Microwave

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 TODO: This page needs to be completed.

Microwave - Residential Microwave (explicit model)

Synopsis

```
object microwave {
        // residential_enduse properties
        shape "type: unknown";
        load "power_factor: 0.000000; power.r: 0.000000";
        energy +0+0i kVAh;
        power +0+0j kVA;
        peak_demand +0+0i kVA;
        heatgain +0 Btu/h;
        cumulative_heatgain +0 Btu;
        heatgain_fraction +0 pu;
        current_fraction +0 pu;
        impedance_fraction +0 pu;
        power_fraction +0 pu;
        power_factor +0;
        constant_power +0+0j kVA;
        constant_current +0+0i kVA;
        constant_admittance +0+0i kVA;
        voltage_factor +1 pu;
        breaker_amps +0 A;
        configuration IS110;
        override NORMAL;
        power_state OFF;
        // microwave properties
        installed_power +0 kW;
        standby_power +0 kW;
        circuit_split +0;
        state OFF;
        cycle_length +0 s;
        runtime +0 s;
        state_time +0 s;
}
```

See also

- Residential module
    - User's Guide
    - Appliances
    - house class – Single-family home model.
    - residential_enduse class – Abstract residential end-use class.
    - occupantload – Residential occupants (sensible and latent heat).
    - ZIPload – Generic constant impedance/current/power end-use load.
- Technical Documents
    - Requirements

- Specifications
- Developer notes
- Technical support document
- Validation

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