

Example Error / Fault Codes on Nibe Systems

Error Code	Description	Error Code	Description
[1] Sensor BT1	Sensor not connected/defective	[40-42] Compressor Phase 1 / 2 / 3	Compressor has been below 160v for more than 30 mins
[2] [3] Sensor BT2 / BT3	Sensor not connected/defective [heating return]	[43] Phase Sequence	Phases connected incorrectly
[6] [7] Sensor BT6 / BT7	Sensor not connected/defective [hot water]	[44] Overheat Softstart	Fuses on soft start are faulty
[10] Sensor BT10	Sensor not connected/defective [brine in]	[50] HP	High pressure switch triggered repeatedly
[11] Sensor BT11	Sensor not connected/defective [condenser out]	[55] Hot Gas	Temp has exceeded limit / Compressor Stopped
[12] Sensor BT12	Sensor not connected/defective [condenser rtn]	[57] Firmware	Unit serial no & firmware do not match
[16] Sensor BT16	Sensor not connected/defective [evaporator]	[60] Low HTF out	Temp of outgoing brine below set limit
[70] Perm Com Error	No communication with input / base card	[63] Low air flow	Air flow sensor BS1 detects low flow
[83] Unsuccessful Defrost	Defrost stop conditions not met / have been attempted three times	[64] Low exhaust	Exhaust temp below 16 *C for more than 60 mins
[162] High Condenser	Max temp reached	[67] Antifreeze protection	Supply air below 5 *C
[180] Freeze Prot	Outdoor temp below 3 *C – no heating permitted	[183] Defrosting	Defrosting in progress
[182] Load Monitor Active	One or more power steps cannot activate as phase too high	[203 / 204]	Permanent inverter Fault
[184] Filter Alarm	Filters require cleaning / replacement	[220] EB101	Flow issue. Potential blockage on system
[224] Fan Error	Outdoor unit reporting fan issue	[225] Flow / Return	Outdoor unit reporting issue with flow
[229] Compressor [Short Operation]	Compressor has stopped three times in a row	[294] Heatpump not compatible	Outdoor unit power supply off

