

SH-SERIES TECHNICAL SPECS

| | | ALASKA-09ACS | ALASKA-12ACS | ALASKA-18ACS | ALASKA-24ACS | |
|-----------------------------|------------------------------------|-------------------------------|------------------------|---------------------|-------------------------|-------------------------|
| Power supply | | 1Ph / 170-260V/50Hz | 1Ph / 170-260V/50Hz | 1Ph / 170-260V/50Hz | 1Ph / 170-260V/50Hz | |
| Cooling | Capacity Btu/h | 9000 | 12000 | 18000 | 24000 | |
| | W | 2350W | 3050 | 4900 | 5950 | |
| | Input W | 900 | 1150 | 1850 | 2255 | |
| | Rated current A | 4.22 | 5.39 | 8.67 | 10.57 | |
| | EER | 2.61 | 2.65 | 2.65 | 2.64 | |
| Heating | Capacity | 9000 | 12000 | 18000 | 24000 | |
| | W | 2400W | 3150 | 4800 | 5950 | |
| | Input W | 850 | 1165 | 1800 | 2245 | |
| | Rated current A | 3.98 | 5.46 | 8.43 | 10.52 | |
| | COP | 2.82 | 2.70 | 2.67 | 2.65 | |
| Compressor | Type | Rotary | Rotary | Rotary | Rotary | |
| | Brand | GREE | GREE | GREE /GMCC | GREE /GMCC | |
| | Capacity | 2300 | 3160 | 5100 | 6600 | |
| Indoor unit | Indoor fan motor | Output Power W | 13 | 21 | 25 | 50 |
| | | Capacitor Ω | 1.5 | 1.5 | 1.5 | 3.0 |
| | | Speed (Hi/Mi/Lo) | 1200/1150/1000/900/800 | 1300/1200/1100/1000 | 1300/1200/1100/1000/800 | 1300/1200/1100/1000/800 |
| | Indoor coil | Number of row | 1 | 1 | 2 | 2 |
| | | Fin material | Hydrophilic | Hydrophilic | Hydrophilic | Hydrophilic |
| | | Tube outside dia.and material | φ7, inner Grooved | φ7, inner Grooved | φ7, inner Grooved | φ7, inner Grooved |
| | Indoor air flow (Hi/Mi/Lo) | | 500/400/320 | 600/550/480 | 700/600/550 | 1050/950/800 |
| | Rated input Power(cooling/heating) | | 30 | 35 | 50 | 80 |
| | Noise level(Hi/Mi/Lo) dB | | 37/34/32 | 39/37/34 | 45/42/39 | 47/45/43 |
| | Unit dimension (W*H*D) mm | | 720X292X190 | 800X292X190 | 850X292X190 | 970X310X230 |
| Packing (W*H*D) mm | | 785×335×240 | 865×335×240 | 915×335×240 | 1035×380×310 | |
| Outdoor unit | Outdoor fan motor | Output Power W | 20 | 25 | 25 | 50 |
| | | Capacitor Ω | 2.5 | 2.5 | 2.5 | 2.5 |
| | | Speed (Hi/Mi/Lo) | 895±30 | 860±30 | 860±30 | 860±30 |
| | | Tube outside dia.and material | φ7, Inner Grooved | φ7, Inner Grooved | φ7, Inner Grooved | φ9.52, Inner Grooved |
| | Outdoor coil | Fin material | Hydrophilic | hydrophilic | Hydrophilic | Hydrophilic |
| | | Tube outside dia.and material | φ7, Inner Grooved | φ7, Inner Grooved | φ7, Inner Grooved | φ9.52, Inner Grooved |
| | Unit dimension (W*H*D)mm | | 600×232×500 | 700×256×551 | 760×256×551 | 820×597×330 |
| | Packing (W*H*D)mm | | 745×335×550 | 810×355×595 | 870×355×595 | 945×670×430 |
| | Noise level dB | | 45 | 47 | 49 | 51 |
| | Net weight KGS | | 26 | 28.5 | 38.5 | 50 |
| Gross weight KGS | | 29 | 31.5 | 41.5 | 57 | |
| Refrigerant type | | R410A | R410A | R410A | R410A | |
| Refrigerant pipe | Liquid side mm | φ6 | φ6 | φ6 | φ6 | |
| | Gas side mm | φ9 | φ9 | φ12 | φ15.88 | |
| | Max. refrigerant pipe length m | 10 | 10 | 10 | 15 | |
| | Max. difference in level m | 5 | 5 | 5 | 10 | |
| Operation temperature range | | -7℃-43℃ | -8℃-43℃ | -8℃-43℃ | -8℃-43℃ | |
| Ambient temperature range | | -7℃-48℃ | -8℃-48℃ | -8℃-48℃ | -8℃-48℃ | |
| Application area MM2 | | 10-20 | 13-27 | 20-40 | 30-55 | |