



Submittal Data Sheet

| | | | |
|---------------|--|---------------|--|
| Project Name: | | Approval: | |
| Location: | | Date: | |
| Engineer: | | Construction: | |
| Submitted to: | | Unit #: | |
| Submitted by: | | Drawing #: | |
| Reference: | | | |

| | |
|---------------|----------------|
| Indoor model | ACT-09UR3SCA*5 |
| Outdoor model | AMW5-42U3STA |



PERFORMANCE DATA

| | | |
|-------------------------------|---------|------------------------|
| Power supply | Ph-V-Hz | 208-230V~60Hz , 1Ph |
| Cooling | | |
| Capacity | Btu/h | 41500 |
| Input | W | 4049 |
| Rated current | A | 18 |
| EER2 | Btu/h/w | 10.25 |
| SEER2 | Btu/h/w | 19 |
| Heating | | |
| Capacity | Btu/h | 43000 |
| Input | W | 3799 |
| Rated current | A | 17 |
| COP2 | W/W | 3.32 |
| HSPF2 | Btu/h/w | 8.88 |
| COP at 5°F (At Max. Capacity) | Btu/h/w | 1.84 |
| Electrical | | |
| MINIMUM CIRCUIT AMPACITY | A | 35 |
| MAX. FUSE | A | 50 |
| Connection wiring | | 4 x 1.5mm ² |
| Compressor | | |
| Model | | EATF400D42UMTA |
| Type | | ROTARY |
| Brand | | GMCC |
| Capacity | Btu/h | 41916.42 |
| Input | W | 3365 |
| Rated current(RLA) | A | 24.4 |
| Locked rotor Amp(LRA) | A | 25.7 |
| Thermal protector | | --- |
| Thermal protector position | | --- |
| Refrigerant oil/oil charge | ml | VG74 (POE) 670ml |
| Operation temperature | | |
| Indoor(cooling/ heating) | Deg. F | 62~90/32~86 |
| Outdoor(cooling/heating) | Deg. F | 14~115/ -4~75.2 |
| Application area | sq.ft | 520~879 |

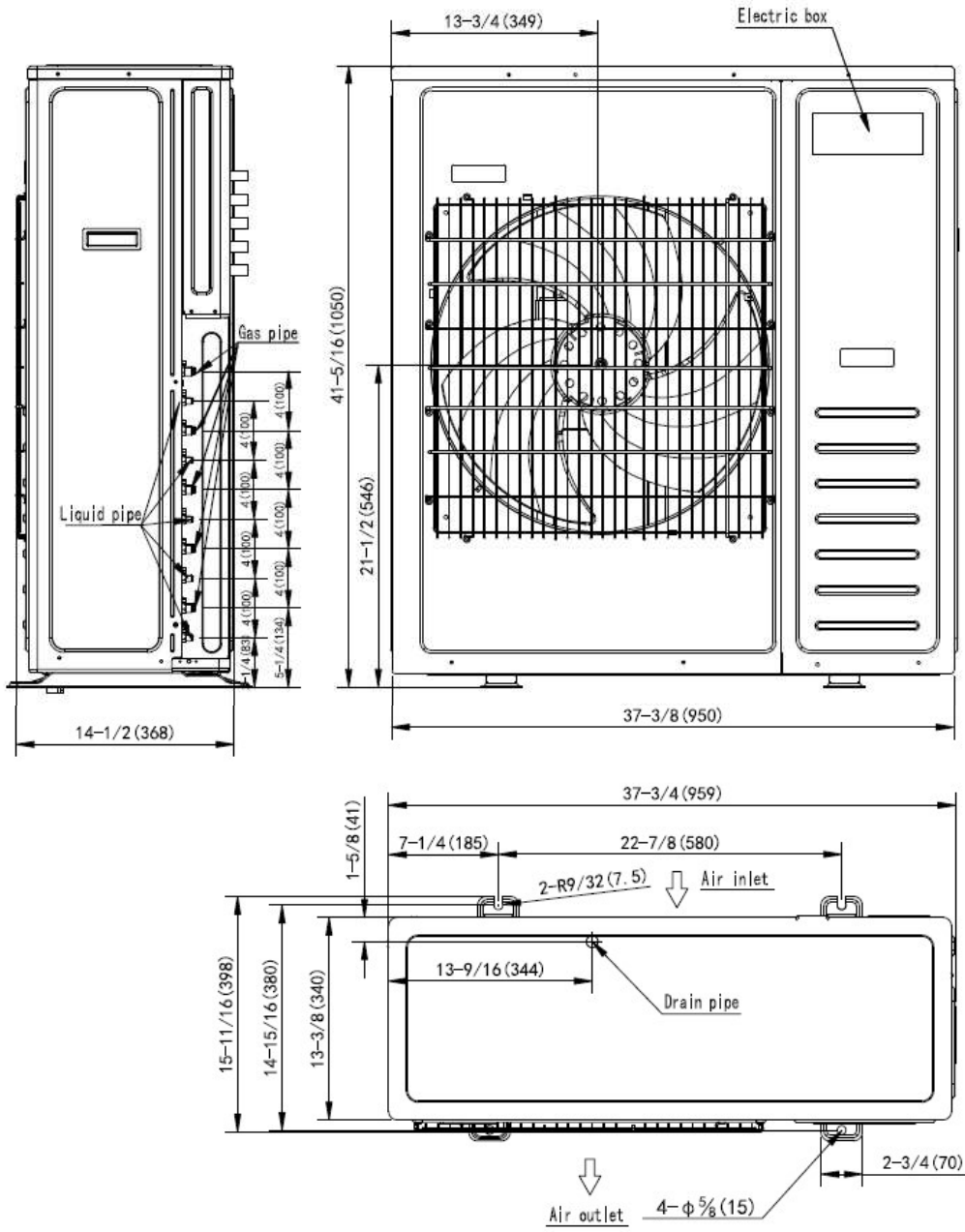
OUTDOOR UNIT DATA

| | | |
|--|----------|-------------------------------|
| Outdoor fan motor | | |
| Model | | SIC-81FW-F1138-1 |
| Type | | DC |
| Input | | 138 |
| RLA | A | 1.04 |
| Speed | r/min | 850 / 540 / 200 |
| Air flow & Noise level | | |
| Outdoor air flow | CFM | 5800 |
| Outdoor noise level | dB(A) | 59 |
| Outdoor unit | | |
| Dimension(W*H*D) | inch | 37-3/8x41-3/8x13-3/8 |
| Packing (W*D*H) | inch | 43-3/4x18-1/8x47-1/4 |
| Net/Gross weight | lbs. | 198.4/224.5 |
| SYSTEM DATA | | |
| Design pressure | PSIG | 550/240 |
| Refrigerant type | oz | R410A/120 |
| Refrigerant precharge | ft | 123 |
| Additional charge per ft. | oz | 0.161oz/ft over 37.5m |
| Liquid side/ Gas side | mm(inch) | 5 X Φ6.35/Φ9.52(1/4"/3/8") |
| Max. length for all rooms | ft | 262 |
| Max. length for one indoor unit | ft | 66 |
| Max. height difference between indoor and outdoor unit | ft | 49 |
| Max. height difference between indoor units | ft | 33 |

OUTDOOR UNIT

42K

Unit: in.(mm)



| | | | |
|---------------|--|---------------|--|
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|---------------|----------------|
| Indoor model | ADT-09UX3SBL*5 |
| Outdoor model | AMW5-42U3STA |



PERFORMANCE DATA

| | | |
|-------------------------------|---------|---------------------|
| Power supply | Ph-V-Hz | 208-230V~60Hz , 1Ph |
| Cooling | | |
| Capacity | Btu/h | 41000 |
| Input | W | 4100 |
| Rated current | A | 17.9375 |
| EER2 | Btu/h/w | 10.0 |
| SEER2 | Btu/h/w | 18 |
| Heating | | |
| Capacity | Btu/h | 45000 |
| Input | W | 3730 |
| Rated current | A | 16.39 |
| COP2 | W/W | 3.54 |
| HSPF2 | Btu/h/w | 8.8 |
| COP at 5°F (At Max. Capacity) | Btu/h/w | 1.84 |
| Electrical | | |
| MINIMUM CIRCUIT AMPACITY | A | 35 |
| MAX. FUSE | A | 50 |
| Connection wiring | | 4 x 1.5mm2 |
| Compressor | | |
| Model | | EATF400D42UMTA |
| Type | | ROTARY |
| Brand | | GMCC |
| Capacity | Btu/h | 41916.42 |
| Input | W | 3365 |
| Rated current(RLA) | A | 24.4 |
| Locked rotor Amp(LRA) | A | 25.7 |
| Thermal protector | | --- |
| Thermal protector position | | --- |
| Refrigerant oil/oil charge | ml | VG74 (POE) 670ml |
| Operation temperature | | |
| Indoor(cooling/ heating) | Deg. F | 62~90/32~86 |
| Outdoor(cooling/heating) | Deg. F | 14~115/ -4~75.2 |
| Application area | sq.ft | 520~879 |

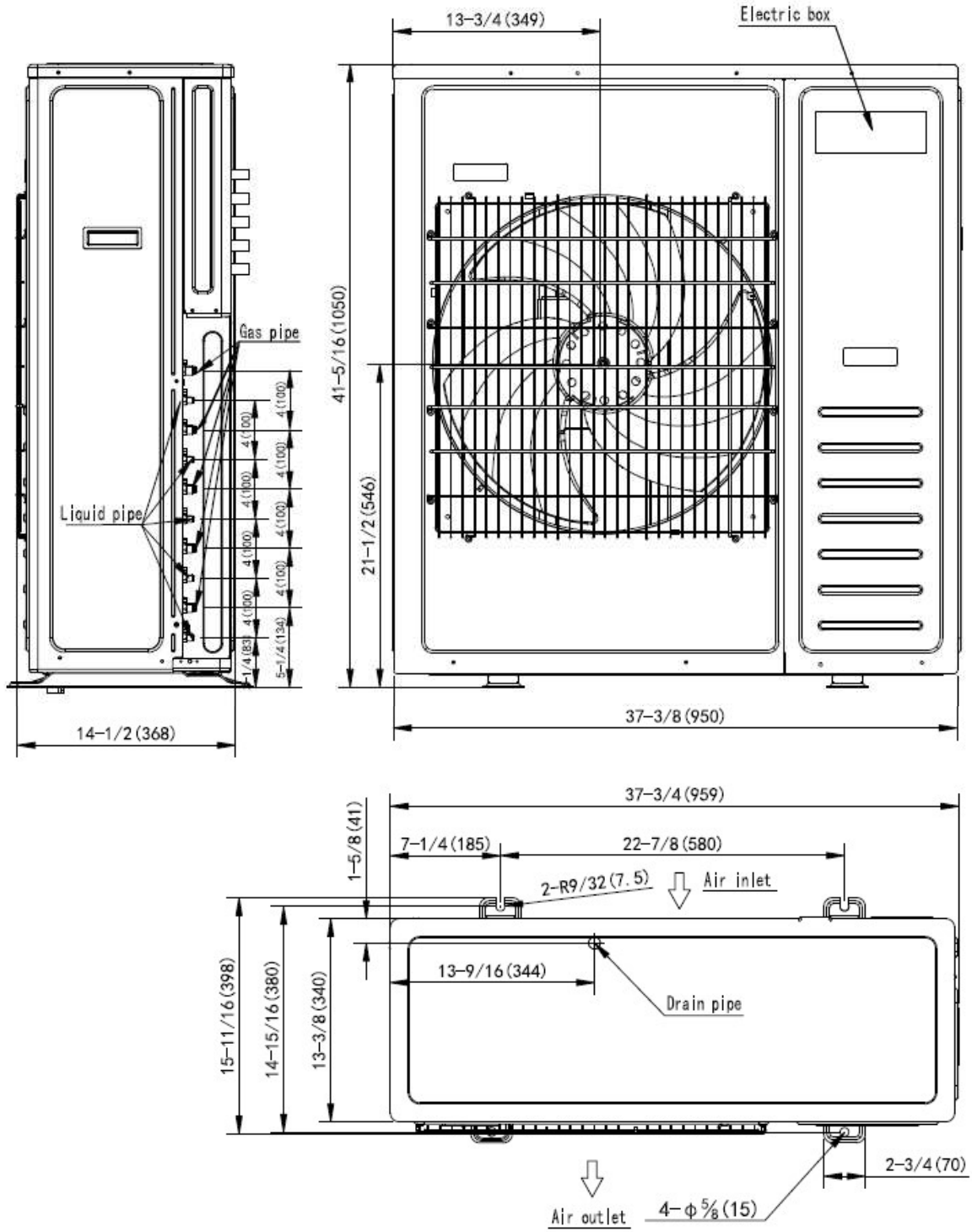
OUTDOOR UNIT DATA

| | | |
|--|----------|-------------------------------|
| Outdoor fan motor | | |
| Model | | SIC-81FW-F1138-1 |
| Type | | DC |
| Input | | 138 |
| RLA | A | 1.04 |
| Speed | r/min | 850 / 540 / 200 |
| Air flow & Noise level | | |
| Outdoor air flow | CFM | 5800 |
| Outdoor noise level | dB(A) | 59 |
| Outdoor unit | | |
| Dimension(W*H*D) | inch | 37-3/8x41-3/8x13-3/8 |
| Packing (W*D*H) | inch | 43-3/4x18-1/8x47-1/4 |
| Net/Gross weight | lbs. | 198.4/224.5 |
| SYSTEM DATA | | |
| Design pressure | PSIG | 550/240 |
| Refrigerant type | oz | R410A/120 |
| Refrigerant precharge | ft | 123 |
| Additional charge per ft. | oz | 0.161oz/ft over 37.5m |
| Liquid side/ Gas side | mm(inch) | 5 X Φ6.35/Φ9.52(1/4"/3/8") |
| Max. length for all rooms | ft | 262 |
| Max. length for one indoor unit | ft | 66 |
| Max. height difference between indoor and outdoor unit | ft | 49 |
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OUTDOOR UNIT

42K

Unit: in.(mm)





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| Indoor model | AST-09UW3SVE**01*5 |
| Outdoor model | AMW5-42U3STA |



PERFORMANCE DATA

| | | |
|-------------------------------|---------|------------------------|
| Power supply | Ph-V-Hz | 208-230V~60Hz, 1Ph |
| Cooling | | |
| Capacity | Btu/h | 42000 |
| Input | W | 4000 |
| Rated current | A | 17.5 |
| EER2 | Btu/h/w | 10.5 |
| SEER2 | Btu/h/w | 20 |
| Heating | | |
| Capacity | Btu/h | 41500 |
| Input | W | 3870 |
| Rated current | A | 17 |
| COP2 | W/W | 3.30 |
| HSPF2 | Btu/h/w | 8.95 |
| COP at 5°F (At Max. Capacity) | Btu/h/w | 1.84 |
| Electrical | | |
| MINIMUM CIRCUIT AMPACITY | A | 35 |
| MAX. FUSE | A | 50 |
| Connection wiring | | 4 x 1.5mm ² |
| Compressor | | |
| Model | | EATF400D42UMTA |
| Type | | ROTARY |
| Brand | | GMCC |
| Capacity | Btu/h | 41916.42 |
| Input | W | 3365 |
| Rated current(RLA) | A | 24.4 |
| Locked rotor Amp(LRA) | A | 25.7 |
| Thermal protector | | --- |
| Thermal protector position | | --- |
| Refrigerant oil/oil charge | ml | VG74 (POE) 670ml |
| Operation temperature | | |
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| Type | | DC |
| Input | | 138 |
| RLA | A | 1.04 |
| Speed | r/min | 850 / 540 / 200 |
| Air flow & Noise level | | |
| Outdoor air flow | CFM | 5800 |
| Outdoor noise level | dB(A) | 59 |
| Dims and Weight | | |
| Dimension(W*H*D) | inch | 37-3/8x41-3/8x13-3/8 |
| Packing (W*D*H) | inch | 43-3/4x18-1/8x47-1/4 |
| Net/Gross weight | lbs. | 198.4/224.5 |
| SYSTEM DATA | | |
| Design pressure | PSIG | 550/240 |
| Refrigerant type | oz | R410A/120 |
| Refrigerant precharge | ft | 123 |
| Additional charge per ft. | oz | 0.161oz/ft over 37.5m |
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| Max. length for one indoor unit | ft | 66 |
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OUTDOOR UNIT

36K

Unit: in.(mm)

