



ATC A01 Apartment Intercom Amplifier Instruction Manual

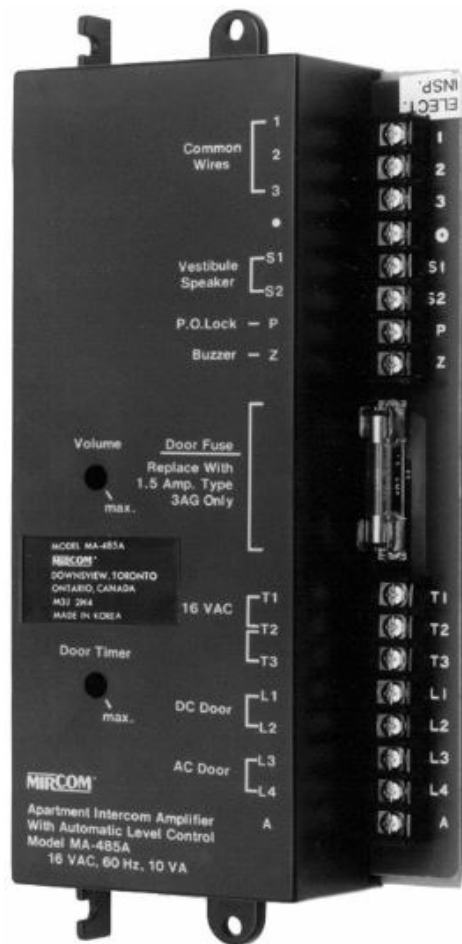
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ATC A01 Apartment Intercom Amplifier



Product Information

- **Manufacturer:** Applied Thermal Control Ltd
- **Address:** 39 Hayhill Industrial Estate, Barrow-upon-Soar, Loughborough LE12 8LD, United Kingdom
- **Phone:** +44 (0) 1530 839 998
- **Email:** Service@thermalexchange.co.uk , Support@app-therm.com
- **Date:** 11/MAR/2022
- **Author(s):** MJH
- **Revision:** 1

Product Specifications:

- **CAD assembly** dwg no.
- **Physical dimensions:** W180 x D435 x H380mm
- **Construction:** Sheet steel gauge 1.5mm, Epoxy polyester powder coat
- **Mounting type:** Rubber feet
- **Acceptable environment:** Indoors
- **Weight:** 10kg
- **Noise level:** 54 dB(A)@1m
- **Toolless access:** None, continuous fan
- **Technology:** Optional PID of fan
- **Control method:** Load & ambient dependent
- **Temperature stability**

- Cooling capacity with 'setpoint': 0.5kW, 1kW, 2kW
- Maximum THR (Total Heat Rejection)
- Maximum permissible return line temperature
- System volume
- **Pump options:** PC3, PC6 (032, 061)
- **Pressure relief:** Optional Pushfit 12mm
- **Standard fittings:** Tap water, water-glycol mix
 - Standard chemical compatibility
- **1st party approvals:** CE, UKCA
- **3rd party approvals:** UL-ready
 - Empty fluid reservoir alarm
 - Low fluid flow alarm
 - Temperature display
 - Temperature out of range alarm
 - Motor thermal overload

Safety Notices:

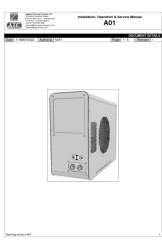
- **Caution;** Failure to comply with a caution will invalidate product warranty and absolve ATC from any liability, howsoever caused, and could result in permanent damage to equipment
- **Caution;** Filling/topping up of the tank should only be undertaken with the unit switched off, to prevent back-filling of the fluid.
- **Caution;** This product contains no user-serviceable parts. Repair and service requires specialized knowledge and tools to be provided by ATC or its local agent. Any unauthorized tampering with the heat exchanger system automatically invalidates warranty.

Product Usage Instructions

1. **Mounting:** Place the product on a flat surface with rubber feet for stability.
2. **Environment:** Ensure the product is used indoor in an acceptable environment.
3. **Power:** Connect the product to a power source using the appropriate voltage and current specifications.
4. **Access:** The product does not require any tools for access. It has a continuous fan for cooling.
5. **Control:** Use the load and ambient conditions to control the temperature settings.
6. **Cooling Capacity:** The product has different cooling capacities depending on the setpoint: 0.5kW, 1kW, or 2kW.
7. **Fluid:** Use tap water or water-glycol mix as the fluid for the system. Ensure proper chemical compatibility.
8. **Alarms:** The product has alarms for an empty fluid reservoir, low fluid flow, temperature out of range, and motor thermal overload.
9. **Safety:** Comply with all safety notices provided to avoid warranty invalidation and equipment damage.
10. **Service:** Do not attempt to repair or service the product yourself. Contact ATC or its local agent for specialized knowledge and tools required for repair and service.

Note: For detailed installation, operation, and service instructions, refer to the complete user manual provided by Applied Thermal Control Ltd.

Documents / Resources

	<p>ATC A01 Apartment Intercom Amplifier [pdf] Instruction Manual</p> <p>A01 Apartment Intercom Amplifier, A01, Apartment Intercom Amplifier, Intercom Amplifier, Amplifier</p>
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References

- [T Therm Inc.](#)
- [ATC Applied Thermal Control | Recirculating Chiller Specialists](#)
- [ATC Warranty Registration](#)