

Control possibilities

External:

- **0-10 volts:**

Connect to TB2: 10V 2, 0V 1.

Operation:

1-3 volts: 30%

4-7 volts: 60%

8-10 volts: 100%

Dip switch setting: DS1 1 ON, 2 ON, 3 ON, 4 OFF

- **Modbus / Bacnet via rs485:**

Connect to TB1.

Dipswitch DS2, 8 on ON. With multiple units, change the dipswitches for each unit so each unit has a unique address. See manual bacnet / modbus control.

- **On / off user enable - T1 sensor = limiter:**

Connect to TB3.

Potential-free contact.

Operation: external signal indicates On / Off. In "On" the unit will work to the maximum RH% of the duct sensor, 78%. When this is reached the unit will switch off until the RH increases below 78%

- **External hygrostat or thermostat:**

Connect to TB7, cool: 1 + 2, humidifier: 1 + 4. If it is a Direct then also connect to 3.

Operation: each hygrostat or thermostat can be connected to the unit and will therefore operate, with the setpoints of the duct sensor (T1; 78%, 18C) being the limiter.

Dip switch setting: DS1 1 ON, 2 ON, 3 ON, 4 OFF

Internal:

- **T8 Return duct sensor RV% / T:**

Connect the duct sensor to TB9 and install it in the return air duct before the heat recovery.

Operation: the duct sensor measures the RH% in the return air duct and if it is below the standard setpoint the unit will function. The control panel can be used for values and alarms to read, but the unit does not respond to the measured values on the display of the control panel.

When to use: if the contact between the unit and the control panel is lost.

- **T3 Outside temperature sensor- T1 sensor = limiter:**

Connect to TB12 and install T3 sensor in the supply duct of the outside air.

Operation: as soon as the sensor measures the temperature below 12 degrees, the unit will work to the maximum RH% of the duct sensor, 78%. When it is reached the unit will switch off until the RH% drops below 78%.

Dip switch setting: DS1 1 ON, 2 ON, 3 ON, 4 ON

When to use: if a control panel is not desirable / possible.

Alarm LED	Display Tekst	Meaning	Action
Alarm LED on	<i>M OFF</i>	Contact main enable broken, unit switches off	Restore contact main enable, see wiring diagram
Alarm LED blinks 3 times	<i>SENSUP</i>	Contact with SHC80 sensor broken	Check SHC80 wiring and if necessary repair, check that the light on SCH80 sensor flashes regularly, if not replace faulty sensor.
Alarm LED blinks 5 times	<i>OUTDEF</i>	T3 sensor outside air faulty	Check wiring for break or wear, in case of doubt replace. Testing can be done by keeping the sensor at 8°C or colder in water or air; the Evap must then be activated because the water valve opens.
Alarm LED blinks 9 times	<i>WATER</i>	No rise of RH in duct	<p>Check that the water tap is open</p> <ul style="list-style-type: none"> If tap is open and there is a demand (outside air below 12°C) disconnect the black hose on top on the knee joint and activate the water valve by switching the voltage off and back on again, water should now come out of the hose; if valve does not respond, replace valve. <p>If valve is working and matrix material does not get wet after switching, then the LegioSafe filter is blocked and must be replaced. Order product code 351025 from your dealer.</p>
Alarm LED blinks 11 times	<i>NOAIR</i>	No airflow Cooler	Check if HRAV is working
Alarm LED blinks 13 times	<i>NOCOOL</i>	No water Cooler	<p>Check that the water tap is open.</p> <ul style="list-style-type: none"> If the faucet is open and there is a demand (for the combination comfort outside temperature must be below 12 ° C) disconnect the black supply hose from the knee on the unit, and reset the unit by plugging the plug in and plugging it in again. ; if water comes out and the water valve does not respond, the water valve is defective, replace the water valve. Does the water valve work and the matrix does not get wet after the valve has switched, then the legionella filter is clogged; replace the cassette.
Alarm LED blinks 15 times	<i>HEATER</i>	Heating faulty	Check air temperature after the humidifier, this must be >8°C, if not air heater is faulty. Call installer for replacement.
Alarm LED blinks 17 times	<i>AIRFLW</i>	No airflow	Check if HRV is working.
Alarm LED blinks 19 times	<i>T2Def</i>	T2 sensor outside air faulty	Check wiring for break or wear, in case of doubt replace. Testing can be done by keeping the sensor at 8°C or colder in water or air; the Evap must then be activated because the water valve opens.
Service LED continuously on	<i>Service</i>		The cassette must be replaced

