

LCAC**CASSETTE****INVERTER**

Remarks:

The design and specifications are subject to change without prior notice for product improvement.

The values given in the table for noise level reflect the levels in anechoic chamber.

| Model Number | | | AUC-18UR4SSAA2 | AUC-24UR4SFGA1 | AUC-36UR4S1AGA | AUC-48UR6SPFA | AUC-60UR6SPFA |
|--------------------------------------|--------------------------|----------------|------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Indoor model | | | AUC-18UR4SAA2 | AUC-24UR4S1GA | AUC-36UR4SGA | AUC-48UR4SFA | AUC-60UR4SFA |
| Outdoor model | | | AUW-18U4SS | AUW-24U4SF1 | AUW-36U4S1A | AUW-48U6SP | AUW-60U6SP |
| Power supply | (Indoor) | V-ph-Hz | 220~240-1-50 | 220~240-1-50 | 220~240-1-50 | 220~240-1-50 | 220~240-1-50 |
| Power supply | (Outdoor) | V-ph-Hz | 220~240-1-50 | 220~240-1-50 | 220~240-1-50 | 380-415-3-50 | 380-415-3-50 |
| Cooling | Capacity | W | 5200(1990~5570) | 7200(2700~7850) | 9800(3200~10000) | 12600(5500-13500) | 17000(6200-18000) |
| | Input | W | 1680 | 2240 | 3450 | 3720 | 5095 |
| | Current | A | 7,50 | 10,20 | 15,0 | 6,50 | 9,8 |
| Heating | Capacity | W | 6200(1690~6550) | 8500(2770~9000) | 11200(2900~12000) | 15000(4000-18000) | 20000(5600-21000) |
| | Input | W | 1820 | 2350 | 3100 | 3950 | 5450 |
| | Current | A | 8,2 | 10,7 | 13,0 | 7 | 10,3 |
| Indoor air flow Rated(Hi/Med/Lo) | | m3/h | 850/730/630 | 1100/950/800 | 1800/1420/1210 | 2000/1800/1500 | 2000/1800/1500 |
| Indoor air flow Rated(CFM) | | CFM | 500/429/370 | 647/558/470 | 1058/835/711 | 1175/1060/880 | 1175/1060/880 |
| ESP | Rated | Pa | NA | NA | NA | NA | NA |
| | Range | Pa | NA | NA | NA | NA | NA |
| Indoor noise level (Hi/Med/Lo) | | dB(A) | 47/44/41 | 43/38/29 | 53/50/45 | 50/47/44 | 50/47/44 |
| Indoor unit | Dimension (WxHxD) | mm | 650x270x570 | 840x248x840 | 840x248x840 | 840x298x840 | 840x298x840 |
| | Packing(WxHxD) | mm | 770x310x750 | 996x370x956 | 996x370x956 | 996x420x956 | 996x420x956 |
| | Net/Gross weight | kg | 21 /25.5 | 28/37 | 30/39 | 29/38 | 29/38 |
| Design pressure (H/L) | | MPa | 4.15/1.6 | 4.15/1.6 | 4.15/1.6 | 4.15/1.6 | 4.15/1.6 |
| Drainage water pipe diameter | | mm | dΦ21 | dΦ32 | dΦ32 | dΦ32 | dΦ32 |
| Refrigerant piping | Liquid side/ Gas side | mm | Φ6.35/Φ12.7(1/4'/1/2') | Φ9.52/Φ15.88(3/8'/5/8') | Φ9.52/Φ15.88(3/8'/5/8') | Φ9.52/Φ19.05(3/8'/3/4') | Φ9.52/Φ19.05(3/8'/3/4') |
| Outdoor noise level (sound pressure) | | dB(A) | 50 | 56 | 60 | 60 | 62 |
| Outdoor unit | Dimension (WxHxD) | mm | 810x584x281 | 860x670x310 | 950x840x340 | 950x1386x340 | 950x1386x340 |
| | Packing(WxHxD) | mm | 940x420x640 | 990x450x730 | 1110x980x460 | 1110x1527x460 | 1110x1527x460 |
| | Net/Gross weight | kg | 36/40 | 51/57 | 70/74 | 101/107 | 108/112 |
| Refrigerant type/ Quantity | Type | | R410A | R410A | R410A | R410A | R410A |
| | Charged volume | kg | 1,24 | 1,70 | 2,10 | 3,00 | 3,50 |
| Design pressure (H/L) | | MPa | 4.15/1.6 | 4.15/1.6 | 4.15/1.6 | 4.15/1.6 | 4.15/1.6 |
| Refrigerant piping | Liquid side/ Gas side | mm(inch) | Φ6.35/Φ12.7(1/4'/1/2') | Φ9.52/Φ15.88(3/8'/5/8') | Φ9.52/Φ15.88(3/8'/5/8') | Φ9.52/Φ19.05(3/8'/3/4') | Φ9.52/Φ19.05(3/8'/3/4') |
| | Max. pipe length | m | 30 | 30 | 30 | 50 | 50 |
| | Max. difference in level | m | 15 | 15 | 15 | 30 | 30 |
| Ambient temperature | Cooling | °C | -15 - 48 | -15 - 48 | -15 - 48 | -15 - 48 | -15 - 48 |
| | Heating | °C | -10 - 24 | -10 - 24 | -10 - 24 | -10 - 24 | -10 - 24 |
| Qty'per 20' /40' /40'HQ | | Indoor+Outdoor | 62/130/158 | 40/78/88 | 30/60/72 | 24/47/47 | 24/47/47 |

FEATURES



18k

New design of the vortex fan.



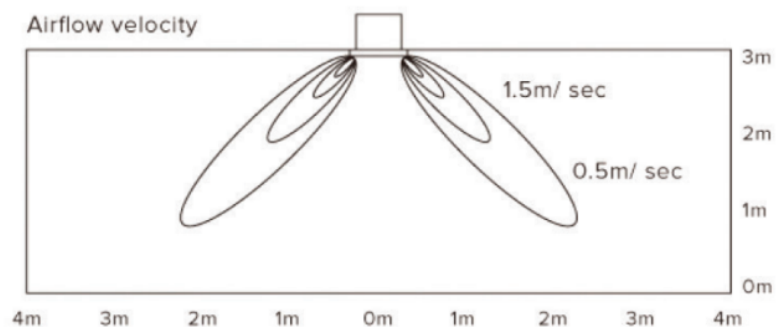
24k/ 36k/ 48k/ 60k

The new vortex fan optimizes airflow to lower noise levels and provides a smoother airflow.



DC Fan Motor

24k/36k/48k/60k: The DC fan motor gives you higher efficiency and energy savings. AC motors produce low frequency noise during operation but the DC motor eliminates this altogether for quieter and stable operation.



Temperature Compensation of Cassette

Dip switch compensation switching allows for a more comfortable real feel at ground level. Hot air rises during heat operation therefore the room temperature sensor needs to compensate for this and off-sets the sensors through dip switch adjustment.