

STF-03 OPERATION MODE

Climatix is configured to activate one or two potential free outputs when a selected operating condition is met.

There are several operating conditions to choose from, depending on the unit type:

For Envistar

Operation mode 1:

Article No.	Value	Condition Description
STF-03-A-1-01	Off	- unit is off (stand-by) time scheduler or equivalent
STF-03-A-1-02	On	- Unit is in normal operation (Comfort mode)
STF-03-A-1-03	Step 1	- Fan is running at step 1
STF-03-A-1-04	Step 2	- Fan is running at step 2
STF-03-A-1-05	Step 3	- Fan is running at step 3
STF-03-A-1-06	Night cooling	- Unit is in night cooling mode
STF-03-A-1-07	Unoccupied	- Unit is running in unoccupied mode
STF-03-A-1-08	Step 2 & 3	- Unit is running at step 2 or 3
STF-03-A-1-09	Winter mode	- Unit is in winter mode
STF-03-A-1-10	Fire	- Unit is in fire mode
STF-03-A-1-11	Alarm	- Alarm is active (A or B alarm).
STF-03-A-1-12	Running	- Unit is running (any mode except fire)
STF-03-A-1-13	Heating full	- Full heating demand (100%)
STF-03-A-1-14	Hrec full	- Full heat recovery (100%)
STF-03-A-1-15	Cooling full	- Full cooling demand (100%)
STF-03-A-1-16	Cooling demand	- Cooling is needed

Operation mode 2:

Article No.	Value	Condition Description
STF-03-A-2-01	Off	- Unit is off (stand-by) time scheduler or equivalent
STF-03-A-2-02	On	- Unit is in normal operation (comfort mode)
STF-03-A-2-03	Economy	- Unit is in economy mode (step+temp)
STF-03-A-2-04	Step 2	- Fan is running at step 2
STF-03-A-2-05	Step 3	- Fan is running at step 3
STF-03-A-2-06	Night cooling	- Unit is in night cooling mode
STF-03-A-2-07	Unoccupied	- Unit is running in unoccupied mode

STF-03-A-2-08	Cooling recovery	- Unit is in cooling recovery mode
STF-03-A-2-09	Fire damper test	- Fire damper testing mode
STF-03-A-2-10	Fire	- Unit is in fire mode
STF-03-A-2-11	Stop	- Unit is stopped (including alarm)
STF-03-A-2-12	Heating demand	- Heating is needed
STF-03-A-2-13	Heating full	- Full heating demand (100%)
STF-03-A-2-14	Hrec full	- Full heat recovery (100%)
STF-03-A-2-15	Cooling full	- Full cooling demand (100%)
STF-03-A-2-16	Defrost Active	- Unit is in defrost mode

For EcoHeater

Operation mode 1:

Article No.	Value	Condition Description
STF-03-E-1-01	Off	- Unit is off (stand-by) time scheduler or equivalent
STF-03-E-1-02	On	- Unit is in normal operation (comfort mode)
STF-03-E-1-03	Step 2	- Fan is running at step 2
STF-03-E-1-04	Step 3	- Fan is running at step 3
STF-03-E-1-05	Fire damper	- Fire damper testing mode
STF-03-E-1-06	Fire	- Unit is in fire mode
STF-03-E-1-07	Step 2&3	- Unit is running at step 2 or 3
STF-03-E-1-08	Compressor on	- Compressor operation is active
STF-03-E-1-09	Alarm	- Alarm is active (A or B alarm).
STF-03-E-1-10	Running	- Unit is running (any mode except fire)
STF-03-E-1-11	Heating actv	- Heating is needed
STF-03-E-1-12	Htg full	- Full heating demand (100%)
STF-03-E-1-13	Summer Dmp	- summer bypass mode is active
STF-03-E-1-14	Step 1	- Fan is running at step 1

Operation mode 2:

Article No.	Value	Condition Description
STF-03-E-2-01	Off	- Unit is turned off
STF-03-E-2-02	On	- Unit is in normal operation (comfort mode)
STF-03-E-2-03	Step 2	- Fan is running at step 2
STF-03-E-2-04	Step 3	- Fan is running at step 3

STF-03-E-2-05	Fire damper	- Fire damper testning mode
STF-03-E-2-06	Fire	- Unit is in fire mode
STF-03-E-2-07	Step 2&3	- Unit is running at step 2 or 3
STF-03-E-2-08	Ext.BlockHP.HP	- Compressor is blocked via digital input
STF-03-E-2-09	Stop	- Unit is stopped (including alarm)
STF-03-E-2-10	Running	- Unit is running (any mode except fire)
STF-03-E-2-11	Heating actv	- Heating is needed
STF-03-E-2-12	Htg full	- Full heating demand (100%)
STF-03-E-2-13	Summer Dmp	- Summer bypass mode is active