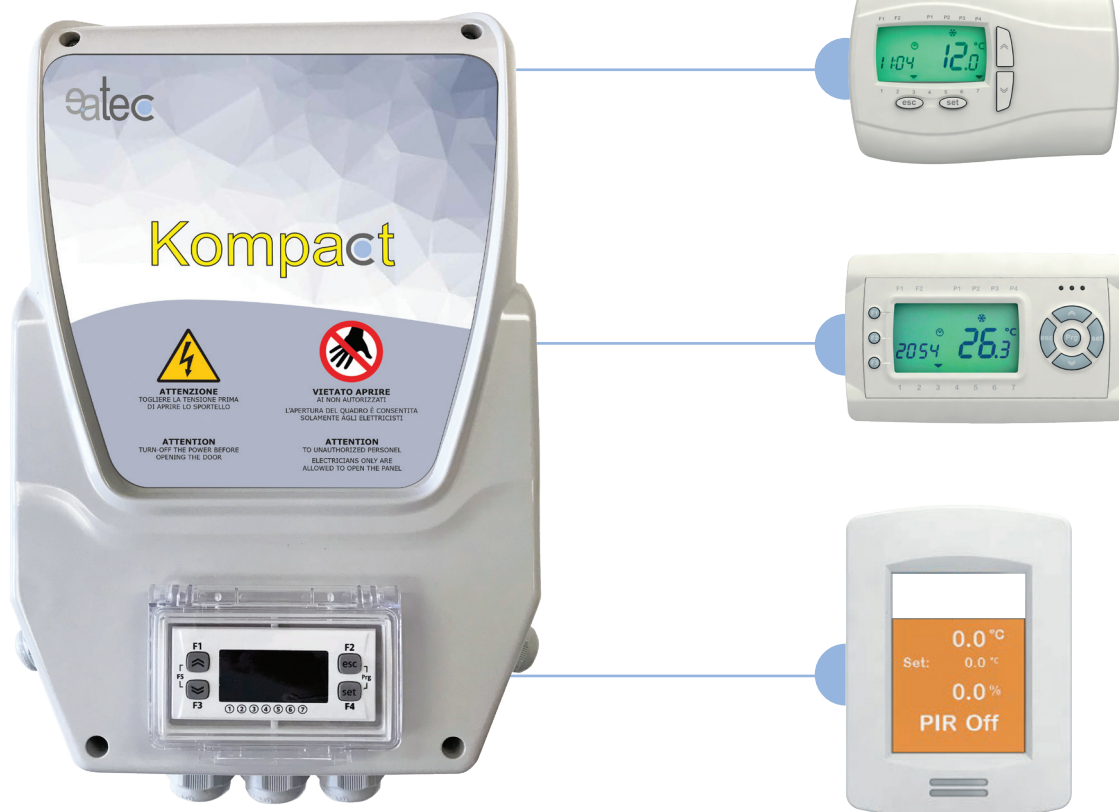


# Compact solution for AHU

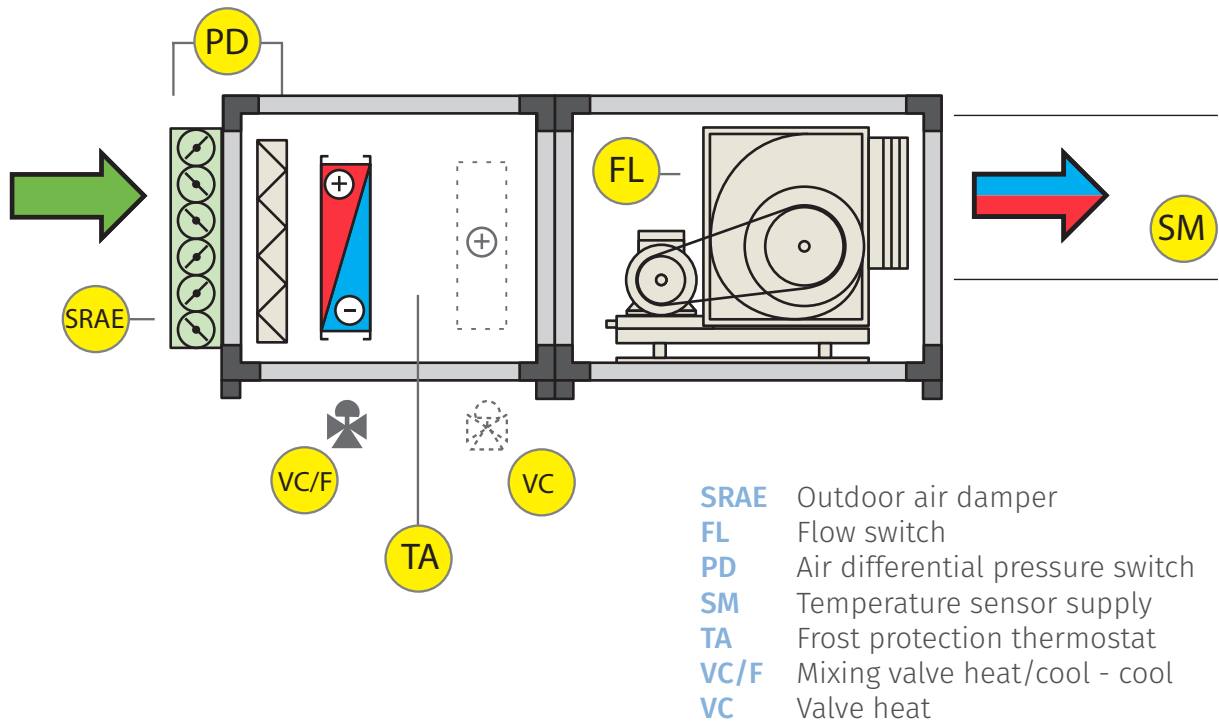


**Kompact is Eatec's compact solution for controlling small air handling units.**

A small electrical panel in a IP54 plastic housing including: a PLC NKP 5500, a three-phase power contactor max 5,5 kW and fuse protections.

There are 2 types of remote panels with LCD display available, wall-mounted (NKW 5522), panel (NKP 5522) or touch panel to 3,5" (NKP1100).

The parameter setting is user friendly.



## TECHNICAL FEATURES

- Single-phase or three-phase version with 1 internal contactor to 5,5 kW.
- Fuse base for motor protection.
- 4 analog inputs: air sensor supply, frost protection sensor, return or room sensor from optional remote panel.
- 3 analog outputs 0...10 Vdc and 1 for EC motors or inverters, 2 for hot-cold water heat register.
- 4 digital inputs: pressure switch, flow switch, engine block, frost protection thermostat optionally.
- 5 digital outputs: supply engine gear, heating or cooling, outdoor air damper.
- Removable user interface (max 40 m LAN) NKW5522 / NKP5522 or by 4,3" touch screen.
- Integration with ModBus.

## FUNCTION

- Power handling by a single-phase or three-phase motor through a single 5.5 kW contactor.
- Variable supply speed at 4 steps (0-30-60-100%).
- Temperature control: up to 2 modulating valves (0 ... 10 Vdc) and 1 on-off damper.
- Room or supply temperature control.
- Frost protection function with NTC sensor or optional thermostat.

| Models | Power supply | Power        |
|--------|--------------|--------------|
| KCU1   | single-phase | up to 5,5 kW |
| KCU2   | three-phase  | up to 5,5 kW |