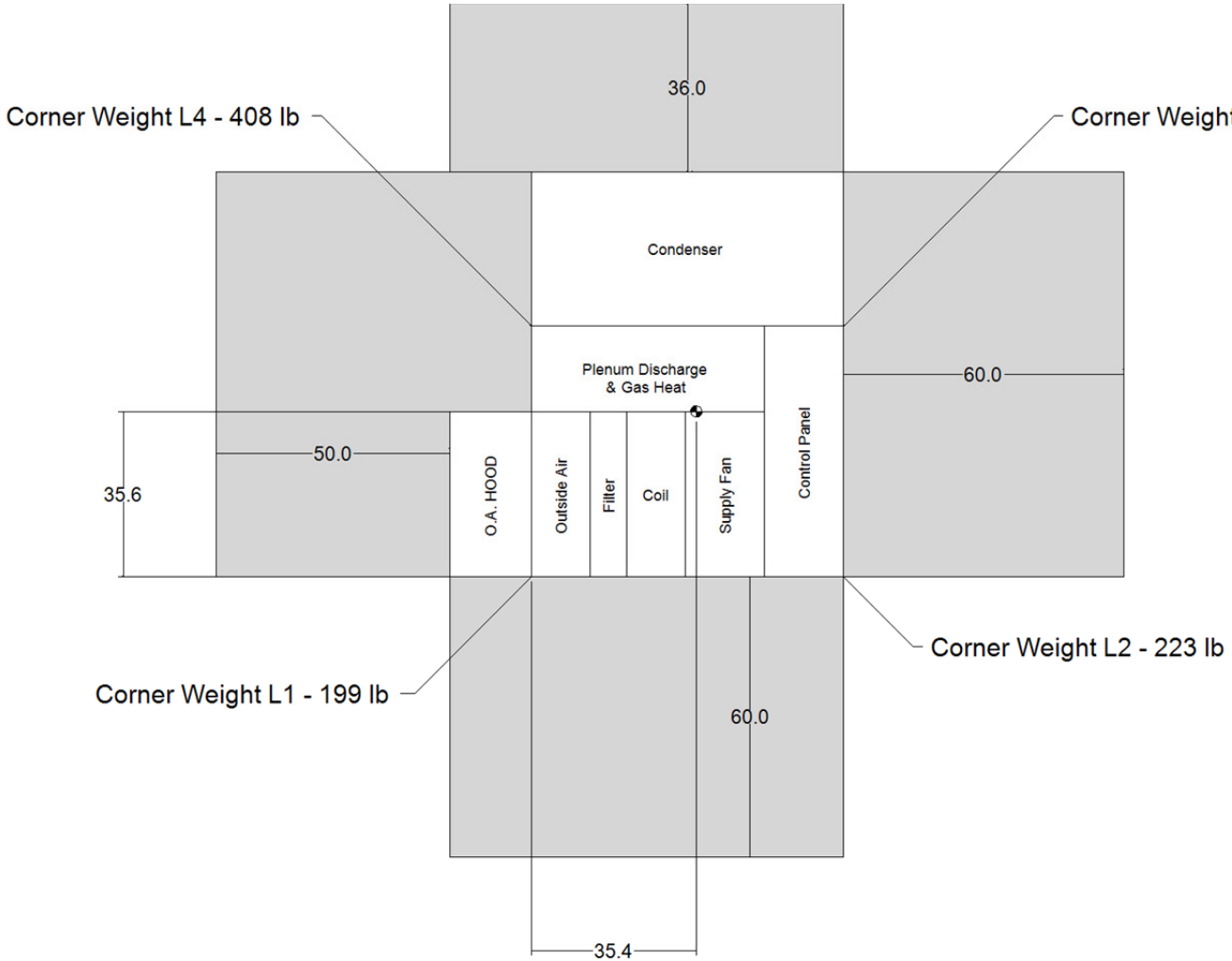
Product Drawing	Unit Tag: MUA-1			Sales Office: Briggs Equipment Sales			DAIKIN
Product: Packaged Rooftop Unit	Project Name: The Park Danforth			Sales Engineer: Ann Marie Juliano			13600 Industrial Park Blvd. Minneapolis, MN 55441
Model: DPS003A	Nov. 30, 2015	Ver/Rev:	Sheet: 1 of 1	Scale: NTS	Tolerance: +/- 0.25"	Dwg Units: in [mm]	www.DaikinApplied.com Software Version: 04.00

Drawings(2) for MUA-1



PLAN VIEW - OPENINGS & OVERALL

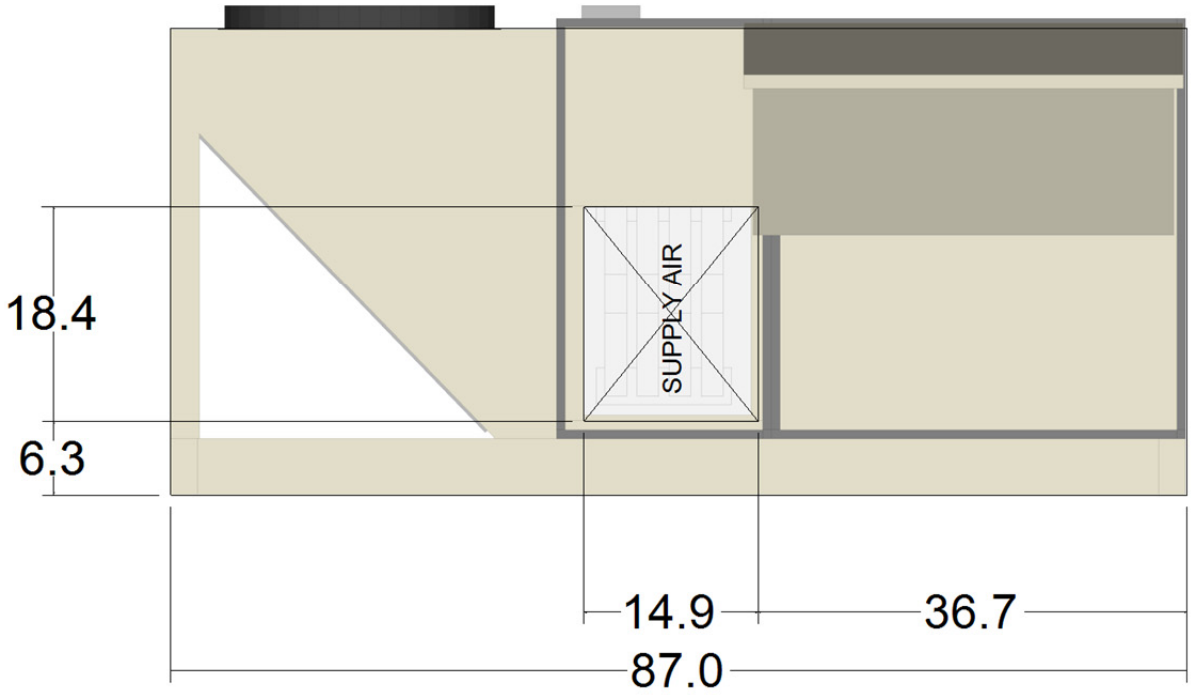
Product Drawing	Unit Tag: MUA-1			DAIKIN		
Product: Packaged Rooftop Unit	Project Name: The Park Danforth			13600 Industrial Park Blvd. Minneapolis, MN 55441		
Model: DPS003A	Sales Office: Briggs Equipment Sales			www.DaikinApplied.com Software Version: 04.00		
Sales Engineer: Ann Marie Juliano	Nov. 30, 2015	Ver/Rev:	Sheet 1 of 1	Scale: NTS	Tolerance: +/-0.25"	Dwg Units: in [mm]



PLAN VIEW - CG, CORNER WEIGHTS, SERVICE CLEARANCE

Notes:
(1) Center of Gravity Height = 20.4
(2) Total Weight = 1287 lb

Product Drawing	Unit Tag: MUA-1			Sales Office: Briggs Equipment Sales			DAIKIN
Product: Packaged Rooftop Unit	Project Name: The Park Danforth			Sales Engineer: Ann Marie Juliano			13600 Industrial Park Blvd. Minneapolis, MN 55441
Model: DPS003A	Nov. 30, 2015	Ver/Rev:	Sheet: 1 of 1	Scale: NTS	Tolerance: +/- 0.25"	Dwg Units: in [mm]	www.DaikinApplied.com Software Version: 04.00



PLAN VIEW - SIDE OPENING LOCATION

Product Drawing	Unit Tag: MUA-1			Sales Office: Briggs Equipment Sales			DAIKIN
Product: Packaged Rooftop Unit	Project Name: The Park Danforth			Sales Engineer: Ann Marie Juliano			13600 Industrial Park Blvd. Minneapolis, MN 55441
Model: DPS003A	Nov. 30, 2015	Ver/Rev:	Sheet: 1 of 1	Scale: NTS	Tolerance: +/- 0.25"	Dwg Units: in [mm]	www.DaikinApplied.com Software Version: 04.00

CO_2 Sensor

Introduction

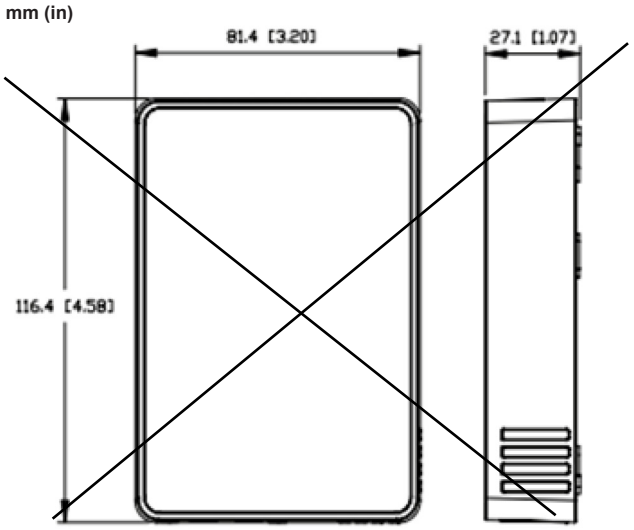
The CO_2 sensor will communicate a signal to the MicroTech® III unit controller for applications that require demand control ventilation damper positioning. This device allows the Microtech III unit controller to modulate the outdoor air damper to maintain a PPM CO_2 set point.

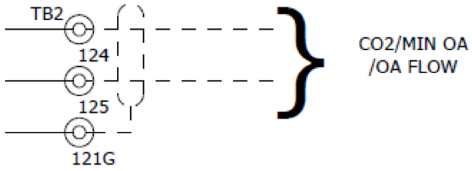
When the MicroTech III is performing Demand Control Ventilation (DCV) on a Constant Volume unit (CAV), the outside air damper modulates between the DCV limit and vent limit to maintain the CO_2 PPM set point.

When the MicroTech III is performing DCV on a Variable Air Volume (VAV) unit, the outside air damper modulates between the DCV limit and vent limit corresponding to the supply fan airflow to maintain the CO_2 PPM setpoint.

Specifications

Power Consumption	Typical 0.7 W at nominal voltage of 24V AC RMS
Temperature Dependence	0.2% FS per °C (±0.11% per °F)
Operating Conditions	32°F to 122°F (0°C to 50°C)
	0 to 95% RH, non-condensing
CO_2 Warmup Time	< 2 minutes (operational)
	10 minutes (maximum accuracy)
Signal Update	Every 5 seconds
Analog Output	0–10VDC
CO_2 Range	0–2000 ppm





Duct Mounted Sensor	P/N: 91011672					DAIKIN
Wall Mounted Sensor	P/N: 107287012					www.DaikinApplied.com

Zone Sensor with Set Point Adjustment and Tenant Override

Front Panel

The display is standard for all sensors. The functional keys on the display include the setpoint adjustment buttons and the tenant override button, as well as a numerical display to view changes.

Setpoint Buttons  **:**

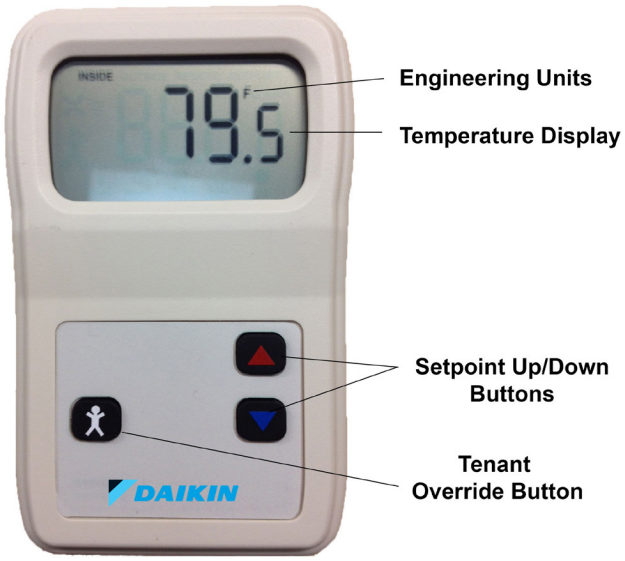
When pressed, the setpoint will display for three to four seconds. When pressed again, the setpoint will change in one degree increments. It will only change within the setpoint range that was ordered.

Tenant Override Button  **:**

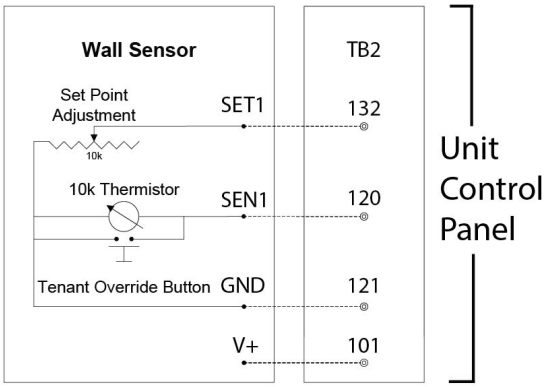
When the override button is pressed for 3-5 seconds the tenant override function will be initiated per the MicroTech III controller. The amount of time that the unit will come out of the unoccupied mode and operate in the tenant override mode is adjustable at the unit controller.

Numerical Display

The default display shows current temperature. When the up/down buttons are pushed, then the display will show and adjust the current setpoint and hold the display for 3 to 4 seconds. The unit can also be set up to display setpoint only or for setpoint lockout.



Wire Connections



Sensor Specs

Power:
15 to 28 VAC 924 VAC nominal)

Power Consumption:
.17 VA maximum AC

Wiring:
See Terminal section (page 3)

Display:

LCD - 3.5 digits @ 0.6 inch H

Temperature display units - 0.1° (F/C) increments

Setpoints in 0.5° steps

Button Options:

Setpoint Up/Down buttons

Tenant Override button

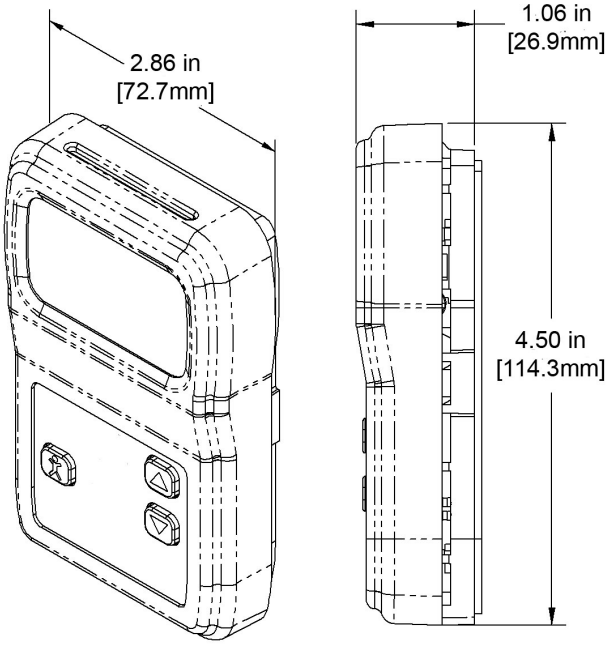
Environmantal Ambient:

Temperature - 32 to 122°F (0 to 50°C)

Humidity - 0 to 95% RH non-condensing

Material:

ABS plastic, UL94V-0



PerfectPleat® M8 - MERV 8

Product Information Standard Sizes

Nominal Sizes (Inches) (W x H x D)	Actual Sizes (Inches) (W x H x D)	Rated Airflow Capacity (SCFM) 300 FPM	500 FPM	625 FPM	Pleats Per Filter PerfectPleat M8 1"	PerfectPleat 1"	PerfectPleat M8 2"	PerfectPleat 2"
10 x 10 x 1	9½ x 9½ x ¾	200	**350**		11	11		
10 x 20 x 1	9½ x 19½ x ¾	400	**700**		11	11		
12 x 12 x 1	11½ x 11½ x ¾	300	**500**		14	14		
12 x 20 x 1	11½ x 19½ x ¾	500	**850**		14	14		
12 x 24 x 1	11⅜ x 23⅜ x ¾	600	**1000**		14	14		
14 x 20 x 1	13½ x 19½ x ¾	600	**1000**		16	16		
14 x 25 x 1	13½ x 24½ x ¾	750	**1200**		16	16		
15 x 20 x 1	14½ x 19½ x ¾	650	**1050**		17	17		
16 x 16 x 1	15½ x 15½ x ¾	550	**900**		19	19		
16 x 20 x 1	15½ x 19½ x ¾	650	**1100**		19	19		
16 x 25 x 1	15½ x 24½ x ¾	850	**1400**		19	19		
18 x 20 x 1	17½ x 19½ x ¾	750	**1250**		21	21		
18 x 24 x 1	17⅜ x 23⅜ x ¾	900	**1500**		21	21		
18 x 25 x 1	17½ x 24½ x ¾	950	**1550**		21	21		
20 x 20 x 1	19½ x 19½ x ¾	850	**1400**		24	24		
20 x 25 x 1	19½ x 24½ x ¾	1050	**1750**		24	24		
24 x 24 x 1	23⅜ x 23⅜ x ¾	1200	**2000**		29	29		
25 x 25 x 1	24½ x 24½ x ¾	1300	**2200**		30	30		
10 x 20 x 2	9½ x 19½ x 1¾	400	**700**	850			11	8
12 x 20 x 2	11½ x 19½ x 1¾	500	**850**	1050			14	10
12 x 24 x 2	11⅜ x 23⅜ x 1¾	600	**1000**	1250			14	10
14 x 25 x 2	13½ x 24½ x 1¾	750	**1200**	1500			16	11
15 x 20 x 2	14½ x 19½ x 1¾	650	**1050**	1300			17	12
15 x 25 x 2	14½ x 24½ x 1¾	800	**1300**	1650			17	12
16 x 16 x 2	15½ x 15½ x 1¾	550	**900**	1100			19	13
16 x 20 x 2	15½ x 19½ x 1¾	650	**1100**	1400			19	13
16 x 24 x 2	15⅜ x 23⅜ x 1¾	800	**1350**	1650			19	13
16 x 25 x 2	15½ x 24½ x 1¾	850	**1400**	1750			19	13
18 x 25 x 2	17½ x 24½ x 1¾	950	**1550**	1950			21	15
18 x 24 x 2	17⅜ x 23⅜ x 1¾	900	**1500**	1900			21	15
20 x 20 x 2	19½ x 19½ x 1¾	850	**1400**	1750			24	17
20 x 24 x 2	19⅜ x 23⅜ x 1¾	1000	**1650**	2100			24	17
20 x 25 x 2	19½ x 24½ x 1¾	1050	**1750**	2150			24	17
24 x 24 x 2	23⅜ x 23⅜ x 1¾	1200	**2000**	2500			29	20
25 x 25 x 2	24½ x 24½ x 1¾	1300	**2150**	2700			30	21

PerfectPleat and PerfectPleat M8 filters are classified UL Class 2. Testing was performed according to UL Standard 900 and CAN 4-S111.

Performance Data

Filter	Pleats Per Lineal Foot	Rated Initial Resistance (in. w.g.) 300 FPM	500 FPM	625 FPM	Recommended Final Resistance (in. w.g.)	ASHRAE 52.2 MERV	Continuous Operating Temperature Limits °F	°C
PerfectPleat M8 2"	15.0	.16	**.33**	.43	1.0	8	170°	77°
PerfectPleat 2"	10.0	.14	**.30**	.45	1.0	7	170°	77°
PerfectPleat M8 1"	15.0	.31	**.62**	----	1.0	8	170°	77°
PerfectPleat 1"	15.0	.20	**.48**	----	1.0	7	170º	77º

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AFP-1-200N SEP '08 VI 5M

AAF has a policy of continuous product research and improvement and reserves the right to change design and specifications without notice.

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