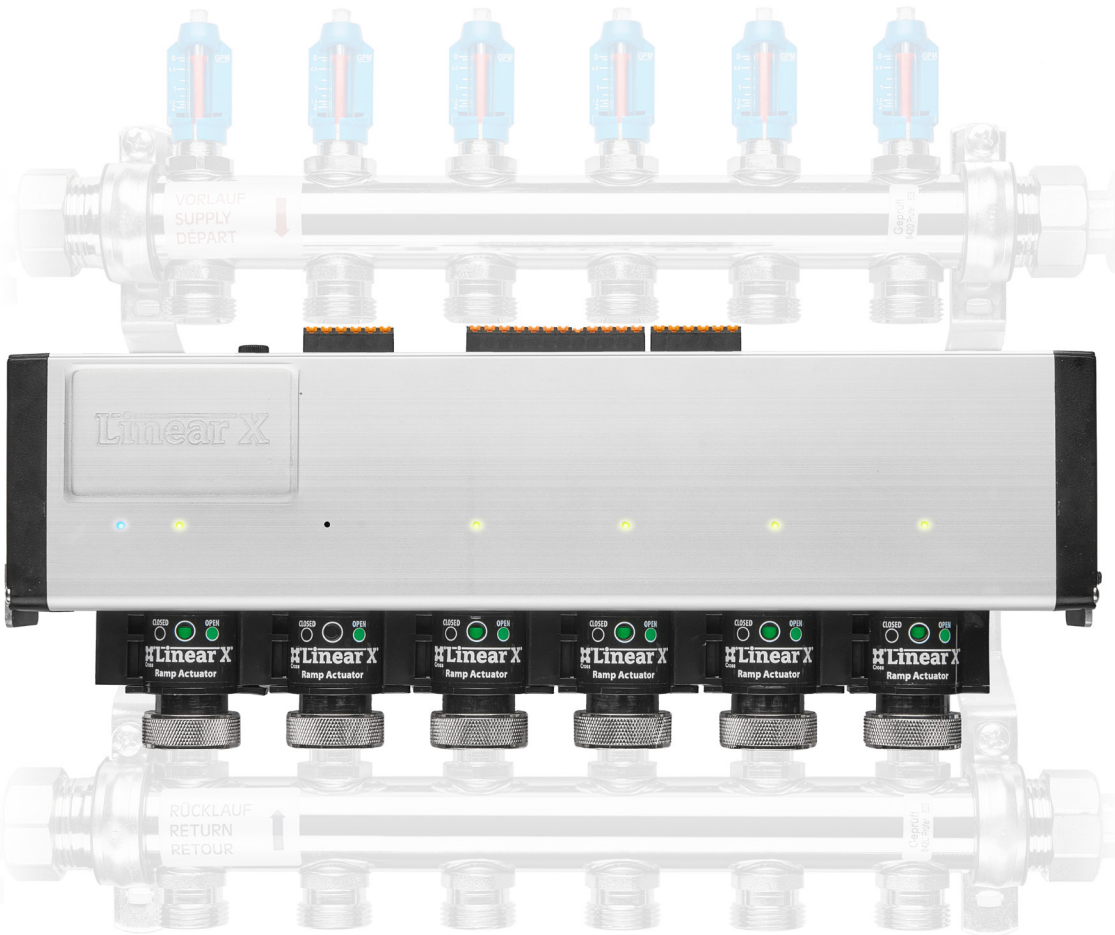




# Linear X™

## Manifold Operating System



[Linear-X.com](http://Linear-X.com)

## Operational Advantages

- Quick and quiet operation
- Energy saving on/off technology
- Open valve or valves activate end switch
- Valve indication open/closed
- Stuck or jammed valve indicator (flashing green light)
- Compatible with all heating and cooling temperatures

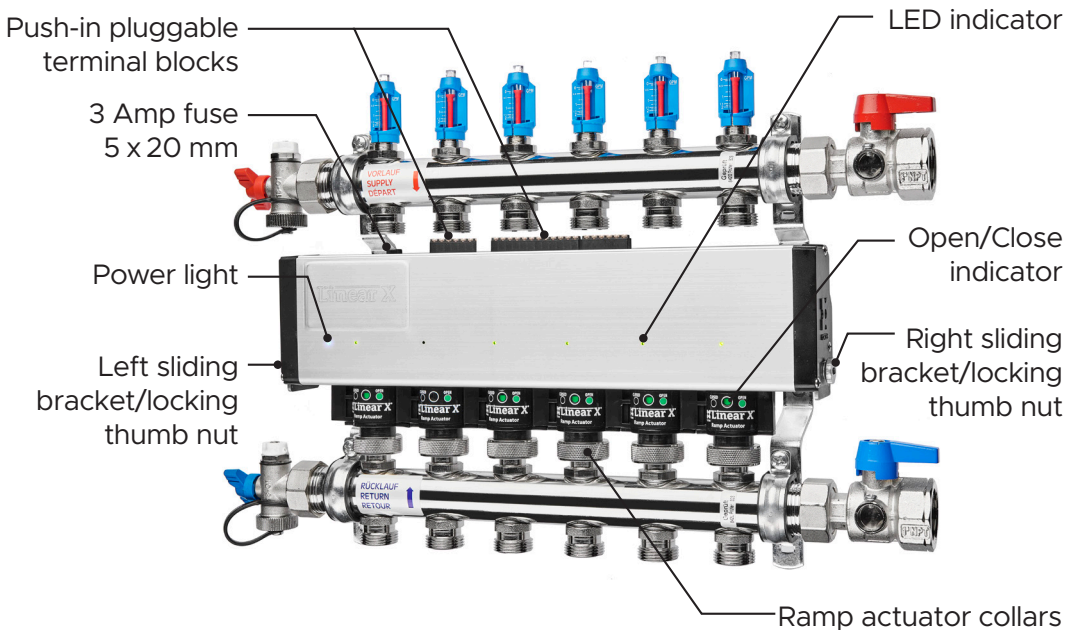


## Installation Advantages

- Plug and play easy installation, installs in minutes!
- Push in wiring terminals
- Pluggable terminal blocks
- Optional manual valve actuation

**Installs in minutes**

## Product overview

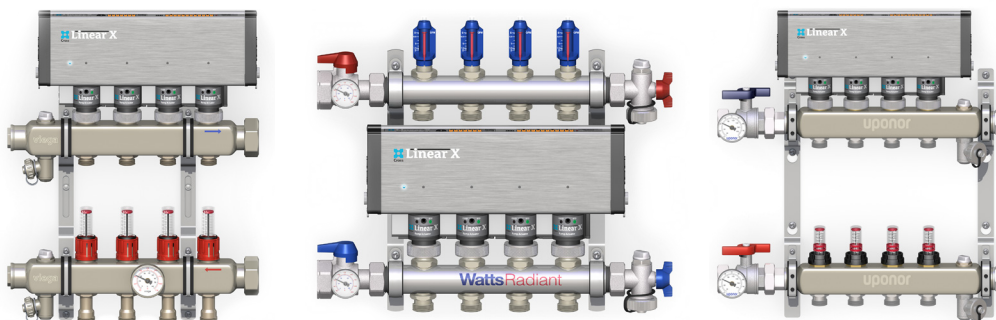


**Patented Technology**

# ON / OFF Technology

Linear-X powers off after valves are quickly and quietly opened or closed, saving up to 99% of the energy used with standard thermal actuators.

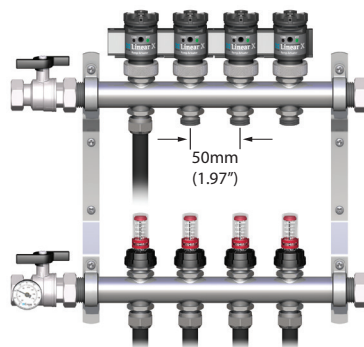
## Compatible with most Manifolds



## Linear X<sub>4</sub>



Works with manifolds using 50mm or 2" branch spacing.

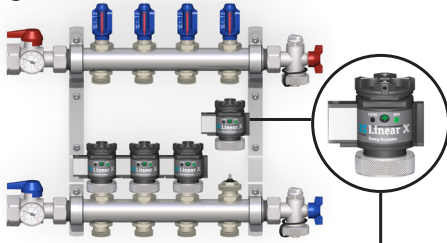


Linear-X is available in sizes  
4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12

# Linear X Installation

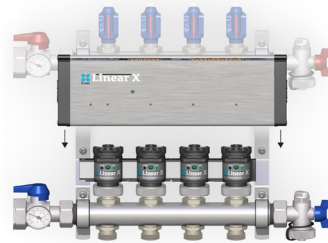
Out of the box Linear-X is pre-attached to the Ramp Actuators and can be installed by simply tightening the Ramp Actuator collars to the manifold.

1. Attach the Ramp Actuators to the return valves, ensure collars are tight and the Ramp Actuators are aligned.

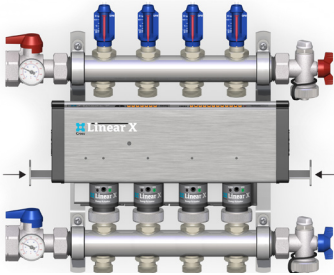


Attach Ramp Actuators in open position.

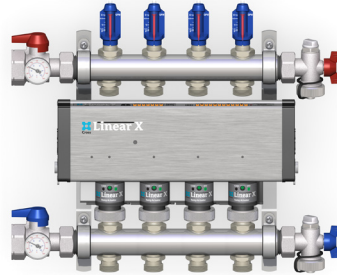
2. Attach Linear-X into the Ramp Actuators front lower groove.



3. Slide L / R brackets into the Ramp Actuators upper grooves.



4. Secure Linear-X locking brackets with thumb nuts on each L / R end.



## Linear X

24VAC System  
External Transformer / Relay

