

## Panasonic Error Code

Diagnosis display = H00

Abnormality / Protection control = No abnormality detected

Abnormality Judgement =

Emergency operation = Normal operation

Primary location to verify =

Diagnosis display = H11

Abnormality / Protection control = Indoor / Outdoor abnormal communication

Abnormality Judgement = > 1 min after starting operation

Emergency operation = Indoor fan operation only

Primary location to verify = • Internal / external cable connections • Indoor / Outdoor PCB

Diagnosis display = H14

Abnormality / Protection control = Indoor intake air temperature sensor abnormality

Abnormality Judgement = Continue for 5 sec.

Emergency operation =

Primary location to verify = • Intake air temperature sensor (detective or disconnected)

Diagnosis display = H15

Abnormality / Protection control = Outdoor compressor temperature sensor abnormality

Abnormality Judgement = Continue for 5 sec

Emergency operation =

Primary location to verify = Compressor temperature sensor (detective or disconnected)

Diagnosis display = H16

Abnormality / Protection control = Outdoor Current Transformer open circuit

Abnormality Judgement =

Emergency operation =

Primary location to verify = • Outdoor PCB • IPM (Power transistor) module

Diagnosis display = H19

Abnormality / Protection control = Indoor fan motor mechanism locked

Abnormality Judgement = 7 times occurrence continuously

Emergency operation =

Primary location to verify = • Indoor PCB • Fan motor

Diagnosis display = H23

Abnormality / Protection control = Indoor heat exchanger temperature sensor abnormality

Abnormality Judgement =

Emergency operation = O (Cooling only)

Primary location to verify = • Heat exchanger temperature sensor (detective or disconnected)

Diagnosis display = H24

Abnormality / Protection control = Indoor heat exchanger temperature sensor 2 abnormality  
Abnormality Judgement = Continue for 5 sec.  
Emergency operation =  
Primary location to verify = • Heat exchanger temperature sensor (detective or disconnected)

Diagnosis display = H27  
Abnormality / Protection control = Outdoor intake air temperature sensor abnormality  
Abnormality Judgement = Continue for 5 sec.  
Emergency operation = O  
Primary location to verify = • Outdoor temperature sensor (detective or disconnected)

Diagnosis display = H28  
Abnormality / Protection control = Outdoor heat exchanger temperature sensor abnormality  
Abnormality Judgement = Continue for 5 sec.  
Emergency operation = O  
Primary location to verify = • Outdoor heat exchanger temperature sensor (detective or disconnected)

Diagnosis display = H30  
Abnormality / Protection control = Outdoor discharge air temperature sensor abnormality  
Abnormality Judgement = Continue for 5 sec.  
Emergency operation =  
Primary location to verify = • Outdoor temperature sensor (detective or disconnected)

Diagnosis display = H33  
Abnormality / Protection control = Indoor / Outdoor wrong connection  
Abnormality Judgement =  
Emergency operation =  
Primary location to verify = • Indoor / Outdoor supply voltage

Diagnosis display = H38  
Abnormality / Protection control = Indoor / Outdoor mismatch (brand code)  
Abnormality Judgement =  
Emergency operation =  
Primary location to verify =

Diagnosis display = H50  
Abnormality / Protection control = Ventilation motor abnormality  
Abnormality Judgement = 7 times occurrence continuously  
Emergency operation =  
Primary location to verify = • Indoor PCB • Ventilation motor

Diagnosis display = H51  
Abnormality / Protection control = Nozzle lock abnormality  
Abnormality Judgement = 2 times occurrence continuously

Emergency operation =  
Primary location to verify = • Nozzle

Diagnosis display = H52  
Abnormality / Protection control = Limit switch abnormality  
Abnormality Judgement =  
Emergency operation =  
Primary location to verify = • Indoor PCB

Diagnosis display = H97  
Abnormality / Protection control = Outdoor fan motor mechanism locked  
Abnormality Judgement = 2 times occurrence within 30 minutes  
Emergency operation =  
Primary location to verify = • Indoor PCB • Fan motor

Diagnosis display = H98  
Abnormality / Protection control = Indoor high pressure protection  
Abnormality Judgement =  
Emergency operation =  
Primary location to verify = • Air filter dirty • Air circulation short circuit

Diagnosis display = H99  
Abnormality / Protection control = Indoor heat exchanger anti-freezing protection  
Abnormality Judgement =  
Emergency operation =  
Primary location to verify = • Insufficient refrigerant • Air filter dirty

Diagnosis display = F11  
Abnormality / Protection control = Cooling / Heating cycle changeover abnormality  
Abnormality Judgement = 4 times occurrence within 30 minutes  
Emergency operation =  
Primary location to verify = • 4-way valve • V-coil

Diagnosis display = F90  
Abnormality / Protection control = PFC control  
Abnormality Judgement = 4 times occurrence within 10 minutes  
Emergency operation =  
Primary location to verify = • Voltage at PFC

Diagnosis display = F91  
Abnormality / Protection control = Refrigeration cycle abnormality  
Abnormality Judgement = 2 times occurrence within 20 minutes  
Emergency operation =  
Primary location to verify = • No refrigerant (3-way valve is closed)

Diagnosis display = F93

Abnormality / Protection control = Compressor rotation failure

Abnormality Judgement = 4 times occurrence within 20 minutes

Emergency operation =

Primary location to verify = • Compressor

Diagnosis display = F95

Abnormality / Protection control = Cool high pressure protection

Abnormality Judgement = 4 times occurrence within 20 minutes

Emergency operation =

Primary location to verify = • Outdoor refrigerant circuit

Diagnosis display = F96

Abnormality / Protection control = IPM (power transistor) overheating protection

Abnormality Judgement = 4 times occurrence within 30 minutes

Emergency operation =

Primary location to verify = • Excess refrigerant • Improper heat radiation • IPM (Power transistor)

Diagnosis display = F97

Abnormality / Protection control = Outdoor compressor overheating protection

Abnormality Judgement = 4 times occurrence within 10 minutes

Emergency operation =

Primary location to verify = • Insufficient refrigerant • Compressor

Diagnosis display = F98

Abnormality / Protection control = Total running current protection

Abnormality Judgement = 3 times occurrence within 20 minutes

Emergency operation =

Primary location to verify = • Excess refrigerant • Improper heat radiation

Diagnosis display = F99

Abnormality / Protection control = Outdoor Direct Current (DC) peak detection

Abnormality Judgement = 7 times occurrence continuously

Emergency operation =

Primary location to verify = • Outdoor PCB • IPM (Power transistor) • Compressor