

Producer
Fireve Inc.
Domiciled in
Derry, USA

Kiwa Gastec Certification hereby declares that the
Flame Monitor, series

Burner Logix ZB

complies the essential requirements as described in the **Directive on
appliances burning gaseous fuels (90/396/EEC)**.

The compliance is based on examination to:
EN298(2003)

PIN : 0063BT1754
Report number : 123745

The product has been approved for all EU and EFTA countries.

A description of the specific types is given in the appendices
to this certificate

Certificate

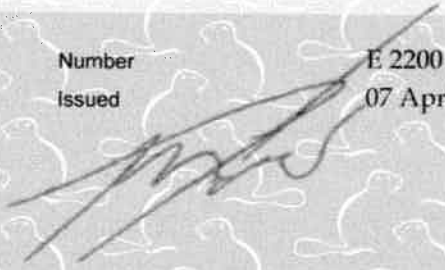
GASTEC

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Number E 2200
Issued 07 April 2008



Ir. M.L.D. van Rij,

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EC TYPE-EXAMINATION CERTIFICATE: E 2200 – 0063BT1754

Appendix no.: 1

Dated: February 2008

P.I.N.: 0063BT1754

Examination report(s):

123745 dated April 2008

Information for all Notified Bodies

Information on the EC type-examination certificate, issued by
GASTEC Certification BV, P.O. Box 137, 7300 AC Apeldoorn, The Netherlands

File no.: 0063/E2200/123745

dated: April 2008

FIREYE Inc. automatic burner control system(s), Series Burnerlogix ZB series.

Scope:

The FIREYE Inc. automatic burner control system(s), Series Burnerlogix ZB, are intended for use on gas fired appliances and permanent operation, as stated in clause 9 of EN 298. The control(s) are provided with an enclosure and are intended for installation within an environment meeting the requirements of EN 60730-1 (2000) for pollution degree 2.

List of all available types:

YB110UV	120VAC UV
YB110UVSC	120VAC UV self check
YB110IR	120VAC IR auto-check amplifier
YB110IR2	120VAC input with IR auto check filter amplifier (Increased sensitivity)
YB230UV	230VAC UV
YB230UVSC	230VAC UV self check
YB230IR	230VAC IR auto-check amplifier
ZB110UV	120 VAC UV
ZB110UVSC	120 VAC UV self check
ZB110IR	120 VAC IR
ZB230UV	230 VAC UV
ZB230UVSC	230 VAC UV self check
ZB230IR	230 VAC IR

Accessories:

BLV512	VFD Display
BLL510	LCD Display
60-2810-1	YB Pigtail wiring base
60-2812-1	YB Closed wiring base
60-2814-1	YB Open wiring base
60-2850-1	ZB Pigtail wiring base
60-2852-1	ZB Closed wiring base
60-2854-1	ZB Open wiring base
YP 113	Programmer
YZ300	Interlock Annunciator Module for YB110 or ZB110.
YZ320	Interlock Annunciator Module for YB230 or ZB230
60-2871-1	Wiring base, terminal blocks, closed with knockouts
60-2874-1	Wiring base, terminal blocks, open end

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EC TYPE-EXAMINATION CERTIFICATE: E 2200 – 0063BT1754

Appendix no.: 1

Dated: February 2008

P.I.N.: 0063BT1754

Examination report(s):
123745 dated April 2008Specifications:

Electrical supply:	110 VAC or 230 VAC depending on type , 50/60 Hz.
Ambient Temperature:	-40 °C to +60 °C.
IP protection degree:	IP 20
Flame detection:	UV or IR depending on type
Applied technology:	Complex Electronics

Outputs:

Ignition output:	4.5 A max
Pilot output:	4.5 A max
Main output:	4.5 A max
Delayed main output:	4.5 A max
Fan output:	9.8 A max
Alarm output:	50 VA max

Note: all connected loads together not to exceed 2000 VA

Times:

Flame Failure Response Time:	1,2 or 4 s depending on Programmer module.
Pre-purge time:	30 s to 60 min in 15s increments
First safety time (PTFI):	5 or 10 s depending on Programmer module
Second safety time (MTFI):	0, 3, 5, 10 or 15 s depending on Programmer module and connection terminals used
Post-purge time:	15s to 60s in 5s increments

Behaviour after flame failure:
non-volatile lock-out.

Special conditions:

None