S-MEXT-G06-M1-U-06LB & PUY-AH24NL

23,500 BTU/H PREMIUM UNDER FLOW IT COOLING INDOOR UNIT
21,200 BTU/H COOLING ONLY OUTDOOR UNIT

Job Name:			
System Reference:		**Date:**	

INDOOR Unit ... S-MEXT-G06-M1-U-06LB

OUTDOOR Unit ... PUY-AH24NL

INDOOR UNIT FEATURES

- Humidity Control: Control humidification and dehumidification setpoints against ambient conditions.
- Steam Humidifier: Equipped with modulating steam humidifier for advanced humidity control.
- Electric Heater: Aluminum element electric heater installed downstream of main cooling coil.
- Computer Room Air Conditioning (CRAC): Unit meets and exceeds DOE CMMS import requirements.
- Low GWP: R-454B system with continuous circulation to meet code requirements.
- Touch Screen Control Interface: Factory installed 7-inch touch screen display with intuitive navigation for operating and monitoring operation and alarm status.
- Multi-Unit Networking: Enhanced network functions that offer connection of up to 10 s-MEXT units, balancing unit operating hours (lead-lag and stand-by unit activation), and centralized control.
- Flash Memory Logging: Capable of storing up to 200 recorded events in flash memory to preserve data for easy servicing and troubleshooting. Available in absence of power supply.
- Safety Devices: Built-in automatic disconnect system with inputs for fire, refrigerant leak, water leak, and airflow loss detection.

OUTDOOR UNIT FEATURES

- Inverter Driven Compressor: Inverter technology uses only the precise amount of energy needed to keep a space comfortable.
- Blue Fin Coating: Anti-corrosion coating that protects the outdoor heat exchanger against salt, sulfur, and other airborne contaminants that impact the efficiency and performance of the outdoor units.
- Seacoast Protection: Designed to protect against the corrosive effects of environments that are in close proximity to the sea.
- Low Ambient Cooling: Low ambient cooling down to -40°F providing 100% capacity with front, side and rear wind baffle kit
- Low Ambient Cooling: Low ambient cooling down to 0°F providing 100% capacity with front wind baffle kit

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SPECIFICATIONS: S-MEXT-G06-M1-U-06LB & PUY-AH24NL

Cooling Capacity	Total Cooling Capacity	Btu/h [kW]	23500 [6.88]
	Net Cooling Capacity	Btu/h [kW]	22900 [6.71]
	Sensible Cooling Capacity	Btu/h [kW]	23100 [6.77]
	Net Sensible Capacity	Btu/h [kW]	20470 [6]
Efficiency	Net SCOP		2.8
	Maximum Static Pressure		1.66
Electrical	Voltage, Phase, Frequency	V AC / V AC , Hz	208 / 230 , 1 , 60
	Guaranteed Voltage Range	V AC	208 - 230
	Short-circuit Current Rating [SCCR]	kA	5
Indoor Unit	MCA	A	30.90
	MOCP	A	35
	Fan Motor Type		EC Motor
	Rated Airflow, Dry	CFM	1180
	Sound Pressure Level		55
	Sound Power Level		71
	Drain Pipe Size O.D.	inch [mm]	7/8 [22.23]
	Unit Dimensions (W x D x H)	inch x inch x inch [mm x mm x mm]	23-5/8 x 19.70 x 78 [600 x 500 x 1981]
	Package Dimensions (W x D x H)	inch x inch x inch [mm x mm x mm]	29-1/2 x 25-5/8 x 87-3/8 [749 x 651 x 2219]
	Unit Weight	lbs [kg]	154 [70]
	Package Weight	lbs [kg]	309 [140]
IDU Operating Temp. Range	Cooling Intake Air Temp [Maximum / Minimum]	deg F	95
	Cooling Intake Maximum Air Temp WB	deg F	72
	Cooling Intake Minimum Air Temp DB	deg F	66
	Cooling Intake Minimum Air Temp WB	deg F	57
	Heating Intake Air Temp [Maximum / Minimum]	deg F	115
	Heating Intake Minimum Air Temp DB	deg F	23
Outdoor Unit	MCA	A	22
	MOCP	A	37
	Fan Motor Full Load Amperage	A	
	Fan Motor Output	W	74
	Airflow Rate Cooling	CFM	1940
	Coating on Heat Exchanger (Bluefin, Sea Coast)		Yes , Yes
	Sound Pressure Level, Cooling[1]	dB (A)	49
	Compressor Type		Twin Rotary
	Compressor Model		SRB172FQHMC-L1
	Compressor Oil [Type // Charge]	// oz	RM68EH // 23
	External Finish Color		Munsell 3Y 7.8/1.1
	Unit Dimensions (W x D x H)	inch x inch x inch [mm x mm x mm]	37-13/32 x 14 x 37-1/8 [950 x 355 x 943]
	Package Dimensions (W x D x H)	inch x inch x inch [mm x mm x mm]	41-15/16 x 17-3/4 x 42-1/2 [1065 x 450 x 1079]
	Unit Weight	lbs [kg]	155 [70]
	Package Weight	lbs [kg]	179 [81]
ODU Operating Temp. Range	Cooling Intake Air Temp [Maximum / Minimum*]	F	115 / 23
	Cooling Thermal Lock-out / Re-start Temperatures**	F	N/A / N/A
Refrigerant	Type		R454B
	Pre-Charged Refrigerant Amount	lbs , oz	7 , 11
	Maximum Pre-Charged Piping Length	ft [m]	225 [69]
Piping	Gas Pipe Size O.D. [Flared]	inch [mm]	5/8 [15.88]
	Liquid Pipe Size O.D. [Flared]	inch [mm]	3/8 [9.52]

Notes

[1]Cooling (Indoor // Outdoor) °F 75 DB, 52 DP (Upflow), 85 DB, 52 DP (Downflow) // 95 DB, 75 WB

*Indoor/Outdoor Unit Operating Temperature Range (Cooling Air Temp [Maximum / Minimum]): • Wind baffles required to operate below 23°F DB in cooling mode. • Cooling-only system with advanced wind baffle: -40°F - 115°F. • Refer to wind baffle documentation for further information.

**Outdoor Unit Operating Temperature Range (Cooling Thermal Lock-out / Re-start Temperatures):

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INDOOR UNIT ACCESSORIES: S-MEXT-G06-M1-U-06LB

S-MEXT Accessories	Supply/Return Plenum - Class A1	BL79900301
	Serial Card - RS485 - Pconet - Bacnet MS/TP	T500000014
	T/RH Air Probe	T500000091
	Serial Card - RS485 - RS485Card - Modbus RTU	T500000085
	Silenced Plenum + 1 Grille	BL79900701
	Damper With Spring Return	T500000180
	Plenum + 3 Grilles	BL79900401
	Silenced Plenum	BL79900601
	Intake Free-Cooling Plenum	BL79901101
	Support Frame H 400-510mm	BL79901401
	Support Frame H 355-450mm	BL79901301
	Plenum + 3 Grilles - Class A1	BL79900501
	Supply/Return Plenum	BL79900201
	Serial Card - Ethernet - Pcoweb - Bacnet Over Ip/Snmp/Modbus TCP-IP + SMTP Email	T500000087
	Support Frame H 255-350mm	BL79901201
Notes		

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OUTDOOR UNIT ACCESSORIES: PUY-AH24NL

Air Outlet Guide	Air Outlet Guide 1 Piece	☐	PAC-SG59SG-E
Centralized Drain Pan	Centralized Drain Pan	☐	PAC-SG64DP-E
Control/Service Tool	Maintenance Tool Interface	☐	PAC-USCMS-MN-1
	ControlService Tool	☐	PAC-SK52ST
	M- & P-Series Maintenance Tool Cable Set	☐	M21EC0397
Drain Socket	Drain Socket	☐	PAC-SG61DS-E
Hail Guards	Hail Guard	☐	HG-A6
M-NET Converter	M-Net Interface for P-Series	☐	PAC-SJ95MA-E
Mini-Split Wire	14 Gauge 4 wire MiniSplit Cable250 ft roll	☐	S144-250
	14 Gauge 4 wire Armored MiniSplit Cable50 ft roll	☐	SW144-50
	14 Gauge 4 wire Armored MiniSplit Cable250 ft roll	☐	SW144-250
	14 Gauge 4 wire MiniSplit Cable50 ft roll	☐	S144-50
Mounting Pad	Condensing Unit Mounting Pad 24 x 42 x 3	☐	ULTRILITE2
Snow/Rain Diverter	SnowRain Diverter	☐	SRD-4
Stand	Condenser Wall Bracket - Stainless Steel Finish	☐	QSWBSS
	24 Single Fan Stand	☐	QSMS2401M
	Outdoor Unit Stand 12 High	☐	QSMS1201M
	Condenser Wall Bracket	☐	QSWB2000M-1
	Outdoor Unit 3-14 inch Mounting Base Pair - Plastic	☐	DSD-400P
	18 Single Fan Stand	☐	QSMS1801M
Terminal Signal Adapter	5-Pin Wiring Harness	☐	PAC-725AD
	3-Pin Wiring Harness	☐	PAC-715AD
Wind Baffle	Front Wind Baffle	☐	WB-PA5
	Rear Wind Baffle	☐	WB-RE5
	Side Advanced Wind Baffle	☐	WB-SD5
Notes			

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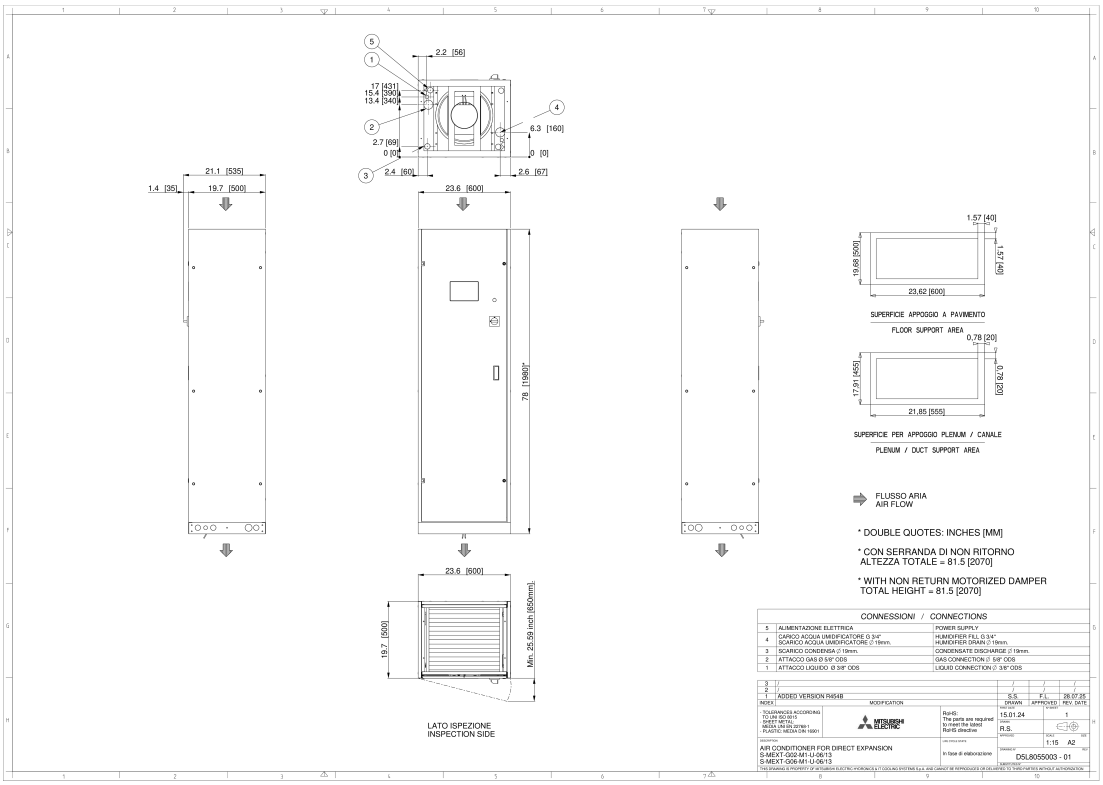
INDOOR UNIT DIMENSIONS: S-MEXT-G06-M1-U-06LB



* CON SERRANDA DI NON RITORNO ALTEZZA TOTALE = 2070
* WITH NON RETURN MOTORIZED DAMPER TOTAL HEIGHT= 2070

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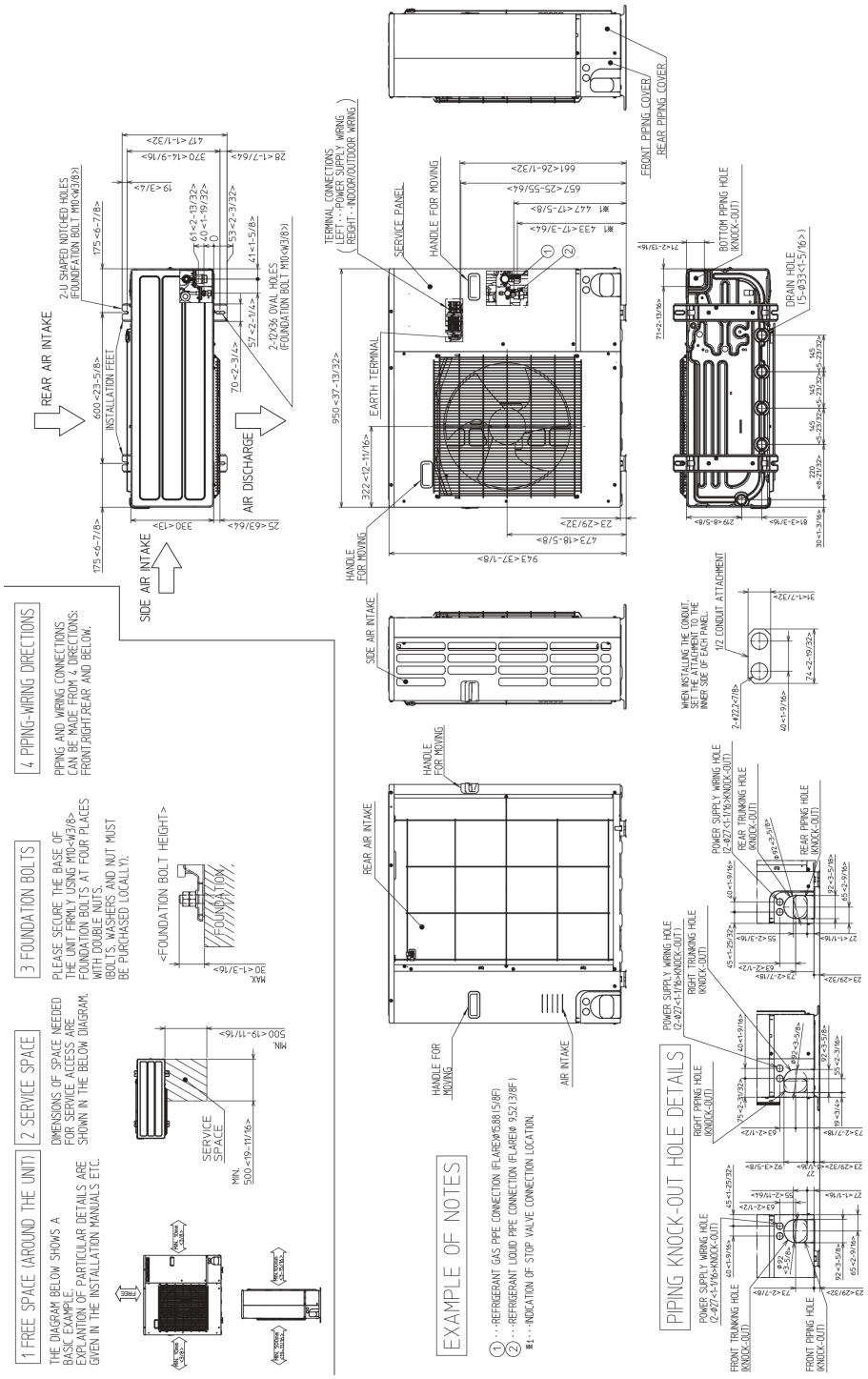
OUTDOOR UNIT DIMENSIONS: PUY-AH24NL



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