

AUX R32 - The Free Match Inverter Series - ASUM24HPMULO

Job Name _____ Location _____ Date _____
 Purchaser _____ Engineer _____
 Submitted to _____ For ☐Reference ☐Approval ☐Construction
 Unit Designation _____ Schedule # _____


 AHRI No: [214291431](#) / [216032438](#) / [216050940](#)

- ❖ One Person Installation
- ❖ Outdoor Unit PCB Coating
- ❖ 3 Ways to Control (Voice, Wi-Fi & Remote)
- ❖ Easy Service Control Board
- ❖ Highly Performance
- ❖ Golden Fin
- ❖ Wide Voltage Operation

Submittal Data Sheet - ASUM24HPMULO

| Specifications | | | | | |
|---------------------------------------|--|---------------------|---------|-------|--------------|
| Outdoor Unit | | | | | ASUM24HPMULO |
| System Format | | | | | 1 drive 3 |
| AHRI Certified Reference Number | Non-Ducted Indoor Units | | | | 214291431 |
| | Ducted Indoor Units | | | | 216032438 |
| | Mixed Ducted and Non-Ducted Indoor Units | | | | 216050940 |
| Cooling | Non-Ducted Indoor Units | Capacity | Rated | Btu/h | 24000 |
| | | Capacity Range | Min-Max | Btu/h | 5500-32300 |
| | | Power Input | Rated | W | 1850 |
| | | Moisture Removal | Kg/h | | 4.5 |
| | Ducted Indoor Units | Capacity | Rated | Btu/h | 24000 |
| | | Capacity Range | Min-Max | Btu/h | 5500-32300 |
| | | Power Input | Rated | W | 1846 |
| | | Moisture Removal | Kg/h | | 4.5 |
| | Mixed Ducted and Non-Ducted Indoor Units | Capacity | Rated | Btu/h | 24000 |
| | | Capacity Range | Min-Max | Btu/h | 5500-32300 |
| | | Power Input | Rated | W | 1846 |
| | | Moisture Removal | Kg/h | | 4.5 |
| Heating | Non-Ducted Indoor Units | Capacity at 47°F | Rated | Btu/h | 26000 |
| | | Capacity Range | Min-Max | Btu/h | 5850-36000 |
| | | Power Input at 47°F | Rated | W | 1730 |
| | | Capacity at 17°F | Rated | Btu/h | 27600 |
| | | Capacity at 5°F | Max | Btu/h | 25900 |
| | Ducted Indoor Units | Capacity at 47°F | Rated | Btu/h | 26000 |
| | | Capacity Range | Min-Max | Btu/h | 5850-36000 |
| | | Power Input at 47°F | Rated | W | 1814 |
| | | Capacity at 17°F | Rated | Btu/h | 21000 |
| | | Capacity at 5°F | Max | Btu/h | 19800 |
| | Mixed Ducted and Non-Ducted Indoor Units | Capacity at 47°F | Rated | Btu/h | 26000 |
| | | Capacity Range | Min-Max | Btu/h | 5850-36000 |
| | | Power Input at 47°F | Rated | W | 1772 |
| | | Capacity at 17°F | Rated | Btu/h | 24200 |
| | | Capacity at 5°F | Max | Btu/h | 22850 |



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| | | | | |
|-----------------------------|--|--------------|---------------|-----------------|
| Efficiency | Non-Ducted Indoor Units | SEER2 | | 24 |
| | | HSPF2 | | 10.5 |
| | | COP | | 4.4 |
| | | EER2 | | 13 |
| | Ducted Indoor Units | SEER2 | | 21 |
| | | HSPF2 | | 10 |
| | | COP | | 4.2 |
| | | EER2 | | 13 |
| | Mixed Ducted and Non-Ducted Indoor Units | SEER2 | | 22.5 |
| | | HSPF2 | | 10.25 |
| COP | | 4.3 | | |
| EER2 | | 13 | | |
| MCA | | | 26 | |
| MOCP | | | 40 | |
| Outdoor | Package Dimensions | H | In.[mm] | 33-21/32[885] |
| | | W | In.[mm] | 43-1/2[1105] |
| | | D | In.[mm] | 19-31/64[495] |
| | Net Dimensions | H | In.[mm] | 31-13/16[808] |
| | | W | In.[mm] | 41-3/16[1046] |
| | | D | In.[mm] | 17-59/64[455] |
| | Net Weight | | lbs[kg] | 152.1[69] |
| | Air Flow Rate(Cooling/Heating) | | CFM | 2353 |
| | Sound Pressure Level | Cooling | dB(A) | 60 |
| | | Heating | dB(A) | 60 |
| Piping | Diameter | Gas(O.D.) | In.[mm] | 3/8[9.52] |
| | | Liquid(O.D) | In.[mm] | 1/4[6.35] |
| | | Indoor Drain | In.[mm] | 5/8[15.88] |
| | Max.Length | | ft[m] | 197[60] |
| | Min.Length | | ft[m] | 10[3] |
| | Max.Height | | ft[m] | 49[15] |
| Electrical | Outdoor-Indoor | | V,ph,Hz | 208~230,1,60 |
| | Recommended Breaker Size | | A | 40 |
| Temperature Operation Range | Cooling | | °F DB [°C DB] | -13-125(-25-52) |
| | Heating | | °F DB [°C DB] | -22-75(-30-24) |

Remarks:

- 1.All specifications are subject to change by the manufacturer without prior notice.
- 2.All units are being tested and comply to ISO5151.
- 3.Sound pressure levels are measured in anechoic chamber.
During actual operation, sound pressure level will be higher as a result of room specification condition.
- 4.Data from AUX lab,05/03/24, Data may change according to test surroundings, AUX reserves right of explanation on data.



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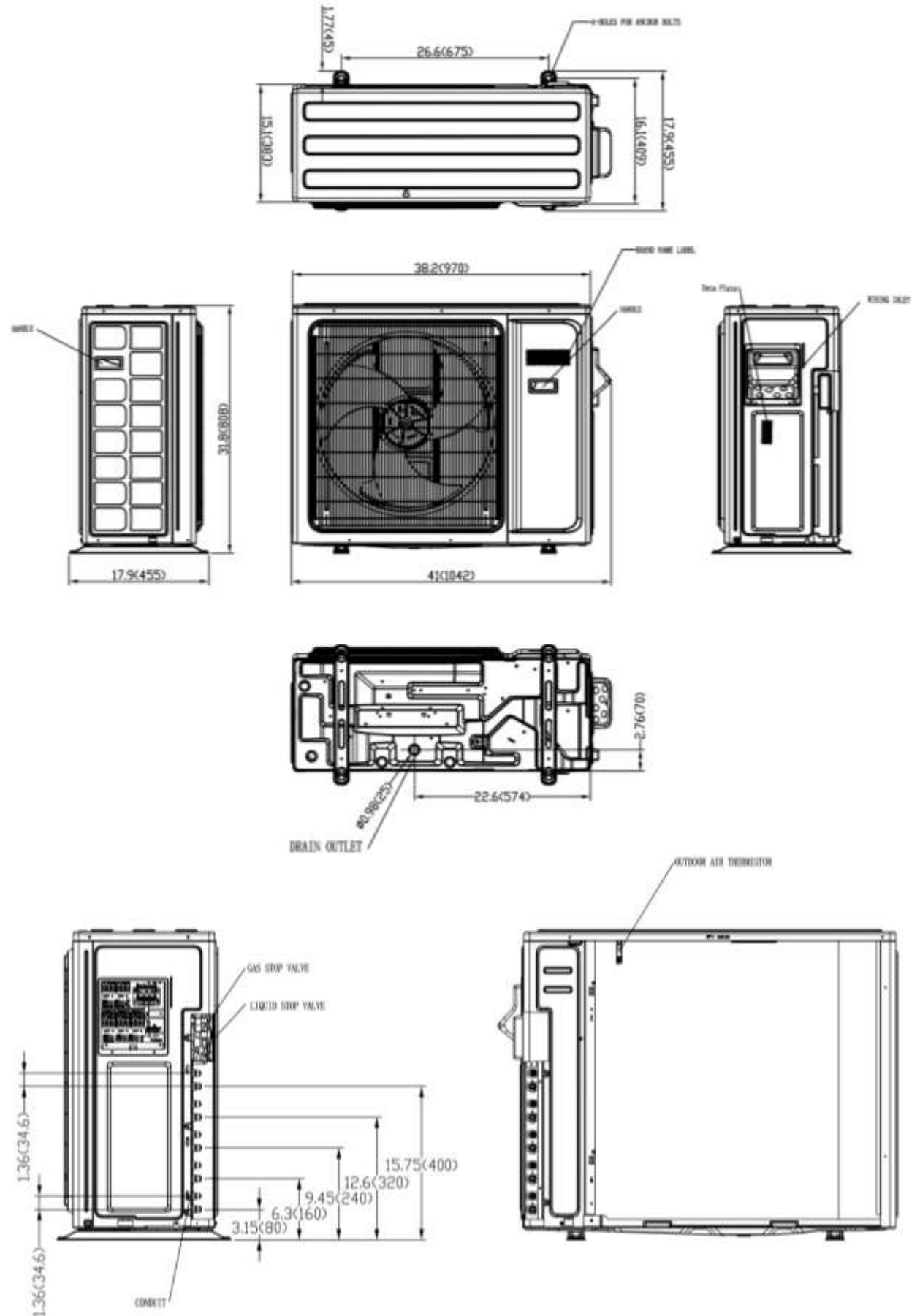
| Indoor Unite Series | | | | | | | | | | | | | | | | | | |
|---------------------|--------------|-----------------|---|----|----|----|-----------------|----|----|----|-----------------|----|----|----|-----------------|----|----|----|
| | | Wall Mounted | | | | | Cassette | | | | Ducted | | | | Ceiling & Floor | | | |
| | | AFEB**HP230V*CH | | | | | AFEB**HP230V*CC | | | | AFEB**HP230V*SD | | | | AFEB**HP230V*FL | | | |
| | | 7 | 9 | 12 | 18 | 24 | 9 | 12 | 18 | 24 | 9 | 12 | 18 | 24 | 9 | 12 | 18 | 24 |
| MS | ASPR18HPMULO | ● | ● | ● | | | ● | ● | | | ● | ● | | | ● | ● | | |
| | ASPR24HPMULO | ● | ● | ● | ● | | ● | ● | ● | | ● | ● | ● | | ● | ● | ● | |
| | ASPR30HPMULO | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | ASPR36HPMULO | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | ASPR42HPMULO | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| MX | ASUM18HPMULO | ● | ● | ● | | | ● | ● | | | ● | ● | | | ● | ● | | |
| | ASUM24HPMULO | ● | ● | ● | ● | | ● | ● | ● | | ● | ● | ● | | ● | ● | ● | |
| | ASUM36HPMULO | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | ASUM42HPMULO | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |





Dimensions

Outdoor Unit
ASUM24HPMULO





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ASUM24HPMULO

