# Devices compatible with the Orisha automation system

## Furnaces

Most of the ON/OFF type furnaces are compatible with the Orisha system.

Unfortunately, Orisha cannot activate variable setting devices such as 0 - 5 V / 0 - 20 mA. A furnace has to be able to be activated by a 24V signal in order to be activated by Orisha. To turn on furnaces that can only be activated by 110V or 240V, you have to add an additional relay (sold separately).

## Side openings

**Compatible motors**
Kingzo GMD100

Or

Any **24 V DC** motor with a power output of **100 W or less** activating sides of **150 ft. or less.**

**Compatible power boxes (inverter):**
Power box (inverter) activated by a signal of **24 V or less with an inrush current of 200 mA or less**. You might need a transformer to power contactors on a power box. To get an Orisha inverter for your sides of more than 150 ft., contact us.

# Opening roofs

**Compatible motors:**
Ridder RW240 motor (1 phase version, 5 wires only)

**Compatible power boxes (inverter):**
Ridder MotorControl RMC400 control unit

Any Power box (inverter) activated by a signal of **24 V or less with an inrush current of 200 mA or less**. You might need a transformer to power contactors on a power box.

**Others:**
Contact us to inquire about the compatibility of your device.

# Fans (exhaust fans, HAFs)

Any **1 phase, 110 V 1,5 HP or less** or **1 phase, 240 V 3 HP or less**

Other types of vents can be activated on demand.

It is also possible to plug two vents on the same automation. For example, if you have two positive pressure vents in the same greenhouse, you can activate them simultaneously by plugging them on the same relay. Their combined power must not be over **1,5 HP at 110 V** or **3 HP at 240 V.**

**Compatible contactors:**
Contactor activated by a signal of **24 V or less with an inrush current of 200 mA or less**.

# Valves

Any valves of **24 V AC or less with a holding current of 200 mA or less**.

# Thermal screens

**Compatible power box (inverters):**
Powerbox (inverter) activated by a signal of **24 V or less with an inrush current of 200 mA or less**. You might need a transformer to power the contactors on a power box.

# Lighting

**Compatible lighting**
Contactor activated by a signal of **24 V or less with a holding current of 200 mA or less.**