

## Damper Tree

Art. No. - 100316, 100317, 100318, 100319

100316 - Damper Tree 6"

100317 - Damper Tree 7"

100318 - Damper Tree 8"

100319 - Damper Tree 10"

### ABOUT THE PRODUCT

By integrating the Damper Tree you can connect your HVAC System to your Loxone Miniserver.

Get a fully-fledged self-learning and easy to use heating and cooling control. It gives you the perfect temperature throughout the day – while keeping the energy bills low.

### INSTALLATION

The installation of this device must be carried out by a qualified individual. The device must also be fitted in accordance with building regulations for electrical and fire safety. If the device is not installed according to manufacturer's guidelines the warranty of the device may be affected. Install the damper between the ventilation ducts and fix them with a considering tape which is certified to be used in that kind of installation. Connect 24VDC and Tree communication to the Damper Tree. Once connected power up the device and configure it in the usual easy way using Loxone Config.

### SPECIFICATIONS

#### Connection

Wire Diameter: 0,25 ... 0.8mm<sup>2</sup> / AWG18 ... 23

Exposed Wire Length: 5mm / 13/64"

#### Technical Specification

Pipe Diameter: 6", 7", 8", 10" available, other sizes on request

Power Supply: 15 ... 30VDC

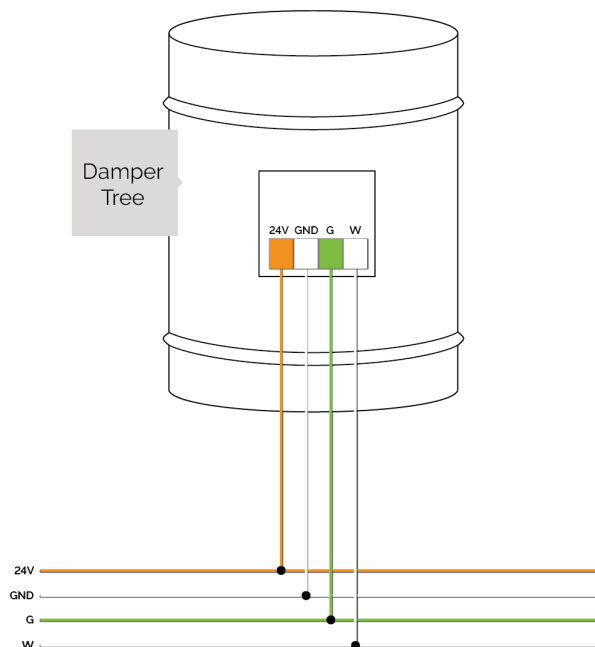
Power Consumption: 0.2W, max. 2.3W (when motor is driving)

Ambient Temperature: 0 ... 55°C / 32 ... 131°F

Safety Rating: IP20

### FEATURES

- Each room at right temperature
- Individual heating and cooling schedules
- Presence-based Autopilot heating & cooling
- Easy installation



#### LED Indicator:

RED steady blinking (ca.0.5s on; 0.5s off): **No Tree**

communication possible, please check the wiring  
 ORANGE steady blinking (ca.0.5s on, 0.5s off): **Device is connected properly, but not paired with the Miniserver**  
 GREEN 3x short flashes: **Device is paired, communication OK**

RED flashing (ca. 1Hz): **Online, Damper > 75% open**

ORANGE flashing (ca. 1Hz): **Online, Damper between 25% - 75%**

GREEN flashing (ca. 1Hz): **Online, Damper < 25% open**