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**OUTDOOR AIR HANDLING UNIT SCHEDULE**

**1.1 Outdoor Air Handling Unit Schedule**

<b>MODEL NUMBER</b>	OAH040GVDM	<b>MAKE</b>	McQuay Skyline
<b>UNIT TAGGING</b>	AHU-2 Fan and Exhaust Air Sections		

Unit configuration	Inline horizontal		
Drive (handing) location	Right		
	<b>SUPPLY</b>	<b>RETURN / EXHAUST</b>	
Air volume	8.50		m <sup>3</sup> /s
Altitude	0		m
Turning loss	0		Pa
External static	217		Pa
Total static	235		Pa
External H x W	2134 x 2235 (Not including base rails)		mm

<b>CASING DETAILS</b>	
Outer panel	Painted standard G60 galv steel
Liner	Galvanized steel (Unless noted per section)
Insulation	R-13 Injected Foam (Unless noted per section)
Frame	2 ins
Base	8" formed channel
Sound baffles	None (unless noted per section)
Roof curb kit	None
Tread Plate floor liner	None (unless noted per section)

<b>FAN PLENUM SECTION(915 mm)</b>			
Drip pan	None	Drip side	-
Opening location	End upper	Inlet Opening size	1372x1372 mm
<b>DOOR DATA</b>			
Door location	Drive side	Window size	None
Door width	711 mm	Light	None
Door opening	Outward		

**OUTDOOR AIR HANDLING UNIT SCHEDULE**

<b>FAN SECTION (1423 mm)</b>					
Air volume	8.50	m <sup>3</sup> /s	Motor power	7.5	kW
External static pressure	217	Pa	Motor type	ODP	
Total static pressure	235	Pa	Frame size	215 T frame	
			Electrical supply	575/60/3	
Type	Plenum		Motor efficiency	Premium	
Blade type/Class	AirFoil / 2		Motor speed	1750	rpm
Fan wheel diameter	838	mm	Motor pole	4	
Absorbed power	5.45	kW	Full load current	10.2	A
Operating/Max speed	1047 / 1579	rpm	Lock rotor current	71.7	A
Discharge	Axial		Motor supplier	Generic	
Air modulation	None		Actual drive service fac.	1.30	
Drip pan	None		Bearing type	Standard - L50 (200K)	
Drip pan side	-		Outlet velocity	-	m/s
Wheel guard	None		Inlet screen	None	
Belt guard	None		Outlet screen	None	
Inspection port	None				
<b>DRIVES</b>					
Fan sheave	2TA90		Motor sheave	2AK56H	
Number of belts	2		Belt	A89	
<b>ANTI-VIBRATION MOUNTS / SPRINGS</b>					
Type	Spring				
Seismic restraint	None				
<b>DOOR DATA</b>					
Door location	Drive side		Window size	None	
Door width	762	mm	Light	Marine light kit and switch only	
Door opening	Outward				

<b>EXHAUST AIR SECTION (915 mm)</b>					
Drip pan	None		Drip side	-	
Opening location	End upper		Outlet Opening size	1727x1270	mm
<b>EXHAUST DAMPER DATA</b>					
Location	Opposite Drive Side		Window size	None	
Panel Width	813	mm	Light	None	
Hood	Fitted		Damper	Ultra Seal Low Leak	

<b>SHIPPING SECTION DETAILS</b>				
	Length (mm)		Weight (kg)	
Fan Section	2337		1195	
Exhaust Air Section	914		258	
<b>TOTALS</b>	<b>3251 (Lower level total)</b>		<b>1453 (Entire unit weight)</b>	

<b>UNIT SOUND</b>	<b>63 Hz</b>	<b>125 Hz</b>	<b>250 Hz</b>	<b>500 Hz</b>	<b>1000 Hz</b>	<b>2000 Hz</b>	<b>4000 Hz</b>	<b>8000 Hz</b>
Radiated	78	83	75	68	61	56	38	32
Unit discharge	86	91	87	85	81	79	73	68
Unit return	86	91	87	85	81	79	73	68

**OUTDOOR AIR HANDLING UNIT SCHEDULE**

<b>MODEL NUMBER</b>	OAC040GVAM	<b>MAKE</b>	McQuay Skyline
<b>UNIT TAGGING</b>	Outside Air Mixing Section		

Unit configuration	Inline horizontal		
Drive (handing) location	Right		
<b>SUPPLY</b>		<b>RETURN / EXHAUST</b>	
Air volume	8.50	8.50	m <sup>3</sup> /s
External H x W	2134 x 2235	2134 x 2235 (Not including base rails) mm	

<b>CASING DETAILS</b>	
Outer panel	Painted standard G60 galv steel
Liner	Galvanized steel (Unless noted per section)
Insulation	R-13 Injected Foam (Unless noted per section)
Frame	2 ins
Base	8" formed channel
Sound baffles	None (unless noted per section)
Roof curb kit	None mm
Tread Plate floor liner	None (unless noted per section)

<b>OUTSIDE AIR MIXING SECTION (3150 mm)</b>				
Drip pan	See Note	Drip side	-	
	<b>OUTSIDE AIR</b>	<b>RETURN AIR</b>	<b>SUPPLY AIR</b>	
Length x Width	1930 x 1880	1727x1270	1524x1524	mm
Location	Right	Internal	-	
Dampers	UltraSeal Low Leak	UltraSeal Low Leak	None	
Hoods	-	-	-	
Actuation	Fitted	N/A	None	
Rated air vol	8.5	8.5	8.5	m <sup>3</sup> /s
Air pressure drop	7	18	-	Pa
Quantity	1	1	1	
<b>DOOR DATA</b>				
Door location	Non-drive side		Window size	None
Door width	762	mm	Light	Marine light kit and switch only
Door opening	Outward			

<b>NOTES</b>
Stainless steel drip pan in outside air damper section drained to exterior.

<b>SHIPPING SECTION DETAILS</b>		
	<b>Length (mm)</b>	<b>Weight (kg)</b>
<b>TOTALS</b>	<b>3150</b>	<b>940</b>

**END OF SECTION**