



ALUMINUM ALLOY CASTING

ADC-12

- Details of contents : Si 9.6 ~ 12.0, Fe 1.3MAX, Cu 1.5~3.5, Mn 0.5MAX, Al Bal °
- Proper environment : In-air heating at low temperature ° Casting heaters ° Caulking heaters °
- Limit service temperature(UL) : 260°C or less °

Features

- Bundy heaters (copper-plated steel pipes) are used for casting °
- Aluminum-pipe heaters are used for caulking °
- Casting surface is beautiful and allows minute processing due to die casting °
- Aluminum surface may be painted °

Application examples

- Irons, hot plates, steam ovens, rice cookers, humidifiers, and ice makers
- etc

Precautions

- These heaters may have some pinholes since they are die-cast products
- White rust may form on the surface if the heaters are used in hot, moist conditions

Gravity

AC2B

- Details of contents : Si 0.6MAX, Fe 0.7MAX, Cu 0.05~0.2, Mn 1.0~1.5, Al Bal
- Proper environment : Air heating at low temperature, Casting heaters, Caulking heaters
- Limit service temperature(UL) : 260°C or less

Features

- Bundy (copper-plated steel pipes) are used for casting heaters
- Aluminum-pipe are used for caulking heaters
- These heaters have few pinholes than die-cast products
- Aluminum surface may be painted

Application examples

- Hot plates, rice cookers, humidifiers and ice makers
- etc

Precautions

- These heaters have coarse surface and are not applicable to minute shape processing since they are gravity-cast products
- They are prone to white rust on the aluminum surface when they are used in hot and humid conditions