

Alarms on Ensy AHU units_Troubleshooting					
No.	Failure/Alarm	Description of failure	Possible causes	Troubleshooting / Repair method	Obs.
1	Nothing displayed on control panel. (blank)	Unit is not working.	1. Lack of power (230V) , Yellow LED on main board is off. 2. Supply cable is damaged. 3. No connection from supply cable to main board. 4. No connection from control panel to the man control board. LED on main control board is blinking fast.	1. Check if power is present in the wall socket. 2. Replace supply cable(art. 320000-2). 3. Remake the connection/ replace the cable from main board to supply cable. 4. Repair or replace cable that is damaged.	
Critical alarms. Red flashing lights in the control panel					
2	NO: Motorvern tilluft GB: (Motor protection Supply)	Unit is stopped, control panel is functional. Heating element (EV) and rotary exchanger (RO) is turned off. UTA and UTT turns off after 1 min.	1. Absence of signal from the fan 2. Motor fault 3. Relay board fault	1. Check connections, cables and connectors from TV motor. 2. Replace the motor (Fans turned off and on) see Obs. for type of motor. 3. Replace the relay board (art. 370200-2)	Motors: AHU 200-300-350-400 (art. 340130-2) AHU 700 (art. 340134-2)
3	NO: Motorvern avtrekk GB: (Motor protection Extract)				
4	NO: Sensor AT brudd GB: (Sensor AT open)		1. Short circuit or breach of cable. 2. No connection to relay board. 3. Relay board fault.	1. Replace the sensor including the cable. 2. Check connection to relay board. 3. Replace the relay board (art. 370200-2) Automatic reset after replacement	Check the lenght of the broken sensor and the type of the unit for a correct selection of the sensor.
5	NO: Sensor OET brudd GB: (Sensor OET open)	The bell sign showing the sensor broken. All functions are deactivated			
6	NO: Overoppfetting GB: (Overheating)	Heating element (EV) turns off	1. Overheating of the EV, temperature is heighter then 55°C	1. Automatic reset after the temperature lowers and reaches 25°C (on older versions 20°C) In the program version. 034 or higher: If the temperature in sensor OET is heighter then 55°C after the fans have been stopped "OFF", the fans will go to the programmed MIN speed and cool the heating element and stop when OET reaches 25 °C.	This may happen if the unit is set to "OFF" when changing the filter and the element is activated.
7	NO: Branntermostat GB: (Fire thermostat)	Unit is stope, control panel is functional. All functions are stopped. Fire thermostat open contact between BT and GN on relay board.	1. Temperature over thermostat exceeded 110°C.	1. Check unit for damages made by heat. Replace damaged components. 2. Manual reset of the fire thermostat. Automatic reset after replacements and manual reset.	Reset button inside unit. Remove front hatch. Red reset button marked with dataplaque.
8	NO: Lav nettspenning GB: (Low voltage)	No connection from control panel to the master control board. LED on main board is blinking fast. All functions are deactivated	1. No connection or bad connection from control panel to the master control board.	1. Locate which cable is damaged or has bad contact. Unplug and plug in to see if helps. If one of cables are damaged then replace it.	
		Voltage drops below 200 V. All functions are deactivated	1. Problems in the electrical network.	1. Check electrical supplier for details. Unit is going to reset automaticaly after voltage rises to 212 V.	

Less critical alarms. Yellow flashing lights in the control panel					
9	NO: Sensor EAT brudd GB: (Sensor EAT open)	The bell sign showing the sensor broken. All functions are deactivated	1. Short circuit or breach of cable. 2. No connection to relay board. 3. Relay board fault.	1. Replace the sensor including the cable. 2. Check connection to relay board. 3. Replace the relay board (art. 370200-2). Automatic reset after replacement	Check the lenght of the broken sensor and the type of the unit for a correct selection of the sensor to be ordered.
10	NO: Sensor AVK brudd GB: (Sensor AVK open)				
11	NO: Sensor UTE brudd GB: (Sensor UTE open)				
12	NO: Rotorfeil GB: (Rotor fault)	RO turns off. Efficiency below 20% longer than 10 minutes on mastercard version .024, 030 or 031. Efficiency below 20% longer than 10 hours on mastercard version .033, 034 or highter.	1. Extract motor is stopped. 2. No power to the RO. 3. Relay board fault. 4. No signal to KV when cookerhood is in use. 5. Broken drive belt on rotory exchanger. 6. Broken vibration damper(s)	1. Check extract motor. 2. Check connections, cables and connectors from RO to relay board. 3. Replace the relay board (art. 370200-2). 4. Make signal to KV when cookerhood is activated. 5. Replace drive belt. 6. Replace with new rotor exchanger.	Fans needs to be turned "OFF" and on to reset alarm.
13	NO: Frostalarm GB: (Frost alarm)	Ventilation unit stops.	1. The unit stops if supply air from unit is lower than 5°C.	Automatic start of unit when supply air temperature is heighter than 9°C. How to get reed of the alarm bell in display: In Alarm menu. Press button 4 (enter) two times.	The unit needs software .021 and .034 or newer to get this alarm
14	NO: Filterbytte GB: (Filter change)	Alarm noticing the need of filter replacement.	1. The period of use for the filters is expired.	1. Replace the filters according to unit type. Press filter OK in menu "4.3 Filter" when filters are replaced.	See user manual.