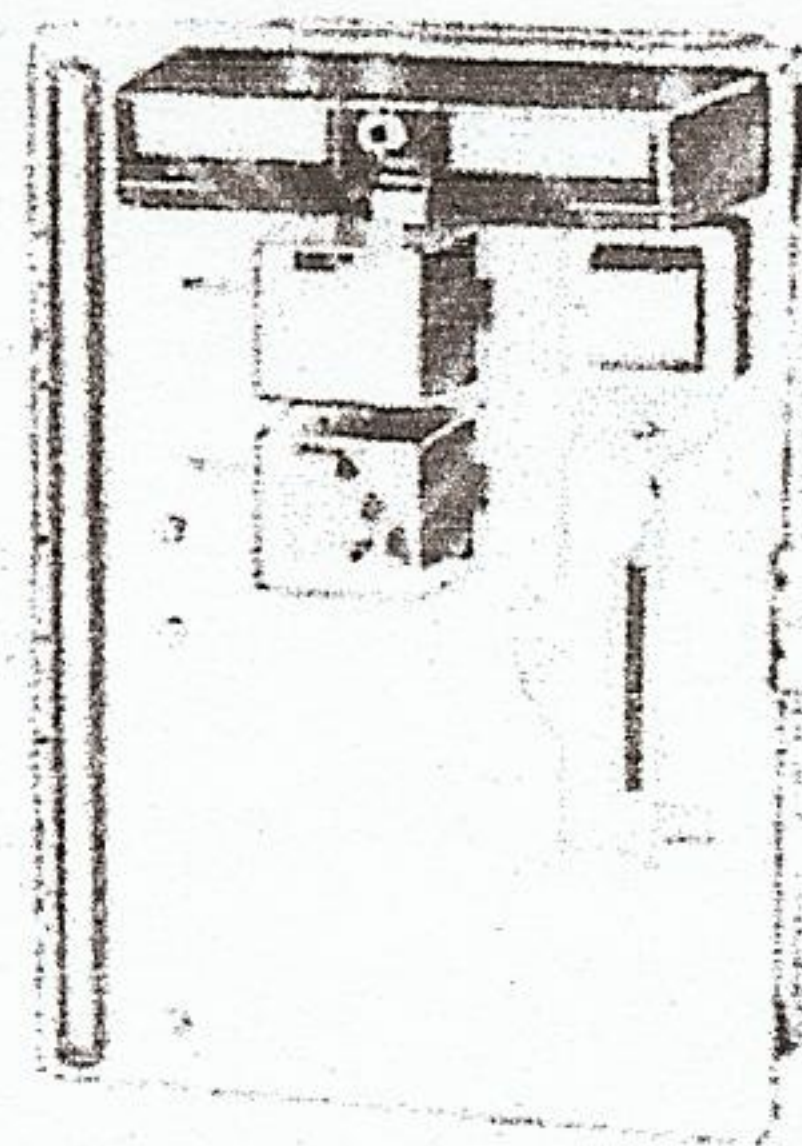


Primary and Relay Controls

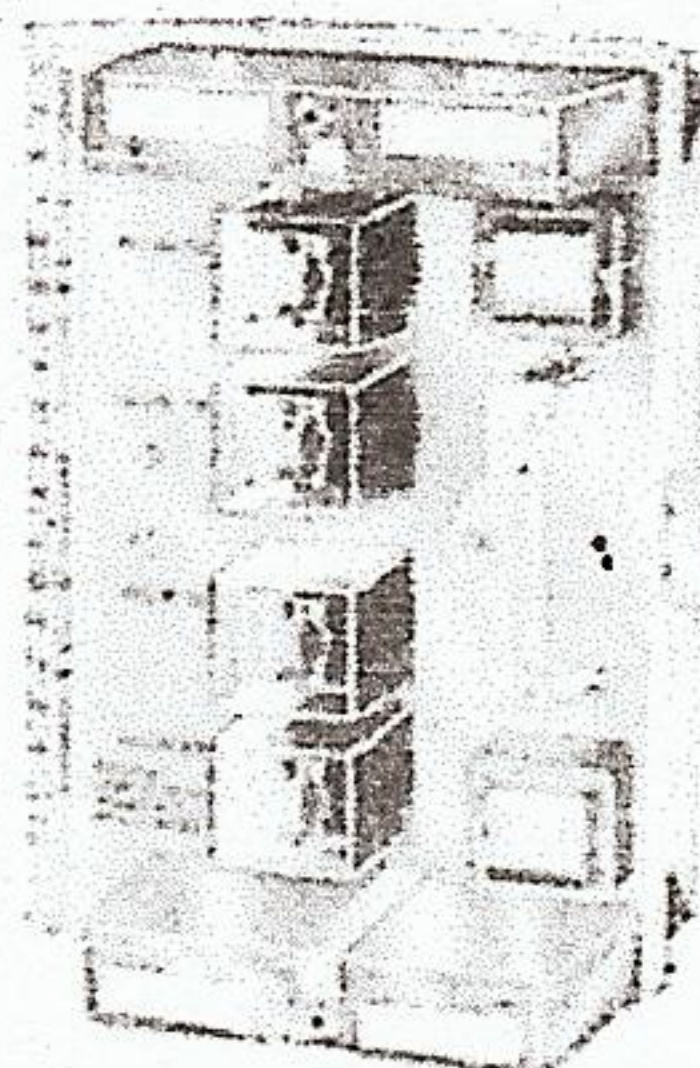
R4075 Industrial Flame Safeguard Primary Controls

Provide independent supervision of semi-automatic, constant-fired industrial single or dual fuel burner.

- Main valve energized after pilot flame has been proven; then monitors flame through run time.
- Use with R7247, R7248 or R7249 Plug-in Amplifiers.



R4075C,D



R4075E
Dual Control

APPROVALS: (120V models only):
Underwriters Laboratories Inc. Listed: File No. MP268, Guide No. MCCZ2.
Canadian Standards Association Certified: File No. LR1620, Guide Nos. 140-A-2, 300-1-0.2.
Factory Mutual Approved: Report Nos. 24313 and 24117.01.
FLAME FAILURE RESPONSE TIME: 2 to 4 seconds (check specific amplifier).

TEMPERATURE RATINGS: Ambient^a:

	50 Hz		60 Hz	
	F	C	F	C
Minimum	-20	-29	-20	-29
Maximum	+125	+52	+130	+54

^a If an R7248A Infrared Amplifier is used, the ambient operating temperature range will be 0 F to 125 F (-18 C to 52 C).

ACCESSORIES:

123541B Flame Simulator for ultraviolet applications.
Q295A1039 Subbase for mounting in cabinet (R4075C,D only).
Q295A1054 Subbase for mounting in cabinet (R4075E only).

ELECTRICAL RATINGS: Contacts:

Terminal	Typical Load	Pilot Duty Rating	Voltage
8	Alarm	125 VA	120 to 240V
8	Alarm	50 VA	Up to 30V
3	Pilot Valve	125 VA	120 to 240V
5	Main Fuel Valve(s)	250 VA	120 to 240V

Available only through Honeywell Authorized Flame Safeguard Distributors.

Model Number	Application	Power Supply	Power Consumption ^b		Use With
			Running	Standby	
R4075C1005	For supervising large, semi-automatic, constant-fired burners.	120 Vac, 50/60 Hz	9 W	3 W	Plug-in flame signal amplifier and matching flame detector.
R4075C1013		208 Vac, 50/60 Hz	10 W	4 W	
R4075C1039		240 Vac, 50/60 Hz	10 W	4 W	
R4075D1003	For supervising large, semi-automatic, constant-fired burners. With power failure override to prevent shutdown during very short power outages (power line switching—approximately 1 second or less).	120 Vac, 50/60 Hz	9 W	3 W	
R4075E1000	Dual control for supervision of 2 large, semi-automatic, constant-fired burners. Consists of 2 independent primary controls on 1 chassis.	120 Vac, 50/60 Hz	8 ^a W	3 ^a W	2 plug-in flame signal amplifiers and matching flame detectors.

^a Per burner. For two burners, 16W running or 6W standby total.

^b At 60 Hz.

EPRI Edgemont Precision Rebuilders, Inc
Matlack Industrial Center
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