

PROJECT NAME				
ARCHITECT				
ENGINEER				
CONTRACTOR				
SUBMITTED BY		DAT	E	 
	UNIT SU	MMARY		
Quantity				
Unit Designation				
Model No.				
Total Cooling				
Sensible Cooling				
Air Ent. Evaporator				
Air Lvg. Evaporator				
Heating Input				
Heating Output				
CFM/ESP				
EER/SEER				
Electrical				
Minimum Ampacity				
MinMax. Breaker				
Net Unit Weight				
Accessory				
Catalog Form Number				
ACCESSORIES:	1	IOTES:		

Vantix <sup>™</sup> Line S Motor: Constan Airflow Stages Expansion Dev Efficiencies: 18 Befrigerant Typ	HMVY Air Hand nt CFM : Modulating vice: Electronic 3+ SEER2 per R-454B	dlers Expansio	n Valve (EEV)				
ENGINEER			UNIT MODEL NO.				
SUBMITTED FOR			D COIL MODEL NO				
DATE			AIR HANDLER MC	DEL NO			
UNIT I COOLING PEF	<b>DATA</b> RFORMANCE	l	*	EcoNe	ť		
EFFICIENCY	SEER		®				
TOTAL CAPACITY*	MBH [kW]	Constant C	FM Motor: Truly variable	EATURES e speed technology allows for	ultimate humiditv		
SENSIBLE CAPACITY*	MBH [kW]	control, qui	eter sound levels and cor	ntributes to year-round energy	/ savings		
OUTDOOR DESIGN TEMP.	°F [°C] DB	airflow tech	nology and sturdy cabine	et construction with 1.0 inch c	of foil faced		
EVAPORATOR COIL	°F [°C] DB	Diagnostic	s: With the Contractor &	EcoNet <sup>®</sup> Apps, built-in EcoNet	et® & Bluetooth <sup>2</sup>		
	°F [°C] WB	technology ever before	makes monitoring, troubl	leshooting and repairing the p	product easier than		
POWER INPUT REQUIREN (*uses blower motor heat)	1ENT kW	Dip Switch     final install s	Free Installation Comm step without DIP switch c	nissioning via Bluetooth Tec configuration using the Contra	hnology: Seamless actor App		
	FORMANCE	EcoNet <sup>®</sup> Ei     — The lates     new leve     — Allows or     — Ei	habled Air Handler: st in sensor technology ar l of protection, control an n-the-go control and rece	nd the EcoNet <sup>®</sup> monitoring sy id energy savings sipt of system alerts by the ho	rstem provides a omeowner via the		
TOTAL CAPACITY*	MBH [kW]	Aluminum	Indoor Coil Design: Are	constructed of aluminum fins	bonded to		
OUTDOOR DESIGN TEMP.	°F [°C] DB	internally gr • Versatile 4-	ooved aluminum tubing a Way Convertible Comp	and are more corrosion resista act Design: Allows for upflov	ant v, downflow,		
TEMP. OF AIR ENTERING EVAPORATOR COIL	°F [°C] DB	horizontal le • Rugged Ste versatility	eft and horizontal right ap eel, Compact Cabinet C	plications, even in the smalle onstruction: Designed for ac	st of spaces dded strength and		
		Field-instal include circle     Less than 2     ASHRAE St	Iled Auxiliary Heater Kit: uit breakers which meet I 2% Cabinet Air Leakage	<ul> <li>Provide exact heat for indo</li> <li>JL and cUL requirements for</li> <li>at 1-inch H<sub>2</sub>O: When tested</li> </ul>	or comfort and service disconnect in accordance with		
TOTAL RESISTANCE EXTE	RNAL IWG	Designing f     Protection A	for Sustainability with L Agency (EPA) has set a gl	ow GWP: For 2025, the Envir obal warming potential (GWP	onmental ) limit of 700 for		
BLOWER SPEED	RPM	refrigerant u 78%4 lower	used in heating and coolir GWP than previous-gene	ng systems. This new requirer eration refrigerants — with only	ment will result in a v minimal changes		
POWER OUTPUT REQUIR	EMENT BHP	to system in	nstallation. For us, this is	another step toward our cont	inued sustainability		
MOTOR RATING	HP [W]	of energy ef	fficient, dependable comf	ort			
POWER INPUT REQUIREN	1ENT kW	Refrigerant     the A2L sen     component	t Detection System <sup>5</sup> : An Isor and mitigation board and simplified wiring cor	integrated one-box, patented , offering easier commissionir figuration, compatibility with	d design featuring ng with a single any 24V thermostat		
ELECTRIC	AL DATA	application if excess ref	and system protection by frigerant is detected	v automatically pausing outdo	or unit operation —		
POWER SUPPLY	Hz	1Deced or more f		ho product'o obficurator a statut	and application data		
	AMPS	Sound levels are a 2The Bluetooth® wa	also dependent on air handler loca ord mark and locos are registered	ne product's arriow stages, motor type ation and installation. I trademarks owned by Bluetooth SIG	Inc. and any use of such		
	T DEVICE	awiff broadband in set up your EcoNe	<sup>2</sup> is under license. Other trademar nternet connection required. Down et <sup>®</sup> Smart Thermostat. Receipt of	ks and trade names are those of their n nload the EcoNet® App from the App S notifications depend on home WIFI set	espective owners. tore® or Google Play® to t up. Amazon. Alexa and		
		all related logos an 4When comparing 5Factory or field ins	re trademarked of Amazon.com, I the GWP of A2L refrigerants to R- stalled in the furnace coil or air ha	nc. or its affiliates. 410A refrigerant. ndler and is applicable to the complete	heating and cooling		
ACCESS SIDE	24" [609.6 mm]	system reaturing L			LOW		
AIR INLETS	12" [304.8 mm]	ISO	c <b>(ŲL)</b> us	Boliny Service 200240	GWP		
ABOVE UNIT	60" [1524 mm]	9001:2015	LISTED	Association and the distance of the second s	Ten Igelait		

## SHMVY



## DRAIN CONNECTION

AUXILIARY UPFLOW/DOWNFLOW

## **Unit Dimensions**

Model Size	Refrigerant Sweat (Ir	t Connections 1.) [mm] ID	Unit Width	Unit Height	Supply Duct	Unit Weight/ Shipping Weight	
SHMVY	Liquid	Vapor	"W" In. [mm]	"H" In. [mm]	"A" In. [mm]	(Lbs.) [kg]	
2417SEACN	<sup>3</sup> /8 [9.53]	<sup>3</sup> /4 [19.05]	17 <sup>1</sup> /2 [445]	42 <sup>1</sup> /2 [1080]	16 [406]	91/105 [41/48]	
2421MEACN	<sup>3</sup> /8 [9.53]	<sup>3</sup> /4 [19.05]	21 [533]	42 <sup>1</sup> /2 [1080]	19 <sup>1</sup> /2 [495]	103/118 [47/54]	
3621MEACA	<sup>3</sup> /8 [9.53]	7/8 [22.23]	21 [533]	50 <sup>1</sup> /2 [1282]	19 <sup>1</sup> /2 [495]	123/139 [56/63]	
4821SEACA	<sup>3</sup> /8 [9.53]	7/8 [22.23]	21 [533]	57 [1448]	19 <sup>1</sup> /2 [495]	140/152 [64/69]	
6021SEACA	<sup>3</sup> /8 [9.53]	7/8 [22.23]	21 [533]	57 [1448]	191/2 [495]	140/152 [64/69]	
6024SEACN	<sup>3</sup> /8 [9.53]	7/8 [22.23]	241/2 [622]	55 <sup>1</sup> /2 [1410]	23 [584]	159/176 [72/80]	

## [ ] Designates Metric Conversions

Before proceeding with installation, refer
to installation instructions packaged
with each model, as well as complying
with all Federal, State, Provincial, and
Local codes, regulations, and practices.

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