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**NOTIFICATION OF THE ISSUE OF AN EC TYPE EXAMINATION CERTIFICATE
UNDER THE EUROPEAN GAS APPLIANCE DIRECTIVE (90/396/EEC)**

SUPPLEMENTARY INFORMATION ON TECHNICAL DATA ("FORM B")

Certificate No. EC-87/02/57/b
Notified Body No. 0087
Project No. 2/31740
Date 13 September 2002
Original/Supplementary Original
Manufacturer Fireye Inc
3 Manchester Road
Derry
NH 03038
USA
Normative Reference(s) BS EN 298:1994 (including amendment 1)
BS EN 61010-1:2001
EC Product Identification No. 87BN57

| Product Type | Model Designation | Destination Countries |
|---------------------------------|-------------------|-----------------------|
| Automatic Burner Control System | Fireye SB Series* | All EU Countries |

* Refer to Model Number Guide for full details



MODEL NUMBER GUIDE - FIREYE (with description of timing/functional options:)

This model is re-branded version and is identical to the Eclipse model

| | | | | | | | | | |
|----------------------------|--|----|----|-----|-----|----|----|-----|------|
| Product Model Number Guide | Make one selection each from Tables I through VIII | | | | | | | | |
| | Model | I | II | III | IV | V | VI | VII | VIII |
| | SB | -- | - | - | --- | -- | -- | -- | --- |

| TABLE | DESCRIPTION | SELECTION |
|---|---|-------------|
| TABLE I POWER SUPPLY | 102-132VAC, 50/60Hz 204-264VAC, 50/60Hz | 12 23 |
| TABLE II SEQUENCE | No-Purge* Purge Modulation** | N P M |
| TABLE III FLAME FAIL RESPONSE | 3 second FFRT 1 second FFRT | 3 1 |
| TABLE IV PURGE TIME | Enter TIME in Seconds, 0 - 999 * For No-Purge Sequence selection "N", enter 000 ** For Modulation Sequence "M", the time is applied to both the high and low cycles, effectively doubling the specified time. | --- |
| TABLE V IGNITION TRIAL 1 st Safety Time | Enter TIME in seconds, 1 - 15 | -- |
| TABLE VI PILOT TIME 2 nd Safety Time | Enter INTERRUPTED TIME in seconds, 0 - 99 To specify INTERMITTENT pilot, enter 00 | -- |
| TABLE VII POST-PURGE | Enter TIME in seconds, 0 - 99 For no post-purge, enter 00 | -- |
| TABLE VIII RECYCLE | Non- Recycle Recycle | N__ R__ |
| AIR SWITCH | Standard, alarm if switch not made in 10s Sequence hold until switch makes | _F_ _P_ |
| RESET | Standard automatic reset on power up Manual push button to start on power up | __A __M |

DECLARED DATA

| | |
|------------------------------------|--|
| Type number/model reference | SB series (refer to model number guide) |
| EN298 Identification code | Dependent on model* |
| Rated supply voltage | 120V~ and 240V~ versions available |
| Protection class of housing | Dependent on mounting location |
| Range of ambient temperatures | -40°C to 60°C |
| Gas valve output ratings | 10A, ¼ HP, 120V~ 175VA (inductive) 230V~ |
| Ignition transformer output rating | 10A, ¼ HP, 120V~ 375VA (inductive) 230V~ |
| Fan output rating | 10A, ½ HP, 120V~ 470VA (inductive) 230V~ |
| Control and alarm output rating | 10A, ¼ HP, 120V~ 175VA, (inductive) 240V~ |
| Total output | Maximum load not to exceed 15A |
| Pre-purge or Waiting time | 1-999s dependent on model* |
| First safety time | 1-15s dependent on model* |
| Start-gas flame proving period | 0-99s dependent on model* |
| Main-gas flame proving period | N/A |
| Post-purge time | 0-99s dependent on model* |
| Flame failure response time | 1 or 3 second selectable |
| Time to achieve safety shut down | <1s |
| Time to achieve lockout | <1s |
| Time for spark restoration | N/A |
| Number of ignition attempts | Dependent on model* |

* For clauses marked 'dependent on model' refer to the model number guide