

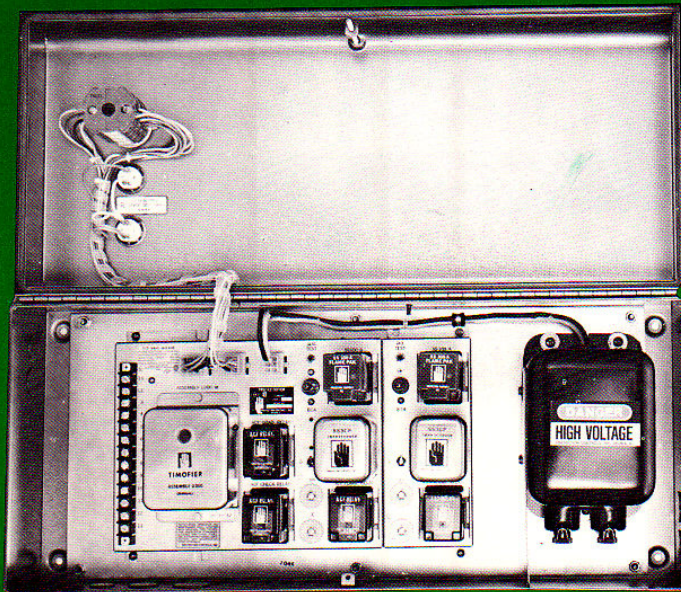


# Protectal Unified

## CONTROL PANELS

- **UNIFIED**  
62019 and 62021
- **STANDARD COMPLETE UNIFIED**  
82064 and 82065
- **COMPLETE UNIFIED**  
63031 and 63032

### SINGLE AND MULTI-BURNER PACKAGED COMBUSTION PROTECTION



UNIFIED



IRI ACCEPTED

**UNIFIED 62021-2VLT**  
(for supervising two burners)

A large number of burners may be supervised with:

1. A multi-burner control and a single valve.
- or
2. Individual controls and valves for each burner.

**READY TO INSTALL • NO ADDITIONAL COMPONENTS NECESSARY!**  
**Pre-Wired for Immediate Operation**



**PROTECTION CONTROLS, INC.**

ELECTRICAL SAFETY EQUIPMENT

7317 N. LAWDALE AVENUE  
P.O. BOX 287 • SKOKIE, ILLINOIS 60076-0287  
(708) 674-7676 • CHICAGO PHONE: (312) 763-3110  
FAX: (708) 674-7009

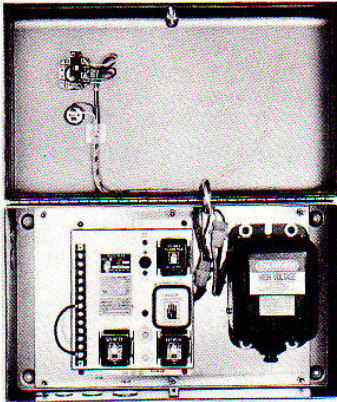
**NEW Are Area Code 847**

Skokie Phone (847) 674-7676  
FAX (847) 674-7009  
Chicago Phone (773) 763-3110

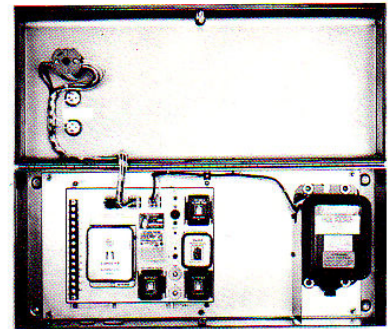


# UNIFIED COMBUSTION CONTROL PANEL

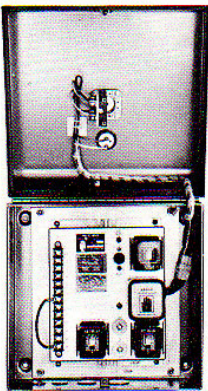
COMBUSTION CONTROL PACKAGED.....READY TO  
INSTALL WITH NO ADDITIONAL COMPONENTS REQUIRED



**STANDARD MODEL 62019-1VA**  
(with ignition transformer)



**TIMOFIER MODEL 62021-1VT**  
(with ignition transformer)

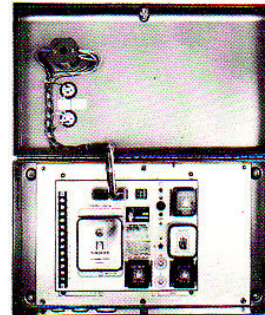


**STANDARD MODEL 62019X-1VA**  
(without ignition transformer)



IRI ACCEPTED

SEE UNIFIED  
PRICE BULLETIN



**TIMOFIER MODEL 62021X-1VT**  
(without ignition transformer)

1. Form 6642VA PROTECTOFIER with plug-in solid state electronic FLAME-PAK and plug-in ACF relays
2. START Pushbutton
3. Signal light to indicate flame
4. Ignition transformer (optional)
5. Dust-tight steel enclosure

1. Form 6642VT PROTECTOFIER with plug-in TIMOFIER for purge and ignition trial, plug-in solid state electronic FLAME-PAK and plug-in ACF relays
2. Burner Off/Run/Ignition switch
3. Signal light to indicate flame
4. Signal light to indicate timer operation
5. Ignition transformer (optional)
6. Dust-tight steel enclosure

**NOTE:**

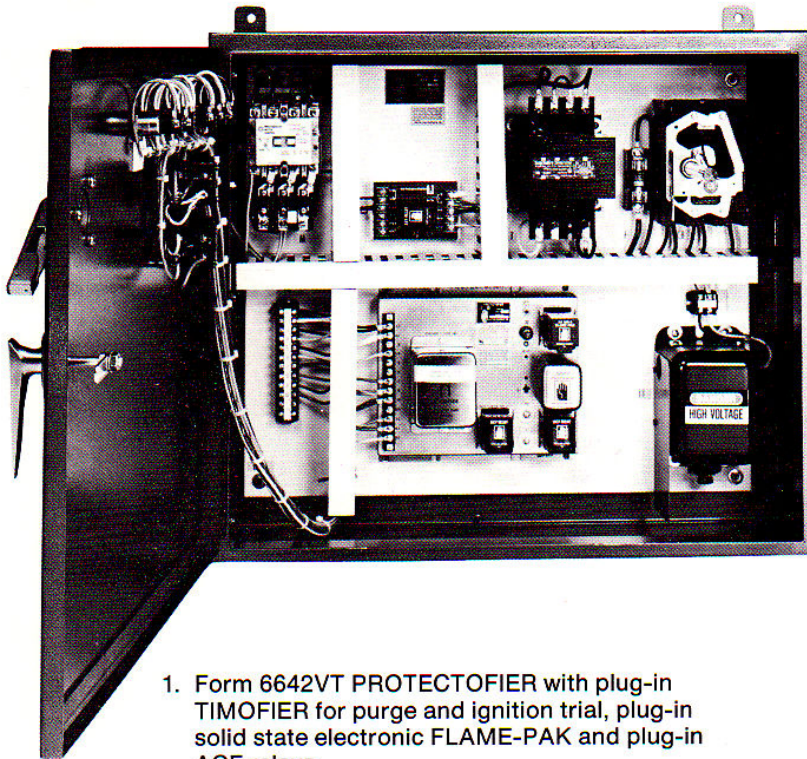
Shown are UNIFIED Control Panels for manual operation and supervision of one burner. For automatic operation the Form "B" PROTECTOFIER is supplied. The UNIFIED Combustion Control Panels are also available to supervise any number of burners and models are available to suit many safety requirements such as non-relight, low fire start, interrupted pilot, etc.

**INSTALLATION, OPERATION AND MAINTENANCE SHALL CONFORM WITH NATIONAL FIRE PROTECTION ASSOCIATION STANDARDS, NATIONAL AND LOCAL CODES, AND AUTHORITIES HAVING JURISDICTION. ANY MODIFICATION VOIDS APPROVALS.**



# STANDARD COMPLETE UNIFIED COMBUSTION CONTROL PANEL

COMPACT CONTROL PANEL WITH SAME FEATURES AS  
UNIFIED PANEL — PLUS MOTOR CONTROL



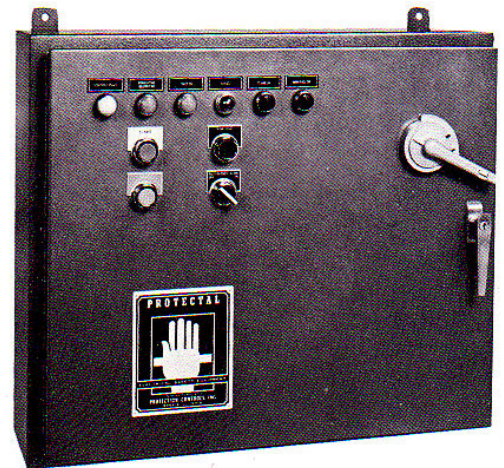
## STANDARD COMPLETE UNIFIED

Model 82064 (230V operation)  
Model 82065 (460V operation)

PRE-WIRED COMBUSTION CONTROL PANEL for one or two burners. Ready to install with simple wiring from terminals to all external components. Not available with modifications.

SEE STANDARD COMPLETE UNIFIED PRICE BULLETIN

1. Form 6642VT PROTECTOFIER with plug-in TIMOFIER for purge and ignition trial, plug-in solid state electronic FLAME-PAK and plug-in ACF relays
2. MOTOR STARTER for 3 ph. 60 Hz.  
230V - 3 HP max.  
460V - 5 HP max.
3. MAIN CIRCUIT BREAKER interlocked with access door
4. TRANSFORMER for control circuit operation at 115V
5. ELECTRIC IGNITION TRANSFORMER (optional)
6. SELECTOR & PUSHBUTTON SWITCHES, INDICATOR LIGHTS, ETC.
7. ALARM RELAY
8. STEEL ENCLOSURE, gasketed, with key locking handle
9. STANDARD WIRING DIAGRAM

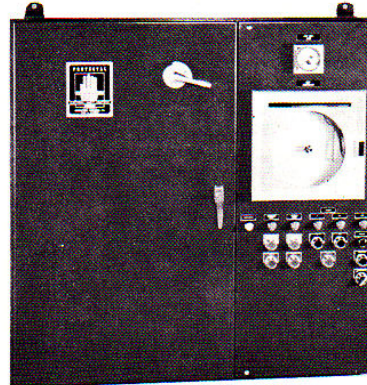
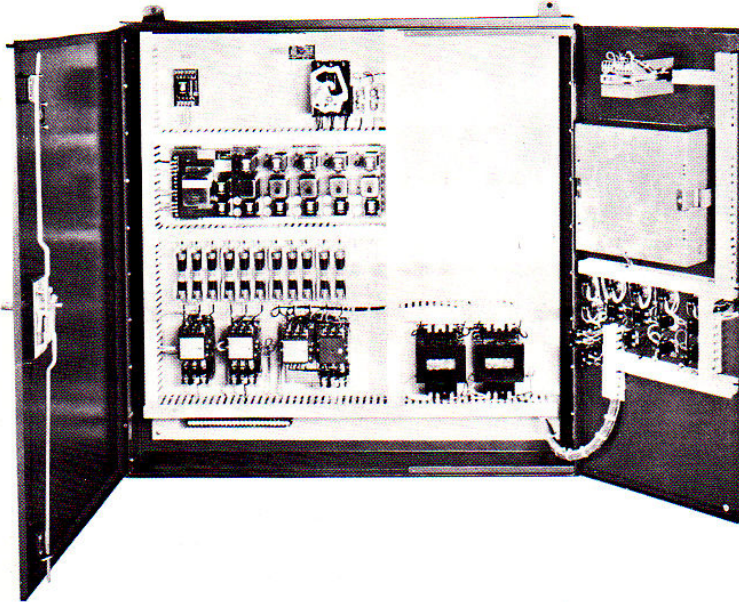


INSTALLATION, OPERATION AND MAINTENANCE SHALL CONFORM WITH NATIONAL FIRE PROTECTION ASSOCIATION STANDARDS, NATIONAL AND LOCAL CODES, AND AUTHORITIES HAVING JURISDICTION. ANY MODIFICATION voids APPROVALS.



# COMPLETE UNIFIED COMBUSTION CONTROL PANEL

COMPACT CONTROL PANEL WITH SAME PROTECTOFIER FEATURES AS  
STANDARD COMPLETE UNIFIED PANEL — EXCEPT CUSTOMIZED TO  
PERFORM A WIDE RANGE OF ADDITIONAL CONTROL FUNCTIONS



PRE-WIRED COMBUSTION CONTROL  
PANEL for any number of burners. May be  
customized to include instrumentation  
and additional motor starters, relays,  
timers, etc.

1. Form 6642VT PROTECTOFIER with plug-in TIMOFIER for purge and ignition trial, plug-in solid state electronic FLAME-PAK and plug-in ACF relays
2. MOTOR STARTER(S)
3. MAIN CIRCUIT BREAKER Interlocked with access door
4. TRANSFORMER for control circuit operation at 115V
5. ELECTRIC IGNITION TRANSFORMER for desired number of burners (PCI IGNITIFIER supplied for 4 or more burners)
6. SELECTOR & PUSHBUTTON SWITCHES, INDICATOR LIGHTS, ETC.
7. STEEL ENCLOSURE, gasketed, with key locking handle
8. CUSTOM WIRING DIAGRAM



**COMPLETE UNIFIED**  
Model 63031 (230V operation)  
Model 63032 (460V operation)



CONSULT FACTORY FOR QUOTATION

COMPLETE CONTROL PANEL SYSTEMS  
AVAILABLE WITH U.L. LISTED  
COMPONENTS AND UNDERWRITERS'  
LABORATORIES LABEL

INSTALLATION, OPERATION AND MAINTENANCE SHALL CONFORM WITH NATIONAL FIRE PROTECTION ASSOCIATION STANDARDS,  
NATIONAL AND LOCAL CODES, AND AUTHORITIES HAVING JURISDICTION. ANY MODIFICATION VOIDS APPROVALS.