

GAS & ELECTRIC

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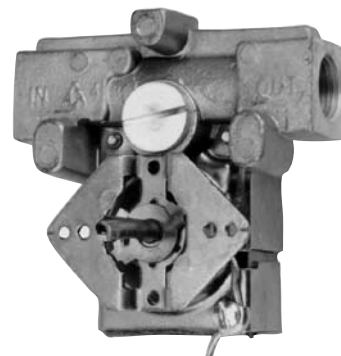
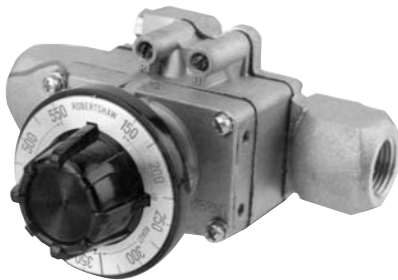
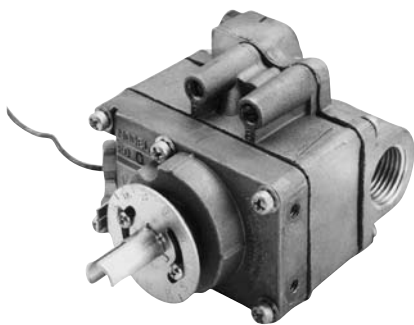
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For your convenience, a complete numerical index and a manufacturers' cross reference are located at the end of this catalog.



ROBERTSHAW GENERAL PURPOSE GAS THERMOSTATS



FD BODY TYPE 1 THERMOSTATS

No. 218-1018 100° to 450°F

- FDS type
- 3/8" NPT rear and side inlet and side outlet
- 30" capillary
- 3/8" x 3 7/8" bulb
- Dial not included
(see No. 218-1059)

No. 152-1005 150° to 550°F

- FDO type
- 1/2" NPT side inlet and outlet
- 48" capillary
- 3/16" x 14 3/4" bulb
- Dial not included
(see No. 130-1013)

No. 152-1006 150° to 550°F

- FDO type
- 3/8" NPT side inlet and outlet
- 72" capillary
- 3/16" x 14 3/4" bulb
- Dial not included
(see No. 130-1013)

No. 229-1070 150° to 550°F

- FDO type
- 7/16" tubing rear inlet and outlet
- 48" capillary
- 3/16" x 14 3/4" bulb
- Dial not included
(see No. 130-1013)

No. 184-1066 Low 200° to 500°F

- FDO type
- 1/2" NPT side inlet and outlet
- 54" capillary
- 3/16" x 14 3/4" bulb
- Dial not included
(see No. 130-1014)

No. 184-1065 300° to 650°F

- FDTH type
- 1/2" NPT side inlet and outlet
- 48" capillary
- 3/16" x 14 3/4" bulb
- Dial included

Note: All FD type 1 thermostats shown have pilot adjustments, except Nos. 152-1006 and 229-1070.

FD BODY TYPE 2 THERMOSTATS

No. 152-1004 150° to 550°F

- FDO type
- 1/2" NPT inlet and outlet
- 48" capillary
- 3/16" x 14 3/4" bulb
- Dial included

No. 187-1099 200° to 500°F

- FDO type
- 1/2" NPT inlet and outlet
- 48" capillary
- 3/16" x 14 3/4" bulb
- Dial included

No. 187-1100 300° to 650°F

- FDTH type
- 1/2" NPT inlet and outlet
- 48" capillary
- 3/16" x 14 3/4" bulb
- Dial not included
(see No. 130-1015)

No. 187-1102 300° to 650°F

- FDH type
- 1/2" NPT inlet and outlet
- 48" capillary
- 3/16" x 14 3/4" bulb
- Dial included

GS THERMOSTATS

No. 152-1002 60° to 250°F

- 3/8" NPT inlet and outlet
- 60" capillary
- 3/8" x 4 1/2" nickel-plated bulb
- 3/8" NPT nickel-plated stuffing box
- Dial included

No. 152-1003 200° to 400°F

- 3/8" NPT inlet and outlet
- 30" capillary
- 3/8" x 5 3/8" nickel-plated bulb
- 3/8" NPT nickel-plated stuffing box
- Dial not included
(see No. 194-1081)

No. 228-1157 200° to 400°F

- 1/4" tubing inlet and outlet
- Includes fittings for 3/16" tubing
- 48" capillary
- 1/4" x 11 1/8" nickel-plated bulb
- 3/8" NPT nickel-plated stuffing box
- Dial not included
(see No. 130-1007)

No. 229-1072 200° to 400°F

- 1/4" tubing inlet and outlet
- Includes fittings for 3/16" tubing
- 30" capillary
- 3/8" x 5 3/8" nickel-plated bulb
- 1/4" NPT nickel-plated stuffing box
- Dial not included
(see No. 175-1071)



ROBERTSHAW BJWA COMMERCIAL THERMOSTAT KITS

Designed for use in commercial ovens and griddles. Can be mounted in any of 4 manifold positions. Kit will replace most BJ and BJWA commercial thermostat installations.

GRIDDLE THERMOSTAT KIT

No. 152-1000

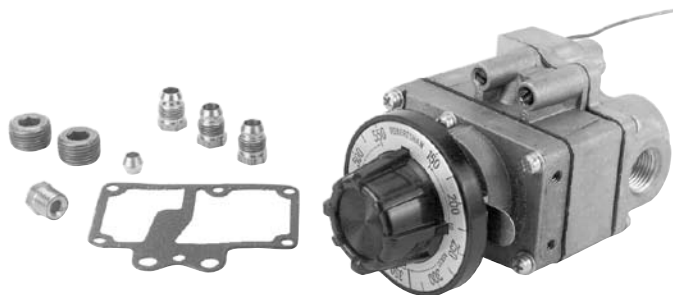
- 150° to 400°F (dial is Fahrenheit only)
- 1/4" NPT outlet
- 36" capillary
- 3/16" x 8" bulb

OVEN THERMOSTAT KIT

- 250° to 550°F (dial is Fahrenheit only)
- 1/4" NPT outlet
- 3/16" x 11 1/8" bulb

No. 152-1001 48" capillary

No. 152-1009 72" capillary



ROBERTSHAW FD TYPE 1 COMMERCIAL THERMOSTAT KITS

- 3/8" NPT inlets and outlets on the sides and rear
- 1/4" or 3/16" OD tubing outlet for pilot
- Universal 4-way mounting dial
- 54" capillary
- 3/16" x 14 3/4" bulb

No. 152-1007 FDO snap throttle type

- 150° to 550°F (dial is Fahrenheit only)

No. 152-1008 FDTO throttling type

- Low (200°) to 550°F (dial is Fahrenheit only)



STUFFING BOX KIT

No. 158-1100 Replacement kit

- 3/8" NPT
- Fits all capillaries up to 3/8" diameter bulb
- Nickel-plated brass

No. 158-1029 Reducing bushing

- Converts 1/4" NPT stuffing box applications to 3/8" NPT
- Brass

Note: No. 158-1100 is designed to replace existing stuffing boxes.

BRASS REDUCING BUSHINGS

HEX BUSHINGS

1. **No. 117-1026** 1/4" x 1/8" NPT
1. **No. 117-1028** 3/8" x 1/4" NPT
1. **No. 117-1024** 1/2" x 1/4" NPT
1. **No. 117-1025** 1/2" x 3/8" NPT
1. **No. 117-1027** 3/4" x 1/2" NPT



1

FLUSH BUSHINGS

2. **No. 117-1033** 3/8" x 1/4" NPT
2. **No. 117-1030** 1/2" x 3/8" NPT
2. **No. 117-1032** 3/4" x 1/2" NPT



2



FLANGED NIPPLE KIT

No. 158-1137

- Narrow flange — 1 1/16" wide
- Kits include 3 different length flanges and 1/8" NPT to 1/16-27 thread adaptor
- Used on narrow flange BJ thermostats

THERMOSTAT DIALS



THERMOSTAT DIAL

No. 227-1058

- 200° to 400°F temperature range
- Flat side down
- 1/4" diameter "D" stem



THERMOSTAT DIALS

- Fits Robertshaw FD thermostats
- Fits .29" "D" stem
- Universal 4-way mounting
- Dials are Fahrenheit only

No. 130-1015 300° to 650°F

No. 130-1014 Low to 550°F

No. 130-1013 150° to 550°F



THERMOSTAT DIAL

No. 218-1059

- 100° to 450°F (dial is Fahrenheit only)



THERMOSTAT DIALS

STANDARD-DUTY

- Fits Robertshaw GS thermostats and others with standard .187" "D" stem
- Universal 4-way mounting
- Dials are Fahrenheit only

No. 130-1002 60° to 250°F

No. 130-1007 200° to 400°F

HEAVY-DUTY

- Fits Robertshaw GS thermostats and others with standard .187" "D" stem
- Universal 4-way mounting
- Dials are Fahrenheit only

No. 130-1057 60° to 250°F

No. 130-1061 200° to 400°F



THERMOSTAT DIALS

- Fits Robertshaw BJWA thermostats
- Supplied with "D" stem adaptor (No. 130-1064)
- Universal 4-way mounting
- Dials are Fahrenheit only

No. 130-1016 Low to 500°F—oven

No. 130-1017 150° to 400°F—griddle



THERMOSTAT DIAL

No. 175-1071

- 200° to 400°F
(93° to 204°C)



THERMOSTAT BEZEL

No. 220-1232

- For BJ thermostat
(No. 152-1000)



No. 130-1064 "D" stem adaptor

- Adapts BJ thermostats to .35" "D" stem

SAFETIES



ROBERTSHAW TS1 SAFETY VALVES

- Thermocouple application

No. 240-1022 1/4" NPT inlet and outlet

- 3/16" tubing pilot inlet and outlet

No. 220-1376 1/4" NPT inlet and outlet

- 1/4" tubing pilot inlet and outlet

No. 201-1024 3/8" NPT inlet and outlet

- 1/8" NPT pilot inlet and outlet

No. 229-1085 3/8" NPT inlet and outlet

- 3/16" tubing pilot inlet and outlet

No. 228-1180 7/16" tubing inlet and outlet

- 1/4" tubing pilot inlet and outlet

No. 229-1086 1/2" NPT inlet and outlet

- 1/4" tubing pilot inlet and outlet



ROBERTSHAW TS REPLACEMENT MAGNET HEAD KITS

- Kits replace magnet heads used on many #11 bodies for TS safety valves
- 1/8" NPT pilot with adaptor fittings for 3/16" and 1/4" OD tubing
- Kit also contains new valve gasket and screws
- Thermocouple application

No. 153-1007 Inlet and outlet for pilot

No. 153-1008 Outlet for pilot

1



2



BASO® SAFETY VALVES

- Thermocouple application

1. **No. 229-1081** 3/8" NPT inlet and outlet

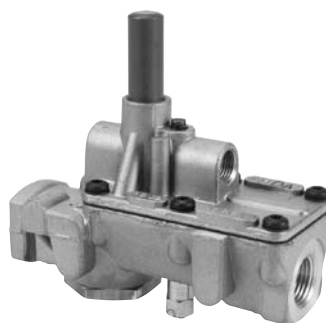
- 3/16" OD tubing inlet for pilot
- Baso nos. HI5HR2C, HI5HR2D

1. **No. 162-1005** 3/8" NPT inlet and outlet

- 1/4" OD tubing inlet for pilot
- 1/8" NPT outlet for pilot
- Baso nos. HI5HQ5C, HI5HQ5D

2. **No. 220-1131** 3/8" NPT inlet and outlet

- 1/8" NPT pilot inlet and outlet
- Baso nos. H15AR3, H15AR3C, H15AR3D

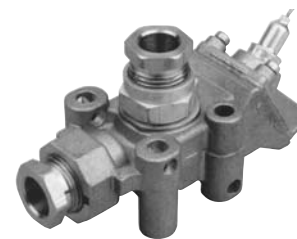


ROBERTSHAW FMDA COMMERCIAL GAS SAFETY VALVES

- 1/4" OD tubing inlet and outlet for pilot

ITEM No.	CAPILLARY LENGTH	INLET/OUTLET	BUTTON LENGTH
No. 220-1222*	18"	3/8" NPT	3/16"
No. 153-1001	48"	3/8" NPT	1 3/32"
No. 153-1002	48"	1/2" NPT	3/16"

*1/8" NPT tubing inlet and outlet for pilot



SAFETY

No. 228-1181

- MSC
- 7/16" tube inlet and outlet
- 24" capillary



BASO® SAFETY VALVES

- Contains manual shut-off valve
- 1/4" OD tubing outlet for pilot
- Thermocouple application

No. 153-1026 3/8" NPT inlet and outlet

- Baso no. H43AA1, H43AB4C, H43AB4D
- Replaces Baso no. H43AB4

No. 218-1037 1/2" NPT inlet and outlet

- Baso no. H43BA2



ROBERTSHAW #11 BODY FOR TS SAFETY VALVES

No. 153-1010 3/8" NPT

No. 153-1009 1/2" NPT

SOLENOIDS



ROBERTSHAW F.J. GAS SOLENOID

No. 158-1005

- Normally closed
- 3/8" NPT
- 1/8" NPT side pilot outlets with plugs
- 120 volt

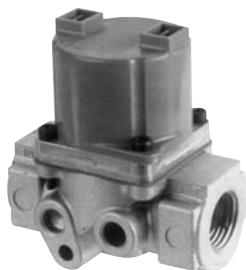
REPLACEMENT COILS

No. 158-1165 Encapsulated black coil

- 120 volt

No. 158-1143 Wrapped white coil

- For old style solenoid valves only
- 120 volt
- .10 amp



BASOTROL® GAS SOLENOID VALVE

No. 170-1109

- 24 volt
- 1/2" NPT inlet and outlet
- Baso nos. H91DG2, H91DG2C



BASOTROL® GAS SOLENOID VALVE

No. 218-1113

- 3/8" NPT inlet and outlet
- 120 volt
- Baso no. H91CA16



BASOTROL® GAS SOLENOID

No. 146-1005

- 120 volt
- 3/8" NPT inlet and outlet
- Baso no. H91CA21



BASOTROL® GAS SOLENOID

No. 158-1006

- 1/2" NPT
- Normally closed
- 120 volt
- Formerly I.T.T. K3
- Baso no. H91DA6



BASOTROL® H91 GAS SOLENOID

No. 158-1007

- 3/4" NPT
- Normally closed
- 120 volt
- Baso no. H91LA6

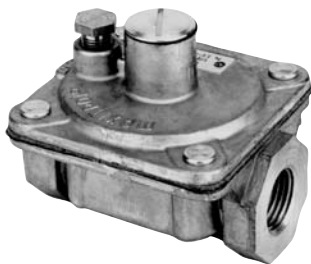


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REGULATORS



MAXITROL GAS PRESSURE REGULATORS

NATURAL GAS

- 3" to 6" water column range

No. 158-1022 1/2" NPT

No. 158-1023 3/4" NPT

No. 158-1021 1" NPT

LP GAS

- 5" to 12" water column range

No. 158-1025 1/2" NPT

No. 158-1026 3/4" NPT



MAXITROL GAS PRESSURE REGULATORS

- Straight-through flow
- Non-lock-up design
- 1 1/4" NPT

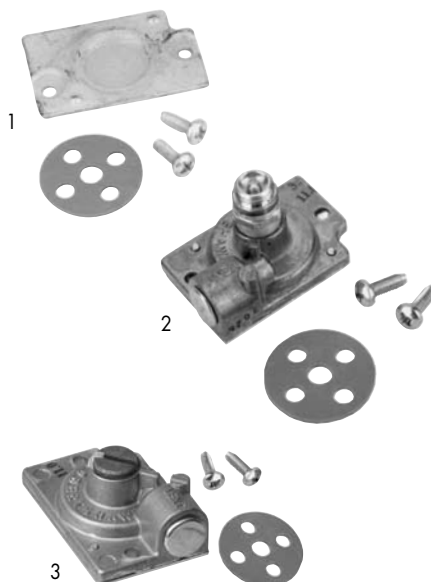
No. 158-1144 Natural gas

- 3" to 6" water column range

No. 158-1145 LP gas

- 5" to 12" water column range

COMBINATION VALVES



ACCESSORIES FOR ROBERTSHAW 700 SERIES COMBINATION VALVES

1. **No. 153-1011** Regulator cover plate
 - Converts a regulated valve to an unregulated valve
 - For use when installing a separate regulator
2. **No. 153-1030** Add-on pressure regulator
 - Adjustable for 3 1/2" WC natural gas or 11" WC LP gas
3. **No. 169-1056** Add-on pressure regulator
 - Converts valve from LP to natural gas
 - Includes mounting screws and diaphragm
3. **No. 153-1033** Add-on pressure regulator
 - Converts valve from natural to LP gas
 - Includes mounting screws, cover plate, and diaphragm



ROBERTSHAW 700 SERIES LINE VOLTAGE COMBINATION VALVES

- 120 volt
- 3/4" NPT inlet and outlet
- Includes two 1/2" NPT adaptors
- 1/4" OD tubing outlet for pilot
- Thermocouple application
- 300,000 BTU at 3/4" NPT; 100,000 BTU at 1/2" NPT

No. 153-1016 Natural gas

No. 153-1015 LP gas



ROBERTSHAW 700 SERIES BLEED COMBINATION VALVES

- For use with GS type thermostats
- 3/4" NPT inlet and outlet
- Includes two 1/2" NPT adaptors
- 1/4" OD tubing outlet for pilot
- 300,000 BTU at 3/4" NPT; 100,000 BTU at 1/2" NPT

FOR THERMOCOUPLE

No. 153-1018 Natural gas

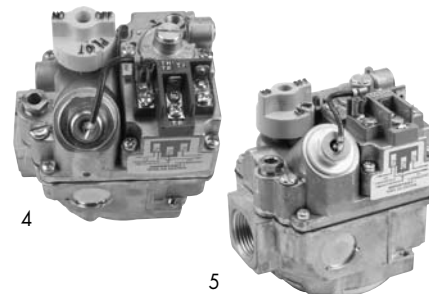
No. 153-1017 LP gas

FOR COAXIAL THERMOPILE

No. 153-1020 Natural gas

No. 153-1019* LP gas

* Does not include NPT adaptors.
Order flush bushing (No. 117-1032) separately.



ROBERTSHAW 700 SERIES MILLIVOLT COMBINATION VALVES

- 250 to 750 millivolt operating range
 - 3/4" NPT inlet and outlet
 - Includes two 1/2" NPT adaptors
 - 1/4" OD tubing outlet for pilot
 - Thermopile application
 - 300,000 BTU at 3/4" NPT; 100,000 BTU at 1/2" NPT
4. **No. 153-1014** Natural gas
 - Coaxial or wire lead
 5. **No. 153-1013** LP gas
 - Wire lead

Note: Robertshaw 700 series LP gas combination valves do not include gas regulator.

COMBINATION VALVES

COMBINATION VALVES

No. 168-1075 LP gas

- Millivolt-type
- 3/4" NPT inlet and outlet with 1/2" NPT adaptors
- Thermopile application
- Robertshaw no. 7000BMVR-LP

No. 168-1199 Natural gas

- 24 volt
- 1/2" NPT inlet and outlet
- Robertshaw no. 7000BMSE



NEW

COMBINATION VALVE

No. 175-1170

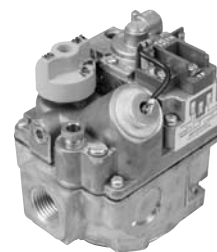
- Natural gas
- 24 volt
- 1/2" NPT inlet and outlet
- Honeywell no. VR8204H3440



COMBINATION VALVE

No. 169-1063

- Millivolt-type
- Natural gas
- 1/2" NPT inlet and outlet
- 1/4" OD tubing outlet for pilot
- Robertshaw no. 7000BMVR



COMBINATION VALVES

- Millivolt-type
- 3/4" NPT inlet and outlet

No. 228-1206 Natural gas

- Robertshaw no. 7000BMVR

No. 228-1207 LP gas

- Pressure regulator not included
- For use with pressure regulator (No. 153-1030)
- Robertshaw no. 7000BMVR



COMBINATION VALVE

No. 270-1016

- 24 volt
- Natural gas
- 1/2" NPT inlet, 3/4" NPT outlet
- Honeywell no. VR8304M3194



COMBINATION VALVE

No. 168-1347

- Natural gas
- Millivolt-type
- 1/2" NPT inlet and outlet
- 1/4" OD tubing outlet for pilot
- Honeywell no. VS820A1807



COMBINATION VALVE

No. 175-1094

- Natural gas
- 24 volt
- 1/2" NPT inlet and outlet
- Robertshaw no. 7000BDER



COMBINATION VALVES

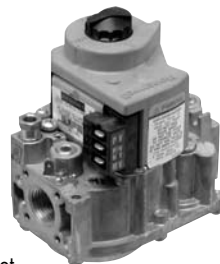
- 24 volt
- 1/2" NPT inlet and outlet
- 1/4" OD tubing outlet for pilot

No. 175-1125 LP gas

- Honeywell no. VR8204A8834

No. 175-1104 Natural gas

- Honeywell no. VR8204A8826



COMBO VALVE

No. 103-1004

- For model series PAR-2, PAR-3
- 1/2" NPT inlet and outlet
- 24 volt
- Honeywell no. VR8203A1005



COMBINATION VALVE

No. 230-1033

- Natural gas
- Millivolt-type
- 1/2" NPT inlet, 3/4" NPT outlet
- Honeywell no. VS820A1047



COMBINATION VALVE KNOB

No. 130-1090

- Fits Robertshaw 700 series combination valves
- Includes screw
- Beige plastic



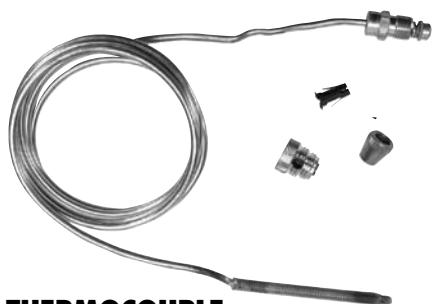
NEW



**JOHNSON CONTROLS
THERMOCOUPLE**

No. 272-1021

- 24" long



THERMOCOUPLE

No. 154-1042

- 60" long
- Includes hardware



NEW

THERMOCOUPLE

No. 168-1422

- For Honeywell valves
- 30" (762mm) long



**ROBERTSHAW
THERMOCOUPLES**

- Removable sheath
- Stainless steel tip

No. 154-1000 18" long
No. 154-1001 24" long
No. 154-1002 30" long
No. 154-1003 36" long
No. 154-1004 48" long
No. 154-1006 72" long



2-LEAD THERMOPILE

No. 154-1008

- 36" long



COAXIAL THERMOPILES

No. 154-1009 36" long

No. 154-1036 60" long



**2-LEAD
THERMOPILE**

No. 184-1076

- 250-750 millivolt
- Includes PG9 adaptor
- 60" long



THERMOPILE

No. 168-1410

- 2-wire style with screw-in connection
- For Unitrol valve



SLIP-FIT THERMOPILE

No. 168-1409

- 2-wire style with push-on terminals
- For Honeywell valve



ARMORED CABLE THERMOPILES

No. 196-1073 22" long

No. 184-1083 60" long



**THERMOCOUPLE JUNCTION
BLOCK ADAPTOR**

No. 153-1021

- Allows high limit safety to be connected to head of 700 series combination valves
- For non-slotted magnetic heads



LEAD WIRE FOR HIGH LIMIT

No. 220-1076

- 18" leads
- Allows energy cut-off to be connected to 700 series combination valves
- For slotted magnetic heads



PG-9 ADAPTOR

No. 154-1011

- Allows thermopiles to fit non-Robertshaw pilots



**THERMOPILE
TEST ADAPTOR**

No. 142-1330

- Used to make closed circuit tests with millivolt test meters



FLAME SENSOR PROBE

No. 187-1113

- 1/4" straight male terminal
- 3 3/8" overall length



SPARK IGNITION MODULE

No. 187-1107

- 24 volt
- 50-second trial ignition
- Johnson Controls no. G770MGC3



SPARK IGNITION MODULE

No. 170-1046

- 24 volt
- Continuous spark
- Johnson Controls no. G67AG3



IGNITER CABLE

No. 168-1229

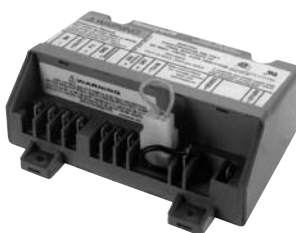
- 27" (686mm) long



SPARK IGNITION MODULE

No. 230-1034

- 24 volt
- 25-second trial ignition
- Johnson Controls no. G770LGC1



UNIVERSAL SPARK IGNITION MODULE

No. 229-1102

- 24 volt
- 90-second trial ignition
- Honeywell no. S8610U



SPARK IGNITION CABLE

No. 229-1097

- 46" long



SPARK IGNITION MODULE

No. 252-1010

- 24 volt
- 90-second trial ignition
- Includes spark plug to 1/2" female quick connect
- Honeywell no. S8600H



IGNITION MODULE

No. 103-1007

- For model series PAR-2, PAR-3
- 25 volt
- Honeywell no. S87B



FLAME SWITCH

No. 154-1038

- Normally open and closed contacts
- 3/6" capillary



ROBERTSHAW SM-2 SPARK IGNITION MODULE

No. 158-1142

- For oven ignition
- 120 VAC



SPARK IGNITION CABLE

No. 252-1006

- 30 1/2" long



FLAME SWITCH

No. 154-1019

- Normally open contacts
- 22" capillary
- 1/4" tab terminals



FLAME SWITCH

No. 220-1389

- Normally open contacts
- 30" capillary
- 1/4" tab terminals

ROBERTSHAW PILOT KITS

- For use with thermocouples and thermopiles
- Adapts to threaded or snap-in thermocouples
- Includes orifices for natural and LP gas
- 1/4" OD tubing inlet



No. 154-1012

- Robertshaw no. 2CH1



No. 154-1015

- Robertshaw no. 2CH6



No. 154-1016

- Robertshaw no. 6CH24-6



No. 228-1115

- Robertshaw no. 3CH10



No. 228-1118

- Robertshaw no. 6HC14-10



No. 175-1019

- Robertshaw no. 6CH14-6



No. 175-1027

- Robertshaw no. 4CH6



No. 229-1087

- Robertshaw no. 3CH4



ROBERTSHAW PILOT KITS

- For Robertshaw FMDA and FMEA safeties

No. 154-1035 11E

No. 154-1017 11EA

No. 154-1014

- For thermocouple type safeties
- Includes orifices for natural and LP gas
- 1/4" OD tubing inlet with 3/16" adaptor



ROBERTSHAW PILOT

No. 154-1013

- For use with thermocouples and thermopiles
- Includes natural gas orifice
- 1/4" OD tubing inlet
- Robertshaw no. 2CH2

Note: For LP gas orifice, use No. 154-1041.

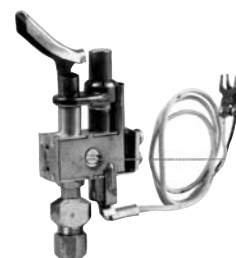


ROBERTSHAW PILOT

No. 229-1076

- For use with thermocouples and thermopiles
- Includes natural gas orifice
- 3/16" tubing inlet
- Robertshaw no. 2CH10

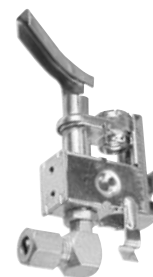
Note: For LP gas orifice, use No. 154-1041.



ITT PG-9 PILOT ASSEMBLY

No. 154-1018

- Includes orifices for natural and LP gas
- Thermopile included
- 1/4" OD tubing inlet



PILOT ASSEMBLIES

- Includes right angle orifice (No. 168-1231)

No. 168-1226 Natural gas

No. 168-1223 LP gas



2-WAY PILOT

No. 162-1002

- Thermopile application
- Orifice for natural gas
- 1/4" OD tubing inlet
- Robertshaw no. 3CH6



ROBERTSHAW MINI PILOT

No. 154-1021

- Universal—left or right side
- Combination pilot burner and thermocouple assembly
- For natural and LP gas
- 3/16" OD tubing inlet with 1/4" adaptor
- 36" capillary length



PILOT IGNITER ASSEMBLY

No. 170-1137

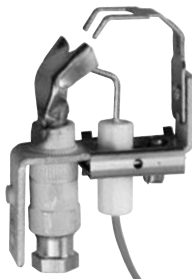
- 39" cable
- Honeywell no. W0322J989FTW



PILOT IGNITER ASSEMBLY

No. 170-1094

- 14" cable
- Robertshaw no. 1830-708



PILOT IGNITER ASSEMBLY

No. 229-1100

- Natural gas
- 1/4" OD tubing inlet
- Honeywell no. PIL345A



PILOT IGNITER ASSEMBLY

No. 187-1116

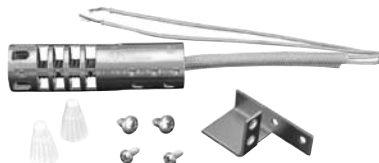
- Natural gas
- 34" cable
- 3/16" OD tubing inlet
- Honeywell no. W0322J990FTW



GLOW COIL

No. 187-1091

- 120 volt



GLOW COIL

No. 187-1076

- 120 volt



IGNITER

No. 166-1145

- 24 volt



HOT SURFACE IGNITER

No. 166-1101

- 24 volt



HOT SURFACE IGNITER WITH BRACKET

No. 220-1191

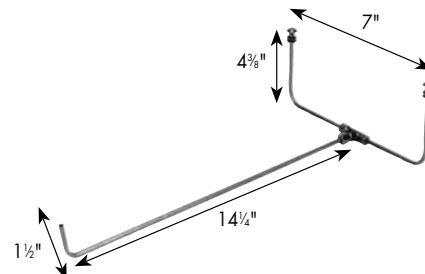
- 120 volt



PILOT BURNER

No. 158-1001

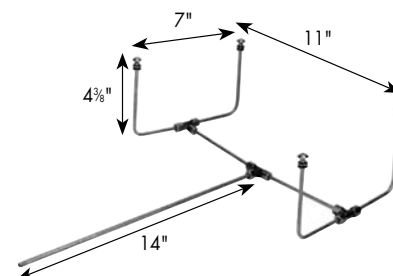
- 27/8" long tip
- 1/4" OD pilot tubing



OPEN TOP PILOT ASSEMBLY

No. 220-1040

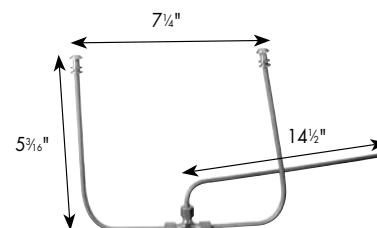
- 3/16" OD steel tubing



OPEN TOP PILOT ASSEMBLY

No. 220-1041

- 3/16" OD steel tubing



OPEN TOP PILOT ASSEMBLY

No. 220-1385

- 3/16" OD steel tubing



PILOT BURNER WITH TIP

No. 197-1031



PILOT VALVE

No. 154-1023

- 1/8" NPT inlet x 3/16" OD tubing outlet



PILOT VALVE

No. 228-1045

- 1/8" NPT inlet
- 1/4" OD tubing outlet



FLEX TUBE KITS by DORMONT®

- Kit includes: 1 flexible aluminum pilot tubing
- 2 brass compression nuts
- 2 brass compression ferrules
- 1 brass compression breakaway ferrule
- Instructions

ITEM No.	OD	LENGTH
157-1122	3/16"	18"
157-1123	3/16"	24"
157-1124	3/16"	30"
157-1125	1/4"	18"
157-1126	1/4"	24"
157-1127	1/4"	30"



PILOT VALVES

- 1/8" NPT inlet

No. 154-1034 3/16" OD tubing outlet

No. 229-1036 1/8" OD tubing outlet

No. 154-1033 1/4" OD tubing outlet



PILOT VALVES

- 1/8" NPT inlet

No. 154-1024 3/16" OD tubing outlet

No. 228-1082 1/4" OD tubing outlet



PILOT HEAD

No. 154-1039

- For use with pilot tubing No. 154-1040
- 3/16" OD tubing
- Slotted track to fit most pilot brackets



PILOT GAS VALVE

No. 169-1029

- 1/8" NPT inlet x 1/4" OD tubing outlet

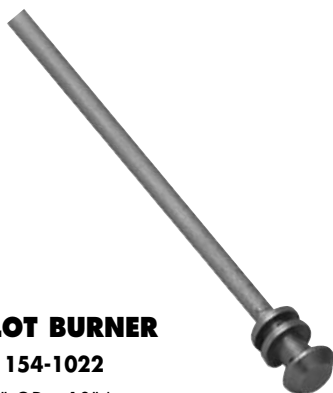
PILOT TUBES

- 36" long
- Steel
- Can be cut to desired length
- Can be easily bent by hand

No. 154-1037 1/8" OD

No. 154-1040 3/16" OD

- For use with pilot head No. 154-1039



PILOT BURNER

No. 154-1022

- 3/16" OD x 18" L



PILOT BURNERS WITH ADJUSTABLE VALVE

- 1/8" NPT inlet
- Includes pilot valve (No. 154-1033)

No. 154-1031 1/4" OD x 12" L

No. 154-1032 1/4" OD x 18" L



PILOT BURNER

No. 146-1016

- 3/16" OD x 10 1/4" L

ORIFICES



ORIFICE KIT

No. 158-1002

- Contains the following items:

4	No. 158-1013	#56 orifice
4	No. 158-1109	#72 orifice
3	No. 158-1014	#56 orifice
3	No. 158-1110	#72 orifice
8	No. 158-1111	#55 orifice
8	No. 158-1108	#70 orifice
4	No. 158-1131	#56 orifice
4	No. 158-1130	#72 orifice
3	No. 187-1017	Pilot orifice
3	No. 187-1018	Pilot orifice
3	No. 154-1030	Pilot orifice
3	No. 154-1029	Pilot orifice
1	No. 154-1025	Pilot orifice elbow
1	No. 154-1026	Pilot orifice elbow
6	$\frac{3}{16}$ " compression nuts and ferrules	
6	$\frac{1}{4}$ " compression nuts and ferrules	



HEX SPUD BURNER ORIFICES

- $\frac{1}{4}$ -36 thread

ITEM No.	SIZE
228-1151	42
228-1150	51
228-1152	53
184-1019	56



HOOD BURNER ORIFICES

ITEM No.	THREAD	
	SIZE	SIZE
197-1111	$\frac{3}{8}$ -27	31
146-1013	$\frac{3}{8}$ -27	34
158-1139	$\frac{3}{8}$ -27	42
146-1012	$\frac{3}{8}$ -27	45
158-1166	$\frac{3}{8}$ -27	50
158-1013	$\frac{3}{8}$ -27	56
158-1109	$\frac{3}{8}$ -27	72
158-1014	$\frac{1}{2}$ -27	56
158-1110	$\frac{1}{2}$ -27	72



HEX SPUD BURNER ORIFICES

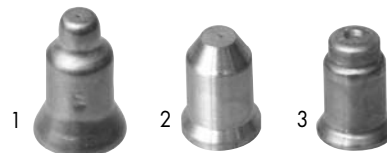
ITEM No.	THREAD	
	SIZE	SIZE
169-1007	$\frac{1}{8}$ " NPT	55
168-1091	$\frac{1}{8}$ " NPT	57
168-1090	$\frac{1}{8}$ " NPT	67
158-1129	$\frac{1}{8}$ " NPT	Blank
175-1051	$1\frac{1}{32}$ -32	35
197-1113	$1\frac{1}{32}$ -32	36
175-1032	$1\frac{1}{32}$ -32	40
175-1052	$1\frac{1}{32}$ -32	52
175-1033	$1\frac{1}{32}$ -32	53
158-1131	$\frac{7}{16}$ -27	56
158-1130	$\frac{7}{16}$ -27	72



THREADED BURNER ORIFICES

- $\frac{1}{8}$ " NPT male x $\frac{1}{8}$ " NPT female

ITEM No.	SIZE
158-1010	52
158-1111	55
158-1011	59
158-1012	67
158-1108	70



PILOT ORIFICES

- Stainless steel

- No. 187-1017** Natural gas
- No. 187-1018** LP gas

- Aluminum

- No. 154-1030** Natural gas
- No. 154-1029** LP gas

- Stainless steel

- No. 154-1041** LP gas
- No. 162-1184** Natural gas



PILOT ORIFICE ELBOWS

- Commonly used on fryers
- $\frac{1}{4}$ " OD tubing inlet
- $\frac{5}{16}$ -32 outlet

- No. 154-1025** LP gas
No. 154-1026 Natural gas

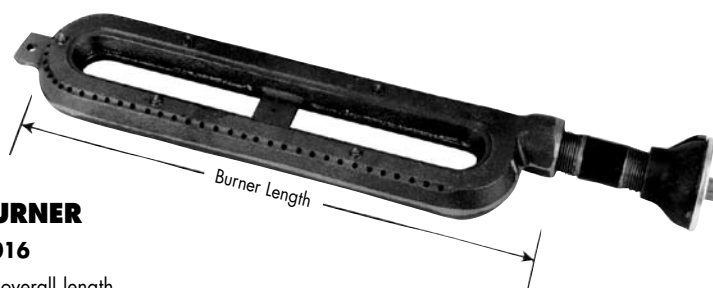


BLANK ORIFICE

No. 187-1046

- Starting hole size #56
- $\frac{1}{4}$ " NPT

BURNERS & ACCESSORIES



LOOP BURNER

No. 156-1016

- 3 1/4" x 18" overall length
- 14" burner length
- 2 3/4" x 1 1 3/8" flame area
- 30,000 BTU
- 1/8" NPS orifice inlet
- Supplied with nipple, air mixing chamber, air mixer plate, and orifices for natural and LP gas

No. 158-1127 Replacement air mixer plate



STRAIGHT BURNER

No. 156-1003

- 22 1/2" overall length
- 7/8" x 15" flame area
- 22,000 BTU
- Includes air mixer plate

No. 184-1015 Replacement air mixer plate

Note: Requires 7/16" OD or smaller slip fit orifice (not included).



AIR MIXING CHAMBERS

- 3/4" NPT outlet
- Includes air mixer plate

No. 158-1133 1/8" NPT inlet

No. 158-1134 7/16" slip inlet

No. 158-1127 Replacement air mixer plate



AIR MIXING CHAMBER

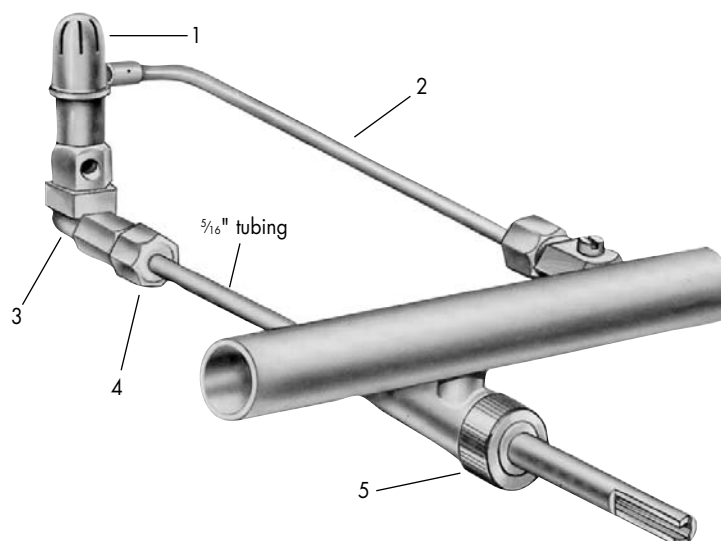
No. 158-1161

- Slip fit for 1" NPT pipe (non-threaded)
- 1/2" slip inlet
- Includes air mixer plate

JET BURNER PARTS

REF

REF No.	ITEM No.	DESCRIPTION
-	130-1065	Knob (not shown)
1.	156-1027	Jet burner—natural gas
1.	156-1026	Jet burner—LP gas
2.	154-1031	12" pilot assembly
2.	154-1032	18" pilot assembly
3.	158-1135	Burner elbow
4.	158-1049	Female connector
5.	158-1117	Gas valve—1/8" NPT inlet



BURNERS & ACCESSORIES

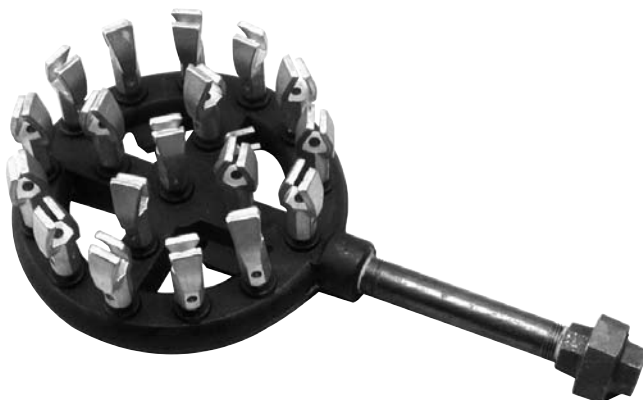
8" SHIELDED TIP BURNER

No. 158-1159

- ½" NPT union connection
- 18 jets
- 8" OD
- Natural gas
- #55 orifice jet burners

PARTS

No. 158-1162 Jet burner



7" SHIELDED TIP BURNER

No. 156-1037

- Commonly used on wok ranges
- 125,000 BTU
- 18 jets
- Natural gas
- Includes pilot burner
- ½" NPT inlet
- #56 orifice jet burners



9" DIAMETER JET BURNERS

- Commonly used on wok ranges
- 110,000 BTU
- 23 jets
- Includes pilot burner and elbow
- ½" NPT inlet

No. 156-1005 Natural gas

No. 156-1007 LP gas

PARTS

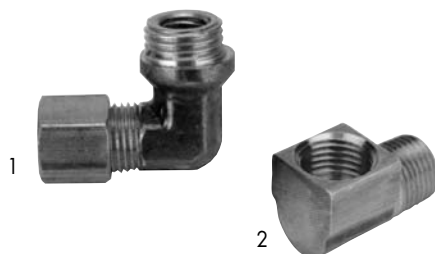
No. 156-1001 Natural gas jet

No. 156-1006 LP gas jet



JET BURNER ELBOWS

1. **No. 197-1030** For use with 5/16"-24 jet burners
 - ¼" OD tubing inlet
2. **No. 158-1135** For use with 7/16"-24 jet burners
 - ⅜" NPT inlet



Single



Double

AIR MIXER PLATES

ITEM No.	CENTER HOLE DIAMETER	FITS AIR MIXING CHAMBER SIZE
SINGLE		
158-1132	1 3/32"	2" diameter
184-1015	7/16"	2 1/8" diameter
158-1127	1 1/16"	2 1/8" diameter
184-1016	7/16"	2 1/2" diameter
DOUBLE		
158-1008	7/16"	2 1/2" diameter
158-1126	1 5/32"	2" diameter



AIR MIXER PLATES

ITEM No.	CENTER HOLE DIAMETER	FITS AIR MIXING CHAMBER SIZE
220-1240	7/16"	1 1/4" diameter
220-1241	7/16"	1" diameter

JET BURNERS

- 2 1/16" long

5/16"-24 THREAD

No. 197-1040 Natural gas

No. 197-1041 LP gas

7/16"-24 THREAD

No. 156-1027 Natural gas

No. 156-1026 LP gas

BURNER CAPS

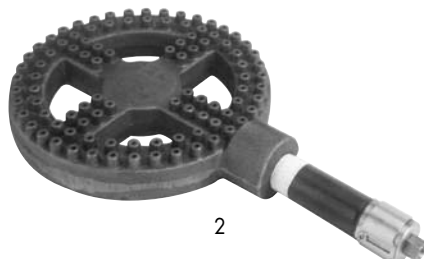
- Used with jet burners Nos. 197-1040 and 197-1041

No. 197-1042 Natural gas

No. 197-1046 LP gas



BURNERS



RING BURNERS

- 1/8" NPS orifice inlet
- Supplied with air mixer plate and orifices for natural and LP gas

REF No.	ITEM No.	BURNER DIAMETER	BTU
1.	156-1013	4"	12,000
2.	156-1015*	7"	28,000

*Unique design allows bottom or side inlet



MUSHROOM BURNER ASSEMBLY

No. 156-1014

- 5" diameter
- 20,000 BTU
- 1/8" NPS orifice inlet
- Supplied with air mixer plate and orifices for natural and LP gas

No. 184-1015 Replacement air mixer plate

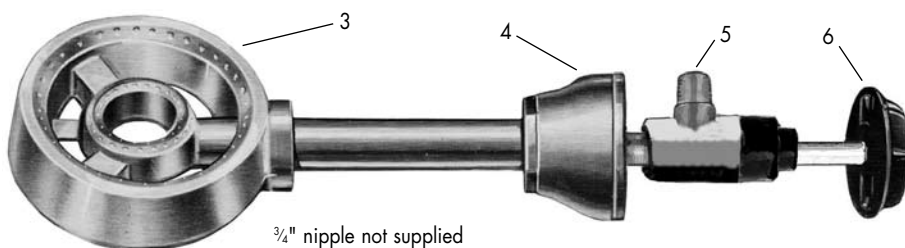


MUSHROOM BURNER ASSEMBLIES

- Space saving compact design
- 1/8" NPS orifice inlet
- Supplied with air mixer plate and orifices for natural and LP gas

ITEM No.	BURNER DIA.	BTU
156-1010	3"	5,000
156-1011	4"	7,000

No. 158-1132 Replacement air mixer plate



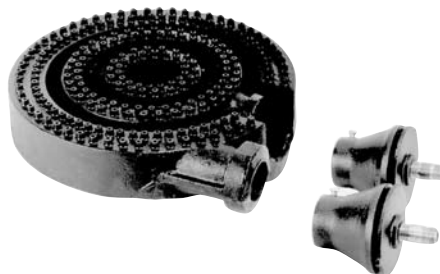
RING BURNERS

REF No.	ITEM No.	DESCRIPTION
3.	156-1018	6" ring burner-20,000 BTU
3.	156-1019	8" ring burner-25,000 BTU

RING BURNER ACCESSORIES

REF No.	ITEM No.	DESCRIPTION
4.	158-1134	Air mixing chamber
5.	158-1112*	Gas valve-1/8" NPT inlet
6.	130-1065	Knob

*Gas valve (No. 158-1112) has adjustable orifice for use with natural or LP gas.



12" RING BURNER

No. 156-1020

- Commonly used on wok ranges
- 125,000 BTU
- 3/8" NPS burner inlet on air mixing chamber
- Supplied with 2 air mixing chambers and plates, 2 orifice nipples, and 2 blank orifices

Note: Requires two 1 1/4" NPT burner nipples (not included).

GAS VALVE KNOBS/HANDLES



GAS VALVE KNOBS

- Commonly used on Wolf
- 2½" diameter
- Fits .35" diameter "D" stem
- Heat resistant plastic

No. 220-1212 Red
No. 220-1213 Black



GAS VALVE KNOB

No. 130-1065

- Fits .35" diameter "D" stem
- Black plastic



BURNER KNOB

No. 166-1143

- Fits .35" diameter "D" stem
- Heat resistant black plastic with red markings
- Commonly used on Southbend units

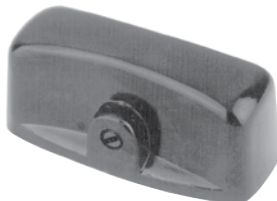
1



2



3



GAS VALVE HANDLES

- Fits most valves and mounts with set screw
- Fits .35" diameter "D" stem

1. **No. 130-1044** Chrome-plated metal
2. **No. 130-1084** Heat resistant red enamel finished metal
3. **No. 158-1004** Heat resistant black Bakelite plastic



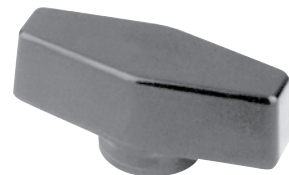
"D" stem position



GAS VALVE HANDLE

No. 162-1143

- Fits .35" diameter "D" stem
- Chrome



GAS VALVE HANDLE

No. 130-1045

- Fits .35" diameter "D" stem
- Heat resistant black plastic



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GAS VALVES



GAS VALVE

No. 158-1113

- Insulated handle
- 1/8" NPT inlet
- Universal orifice from #70 to #43



GAS VALVE

No. 187-1036 Valve only

- 1/2" NPT inlet and outlet
- 3" long brass body
- .35" diameter "D" stem

No. 187-1037 Handle only

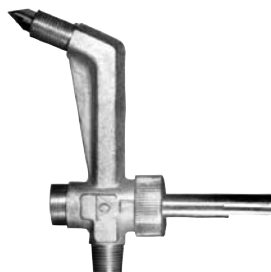


GAS VALVE WITH HANDLE

No. 184-1014 Valve with handle

- 1/2" NPT inlet and outlet
- .35" diameter "D" stem

No. 184-1040 Handle only



GAS VALVE

No. 220-1206

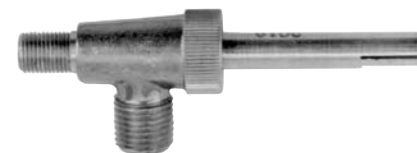
- 1/8" NPT inlet
- 3/8-27 threaded outlet
- .35" diameter "D" stem



GAS VALVE

No. 197-1039

- 1/8" NPT inlet
- 1/4" OD tubing outlet
- .35" diameter "D" stem



GAS VALVE

No. 220-1143

- 1/4" NPT inlet
- 3/8-27 threaded outlet
- .35" diameter "D" stem



GAS VALVES

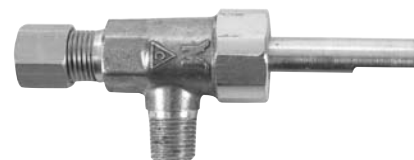
- Concealed manifold type
- 1/8" NPT inlet
- .35" diameter "D" stem

No. 158-1112 1" long stem

- Universal orifice from #72 to #42

No. 158-1124 1 3/8" long stem

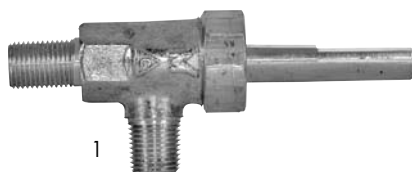
- Universal orifice from #72 to #43



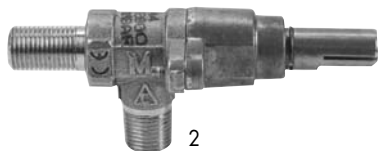
GAS VALVE

No. 228-1270

- 1/4" NPT inlet
- 1/2-27 threaded outlet



1

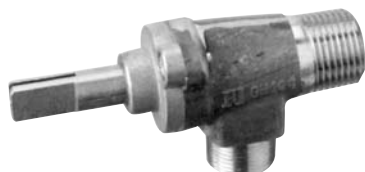


2

GAS VALVES

- Concealed manifold type
- 1/8" NPT inlet
- .35" diameter "D" stem

1. **No. 158-1138** Flat up
 - 1 5/8" long stem
2. **No. 158-1125** Flat down
 - 1" long stem



GAS VALVE

No. 220-1381

- 1/2" compression inlet, 3/8" NPT outlet
- .35" diameter "D" stem



GAS VALVE

No. 218-1288

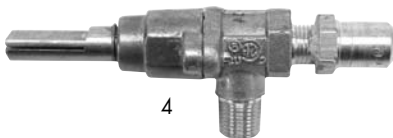
- 1/8" NPT inlet
- 3/8-27 threaded outlet
- .35" diameter "D" stem



NEW



3



4

GAS VALVES

- .35" diameter "D" stem
3. **No. 166-1057** Natural gas
 - Orifice #42
 4. **No. 166-1058** LP gas
 - Orifice #56



GAS VALVE

No. 162-1156

- Orifice #45
- 1/8" NPT inlet



GAS VALVE

No. 184-1085

- 1/8" NPT inlet
- .35" diameter "D" stem flat down in the "Off" position
- 1 1/4" long stem



NEW

GAS VALVES

- 1/8" NPT inlet
- .35" diameter "D" stem
- 1 1/8" long stem

No. 158-1115 1/4" OD tubing

No. 158-1117 5/16" OD tubing

No. 158-1116 3/8" OD tubing



GAS VALVE

No. 166-1094

- 1/8" NPT inlet
- 3/8-27 threaded outlet
- Natural or LP gas
- .35" diameter "D" stem



GAS VALVE

No. 166-1141

- 1/8" NPT inlet
- .35" diameter "D" stem flat down in the "Off" position
- Natural gas
- High and low adjustments



GAS VALVE

No. 228-1059

- 3/8" NPT inlet and outlet
- .35" diameter "D" stem
- 1 1/8" long stem



BURNER VALVE

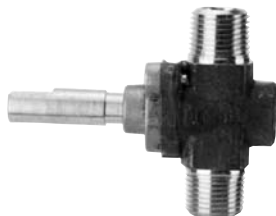
No. 166-1133

- 1/8" NPT inlet, 3/8-27 threaded outlet
- .35" diameter "D" stem

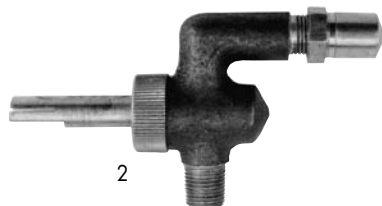
GAS VALVES



1



4

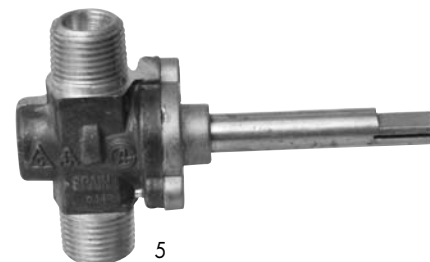


2

GAS VALVE

No. 166-1021

- $\frac{3}{8}$ " NPT inlet and outlet
- .40" diameter "D" stem



5

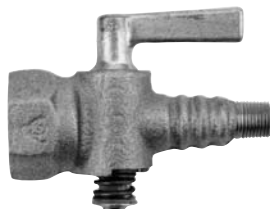


3

GAS VALVES

- .35" diameter "D" stem

- No. 229-1037**
 - $\frac{1}{8}$ " NPT inlet
 - $\frac{3}{8}$ -27 threaded outlet
- No. 229-1078**
 - $\frac{1}{8}$ " NPT inlet
 - Universal orifice #72 to #49
- No. 229-1055**
 - $\frac{1}{4}$ " NPT inlet
 - $\frac{7}{16}$ " compression outlet
- No. 229-1034**
 - $\frac{1}{8}$ " NPT inlet
 - $\frac{7}{16}$ " compression outlet



GAS VALVE

No. 158-1107

- $\frac{3}{8}$ " NPT inlet
- $\frac{1}{8}$ " NPT outlet

GAS VALVES

- .35" diameter "D" stem

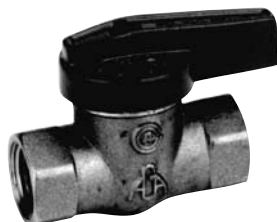
- No. 228-1065**
 - $\frac{1}{4}$ " NPT inlet
 - $\frac{7}{16}$ " compression thread
- No. 228-1064**
 - $\frac{1}{4}$ " NPT inlet
 - $\frac{1}{2}$ " compression thread
- No. 228-1176**
 - $\frac{3}{8}$ " NPT inlet/outlet



GAS VALVE EXTENSION

No. 158-1114

- Extends stem from $\frac{7}{8}$ " to $3\frac{1}{2}$ "
- Fits .35" diameter "D" stem
- Can be easily cut



GAS BALL VALVES

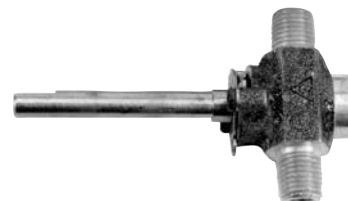
- No. 158-1017** $\frac{3}{8}$ " NPT
No. 158-1018 $\frac{1}{2}$ " NPT
No. 158-1019 $\frac{3}{4}$ " NPT



GAS VALVE

No. 166-1112

- $\frac{1}{8}$ " NPT inlet/outlet
- $\frac{1}{4}$ " NPT adaptor
- .35" diameter "D" stem



GAS VALVE

No. 220-1274

- $\frac{3}{8}$ " NPT inlet and outlet
- .40" diameter "D" stem
- Quarter-turn valve

GAS CONNECTOR KITS by DORMONT®



GAS CONNECTOR KIT

No. 157-1094

- 1" NPT fittings
- Includes 60" heavy-duty gas hose with plastic coating, Swivel Max®, Safety Quik® disconnect, 1 street elbow, equipment restraining device, and hardware
- Dormont no. 16100KITCFS60



GAS CONNECTOR KITS

- 3/4" NPT fittings
- Includes heavy-duty gas hose with plastic coating, Swivel Max®, SnapFast® disconnect, ball valve, 1 street elbow, equipment restraining device, and hardware

No. 157-1081 36" long

- Dormont no. 1675KITS36

No. 157-1082 48" long

- Dormont no. 1675KITS48



GAS CONNECTOR KITS

- 3/4" NPT fittings
- Includes heavy-duty gas hose with plastic coating, Safety Quik® disconnect, 2 Swivel Max®, 1 coupling, equipment restraining device, and hardware

No. 157-1084 36" long

- Dormont no. 1675KITCF2S36

No. 157-1085 48" long

- Dormont no. 1675KITCF2S48



GAS CONNECTOR KITS

- 1/2" NPT fittings
- Includes heavy-duty gas hose with plastic coating, SnapFast® disconnect, ball valve, 2 street elbows, equipment restraining device, and hardware

No. 157-1091 36" long

- Dormont no. 1650KIT36

No. 157-1092 48" long

- Dormont no. 1650KIT48



GAS CONNECTOR KITS

- 3/4" NPT fittings
- Includes heavy-duty gas hose with plastic coating, Swivel Max®, SnapFast® disconnect, 1 street elbow, equipment restraining device, and hardware

No. 157-1095 48" long

- Dormont no. 1675BPQSR48

No. 157-1096 60" long

- Dormont no. 1675BPQSR60



GAS CONNECTOR KIT

No. 157-1098

- 1" NPT fittings
- Includes 48" heavy-duty gas hose with plastic coating, 2 Swivel Max® fittings, and 1 Safety Quik® quick disconnect
- Dormont no. 16100BPCF2S48

All plastic-coated gas hoses are constructed of heavy-duty, flexible, corrugated stainless steel tubing covered by a tight-weave stainless steel braid and then coated with antimicrobial PVC coating to inhibit the growth of bacteria, mold, and mildew on the gas connector.

GAS CONNECTOR KITS by DORMONT®



GAS CONNECTOR KIT

No. 157-1090

- 1" NPT fittings
- Kit includes: 48" long heavy-duty gas hose with plastic coating, Swivel Max®, SnapFast® disconnect, ball valve, equipment restraining device, street elbow, and hardware
- Dormont no. 16100KITS48



GAS CONNECTOR KIT

No. 157-1109

- 3/4" NPT fittings
- Includes 36" long heavy-duty gas hose with plastic coating, Swivel Max®, Safety Quik® disconnect, and street elbow
- Dormont no. 1675BPCFS36



COUNTERTOP GAS CONNECTOR KITS

- 1/2" NPT inlet and outlet
- Includes heavy-duty gas hose with plastic coating, 3/4" x 1/2" NPT reducing elbow, 1/2" NPT elbow, and 1/2" NPT ball valve

No. 157-1120 24" long

- Dormont no. CT1650KIT24

No. 157-1121 36" long

- Dormont no. CT1650KIT36



GAS CONNECTOR KITS

- Includes heavy-duty gas hose with plastic coating, Safety Quik® disconnect, and street elbow

3/4" NPT FITTINGS

No. 157-1107 36" long

- Dormont no. 1675BPCF36

No. 157-1108 48" long

- Dormont no. 1675BPCF48

1" NPT FITTINGS

No. 157-1099 36" long

- Dormont no. 16100BPCF36



GAS CONNECTOR KITS

- Includes heavy-duty gas hose with plastic coating, SnapFast® disconnect, and street elbow

3/4" NPT FITTINGS

No. 157-1111 36" long

- Dormont no. 1675BPQ36

No. 157-1112 48" long

- Dormont no. 1675BPQ48

1" NPT FITTINGS

No. 157-1103 36" long

- Dormont no. 16100BPQ36

No. 157-1104 48" long

- Dormont no. 16100BPQ48



COUNTERTOP GAS CONNECTOR KITS

- 1/2" NPT inlet and outlet
- Includes heavy-duty gas hose with plastic coating, 3/4" x 1/2" NPT reducing elbow and 1/2" NPT elbow

No. 157-1118 24" long

- Dormont no. CT165024

No. 157-1119 36" long

- Dormont no. CT165036

All plastic-coated gas hoses are constructed of heavy-duty, flexible, corrugated stainless steel tubing covered by a tight-weave stainless steel braid and then coated with antimicrobial PVC coating to inhibit the growth of bacteria, mold, and mildew on the gas connector.

GAS HOSE ACCESSORIES by DORMONT®

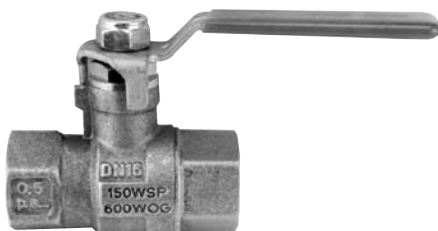


SAFETY QUIK® QUICK DISCONNECT VALVES

- One-handed operation
- Streamlined design saves space
- Thermal shut-off stops at internal temperatures of 300°F
- Safety sleeve keeps gas connector attached until valve is shut off, and the valve cannot open until the connector is attached
- Flat face quick disconnect keeps dirt and grime from entering
- AGA and CGA design certified

No. 157-1083 3/4" NPT
• Dormont nos. CF75, CF75P1

No. 157-1113 1" NPT
• Dormont no. CF100



HEAVY-DUTY BALL VALVES

- Brass

No. 117-1084 1/2" NPT
• Dormont no. 50FV

No. 117-1085 3/4" NPT
• Dormont no. 75FV

No. 117-1081 1" NPT
• Dormont no. 100FV

No. 117-1083 1 1/4" NPT
• Dormont no. 125FV



SNAPFAST® QUICK DISCONNECT COUPLINGS

- One-handed operation
- Allows gas appliances to be disconnected from gas supply quickly and easily
- Quick disconnect automatically shuts off gas supply
- Thermal shut-off safety feature stops gas flow when temperatures exceed 350°F

No. 157-1041 1/2" NPT
• Dormont nos. A50, A50R

No. 157-1050 3/4" NPT
• Dormont nos. A75, A75BX, A75R

No. 157-1059 1" NPT
• Dormont no. A100

No. 157-1068 1 1/4" NPT
• Dormont no. A125



QUICK DISCONNECT COUPLING

No. 157-1087

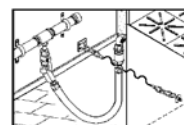
- 3/4" NPT
- Two-handed operation
- Thermal shut-off safety feature stops gas flow when temperatures exceed 350°F
- Dormont no. B75



EQUIPMENT RESTRAINING CABLE

No. 133-1024

- Limits movement of equipment to protect gas hoses and electrical connections
- A must for equipment on casters
- Adjusts to 6' long
- Restraining cable must be adjusted shorter than the gas or electrical connection
- Includes mounting hardware
- Dormont no. RD72



RESTRAINING CABLES

- Limits movement of mobile equipment to protect gas hoses and electrical connections
- Includes mounting hardware
- ANSI compliant
- Coiled plastic-coated steel

No. 157-1089 For use with 36" (914mm) hoses
• Dormont no. RDC36

No. 157-1114 For use with 48" (1219mm) hoses
• Dormont no. RDC48



POSI-SET™ CASTER CHANNELS



No. 157-1088

- Ensures mobile equipment is properly repositioned after maintenance
- 9 3/4" x 4 1/4" x 1" (248mm x 108mm x 25mm)
- Includes mounting hardware
- ANSI compliant
- Set of 2
- Dormont no. PS

Note: Install on floor surface below rear casters.



SWIVEL MAX® FITTINGS

- Swivel action increases the life span of gas hoses by reducing stress caused by bends and twists
- Allows 360° multi-plane rotation at midpoint
- Equipment can be placed closer to the wall and easily be moved for cleaning and servicing

No. 157-1077 1/2" NPT x 1/2" NPT
• Dormont nos. S50, SM50

No. 157-1078 3/4" NPT x 3/4" NPT
• Dormont nos. S75, S75P1, SM75, SM75R

No. 157-1079 1" NPT x 1" NPT
• Dormont nos. S100, SM100

No. 157-1086 1 1/4" NPT x 1 1/4" NPT
• Dormont nos. S125, SM125

GAS HOSES by DORMONT®

HEAVY-DUTY GAS HOSES

- Ideal for equipment on casters
- One-piece end with integrated swivel
- Stressguard® Technology
- Corrugated stainless steel inner hose covered by a stainless steel braid which provides extra strength
- Includes installation instructions

ITEM No.	SIZE	LENGTH	DORMONT No.
157-1042	½" NPT	24"	1650B24
157-1044	½" NPT	36"	1650B36
157-1046	½" NPT	48"	1650B48
157-1048	½" NPT	60"	1650B60
157-1051	¾" NPT	24"	1675B24, 1675B24BX
157-1053	¾" NPT	36"	1675B36, 1675B36BX
157-1055	¾" NPT	48"	1675B48, 1675B48BX
157-1057	¾" NPT	60"	1675B60
157-1060	1" NPT	24"	16100B24
157-1062	1" NPT	36"	16100B36
157-1064	1" NPT	48"	16100B48
157-1069	1½" NPT	24"	16125B24
157-1071	1½" NPT	36"	16125B36
157-1073	1½" NPT	48"	16125B48



HEAVY-DUTY GAS HOSES WITH PLASTIC COATING

- Ideal for equipment on casters
- One-piece end with integrated swivel
- Stressguard® Technology
- Corrugated stainless steel inner hose covered by a stainless steel braid with a smooth plastic finish for easy cleaning
- Includes installation instructions

ITEM No.	SIZE	LENGTH	DORMONT No.
157-1043	½" NPT	24"	1650BP24
157-1045	½" NPT	36"	1650BP36
157-1047	½" NPT	48"	1650BP48
157-1049	½" NPT	60"	1650BP60
157-1052	¾" NPT	24"	1675BP24, 1675BP24BX
157-1054	¾" NPT	36"	1675BP36, 1675BP36BX
157-1056	¾" NPT	48"	1675BP48, 1675BP48BX
157-1058	¾" NPT	60"	1675BP60
157-1061	1" NPT	24"	16100BP24
157-1063	1" NPT	36"	16100BP36
157-1065	1" NPT	48"	16100BP48
157-1067	1" NPT	60"	16100BP60
157-1072	1½" NPT	36"	16125BP36
157-1074	1½" NPT	48"	16125BP48
157-1076	1½" NPT	60"	16125BP60



To increase lifespan of your gas hoses, use Swivel Max® Fittings.

GAS HOSES

- Ideal for stationary equipment

CORRUGATED STAINLESS STEEL HOSE

ITEM No.	SIZE	LENGTH	DORMONT No.
157-1029	½" NPT	24"	30-3132-24
157-1031	½" NPT	36"	30-3132-36
157-1033	½" NPT	48"	30-3132-48
157-1035	¾" NPT	24"	1675NFS24
157-1037	¾" NPT	36"	1675NFS36
157-1039	¾" NPT	48"	1675NFS48

CORRUGATED STAINLESS STEEL HOSE WITH PLASTIC COATING*

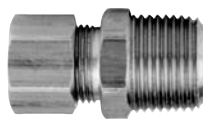
ITEM No.	SIZE	LENGTH	DORMONT No.
157-1032	½" NPT	36"	1650NPFS36
157-1034	½" NPT	48"	1650NPFS48
157-1036	¾" NPT	24"	1675NPFS24
157-1038	¾" NPT	36"	1675NPFS36
157-1040	¾" NPT	48"	1675NPFS48

*These hoses do not have stainless steel braiding



All plastic-coated gas hoses are constructed of heavy-duty, flexible, corrugated stainless steel tubing covered by a tight-weave stainless steel braid and then coated with antimicrobial PVC coating to inhibit the growth of bacteria, mold and mildew on the gas connector.

BRASS COMPRESSION FITTINGS



MALE CONNECTORS

No. 158-1153	1/8" OD tubing x 1/8" NPT
No. 158-1070	3/16" OD tubing x 1/8" NPT
No. 158-1071	3/16" OD tubing x 1/4" NPT
No. 158-1067	1/4" OD tubing x 1/8" NPT
No. 158-1068	1/4" OD tubing x 1/4" NPT
No. 158-1155	3/8" OD tubing x 1/8" NPT
No. 158-1074	3/8" OD tubing x 1/4" NPT
No. 158-1075	3/8" OD tubing x 3/8" NPT
No. 158-1080	7/16" OD tubing x 1/4" NPT
No. 158-1081	7/16" OD tubing x 3/8" NPT



FEMALE CONNECTORS

No. 158-1152	3/16" OD tubing x 1/8" NPT
No. 158-1048	1/4" OD tubing x 1/8" NPT
No. 158-1049	5/16" OD tubing x 1/8" NPT
No. 158-1051	3/4" OD tubing x 1/8" NPT



ELBOW

No. 158-1033	3/8" OD tubing
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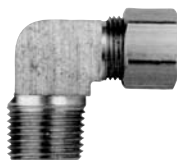
TEES

No. 158-1150	1/8" OD tubing
No. 158-1044	3/16" OD tubing
No. 158-1043	1/4" OD tubing



COUPLINGS

No. 158-1149	1/8" OD tubing
No. 158-1038	3/16" OD tubing
No. 158-1037	1/4" OD tubing
No. 158-1040	5/16" OD tubing
No. 158-1039	3/8" OD tubing
No. 158-1041	7/16" OD tubing
No. 158-1036	1/2" OD tubing



ELBOW CONNECTORS

No. 158-1093	3/8" OD tubing x 3/8" NPT
No. 158-1097	7/16" OD tubing x 3/8" NPT
No. 158-1098	7/16" OD tubing x 1/4" NPT



FERRULES

No. 158-1147	1/8" OD tubing
No. 158-1060	3/16" OD tubing
No. 158-1059	1/4" OD tubing
No. 158-1062	5/16" OD tubing
No. 158-1061	3/8" OD tubing
No. 158-1063	7/16" OD tubing
No. 158-1058	1/2" OD tubing



NUTS

No. 158-1146	1/8" OD tubing
No. 158-1054	3/16" OD tubing
No. 158-1053	1/4" OD tubing
No. 158-1056	5/16" OD tubing
No. 158-1055	3/8" OD tubing
No. 158-1057	7/16" OD tubing
No. 158-1052	1/2" OD tubing



COMPRESSION NUT AND FERRULE KIT

No. 158-1003

- Contains 106 of the following fittings for OD tubing:

NUTS		FERRULES		COUPLINGS	
QTY.	SIZE	QTY.	SIZE	QTY.	SIZE
5	3/16"	12	3/16"	2	3/16"
5	1/4"	12	1/4"	2	1/4"
5	5/16"	12	5/16"	2	5/16"
5	3/8"	12	3/8"	2	3/8"
5	7/16"	12	7/16"	2	7/16"
3	1/2"	6	1/2"	2	1/2"



BREAKAWAY FERRULES

No. 158-1119	1/8" OD tubing
No. 158-1120	3/16" OD tubing
No. 158-1121	1/4" OD tubing
No. 158-1122	3/8" OD tubing
No. 158-1123	7/16" OD tubing



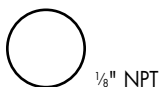
TUBING REDUCERS

No. 158-1027	3/16" to 1/8" OD tubing
No. 158-1028	1/4" to 3/16" OD tubing

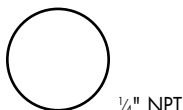
EASY-TO-USE PIPE SIZE CHART

These circles show the outside thread diameters of various size male pipe threads. Compare pipe thread with chart to determine its size.

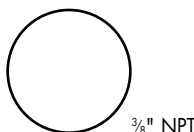
Note: The inside diameter of female pipe threads measures approximately $\frac{3}{8}$ " less than male.



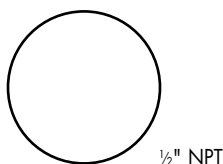
$\frac{1}{8}$ " NPT



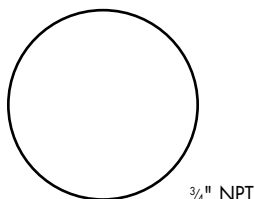
$\frac{1}{4}$ " NPT



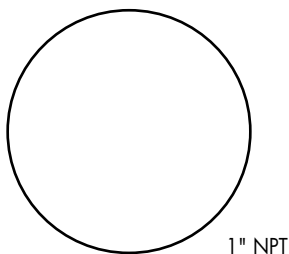
$\frac{3}{8}$ " NPT



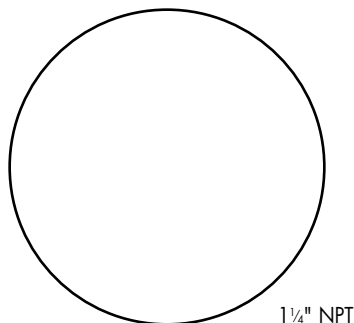
$\frac{1}{2}$ " NPT



$\frac{3}{4}$ " NPT



1" NPT



1 $\frac{1}{2}$ " NPT



FLARING TOOL

No. 142-1013

- One-piece tool allows quick and easy flaring of 6 common tubing sizes
- For use with the following tubing: aluminum, annealed brass, copper, stainless steel, steel, and others
- Heavy-duty construction
- Adjustable gripping pressure
- Rotate the clamp blocks to flare $\frac{3}{16}$ ", $\frac{1}{4}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{1}{2}$ ", $\frac{5}{8}$ " OD tubing



ALUMINUM TUBING

- 50' roll

No. 158-1103 $\frac{3}{16}$ " OD

No. 158-1102 $\frac{1}{4}$ " OD

No. 158-1105 $\frac{5}{16}$ " OD

No. 158-1104 $\frac{3}{8}$ " OD

No. 158-1106 $\frac{7}{16}$ " OD

LEAK DETECTOR

No. 143-1007

- Better than using a soap solution
- Locates high or low pressure gas leaks
- For use above 32°F
- $\frac{1}{2}$ pint jar with wool applicator



PIPE JOINT COMPOUND

No. 117-1036

- For use with water, steam and gas
- Non-corrosive
- 8 oz (237ml)
- Brush in cap



NON-INVERTED IMAGE INSPECTION MIRROR

No. 142-1481

- Optical quality glass prism provides non-inverted image
- Shock resistant plastic housing
- Multiple joints allow access to even the toughest spots
- Convenient pocket clip



EXTENDIBLE INSPECTION MIRROR

No. 142-1017

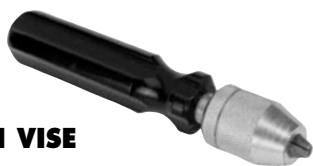
- All-angled ball joint swivel
- Stainless steel mirror back
- Fits in pocket and includes clip
- 1 $\frac{1}{4}$ " round mirror
- Folded: 5 $\frac{1}{2}$ "; extends to: 18 $\frac{1}{2}$ "
- Magnetic handle



EXTENDIBLE MATCH HOLDER

No. 142-1215

- Ideal for lighting pilots
- Extends from 6" to 24"
- With pocket clip



PIN VISE

No. 142-1214

- Ideal for holding orifice drills and reamers
- Provides a better grip and more turning power



REAMER

No. 142-1211

- Ideal for orifices and other small objects
- $\frac{3}{32}$ " diameter
- Comes with cover



BROACH TIP

No. 142-1364

- Ideal for cleaning pilot orifices



BURNER PORT TIP CLEANER SET

No. 133-1442

- For cleaning gas port holes on various burners
- Nine 2" (51mm) long tip cleaners in different diameters



GAS DETECTOR

No. 142-1526

- Detects natural and LP gas
- Audible and visual alerts
- 6 $\frac{7}{8}$ " (175mm) overall length
- Includes 2 AA batteries and wrist strap

No. 253-1241 Replacement AA battery

WATER-TYPE MANOMETER

No. 142-1217

- For measuring gas pressure
- 0" to 16" of water column scale
- Tubing included



GAS SHUT-OFF WRENCH

No. 142-1535

- Accommodates a variety of gas line shut-offs
- 10 $\frac{1}{8}$ " x 1 $\frac{1}{4}$ " (257mm x 32mm)
- Black enameled cast iron



ORIFICE DRILL KIT

No. 142-1212

- Set contains 41 drill sizes #40 through #80 and tapered broach
- All drills are permanently bonded into brass handles
- Natural and LP gas conversion chart included
- Plastic storage case



ADJUSTABLE ORIFICE DRILLS

- Convenient and easy to use with number sizes printed on tool shank
- Simply slide to required size and lock in place
- Steel blade with aluminum handle

No. 142-1341 #31 to #52

No. 142-1340 #50 to #80



ACID BRUSH

No. 142-1289



GAS PRESSURE TEST KITS

- Special nipple allows easy connection to manifold
- Easily and accurately measures gas pressure
- Plastic storage case

No. 142-1218 0" to 35" of water column scale (not shown)

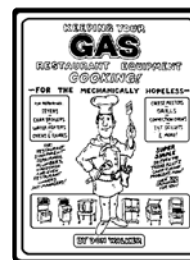
No. 142-1421 0" to 15" of water column scale



SMALL RADIUS TUBING CUTTER

No. 142-1216

- Only requires 1 $\frac{1}{4}$ " radius
- For $\frac{1}{8}$ " to $\frac{7}{8}$ " OD tubing



GAS EQUIPMENT REPAIR BOOK

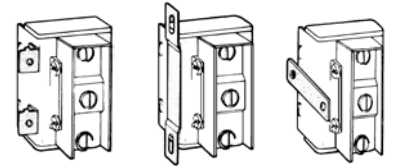
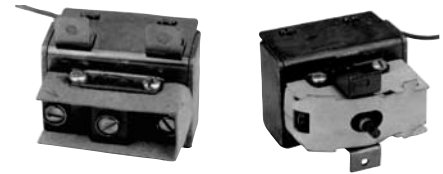
If you sell, repair, or own restaurant equipment, you need this book; it's the same one used by many restaurant equipment repair people.

No. 142-1156

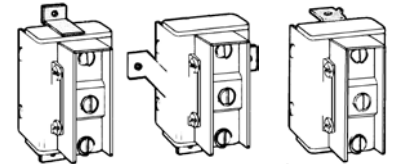
- Easy-to-read, easy-to-follow directions
- Written simply but completely by a technician with years of experience
- Illustrated with useful drawings and how-to instructions

ROBERTSHAW SERIES HIGH LIMIT CONTROLS

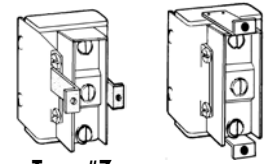
ITEM No.	RSW TYPE	FIXED TEMP.	CAP. LENGTH	BULB SIZE	STUFFING BOX SIZE	MOUNT BRKT.	RESET
218-1082	LC	450°F	36"	5/16" x 3 5/8"	3/8" NPT	#1	Manual
202-1140	LC	490°F	30"	1/4" x 6 1/2"	None	#4	Manual
228-1155	LCC	450°F	60"	1/4" x 4 7/8"	3/8" NPT	#1	Automatic
196-1061	LCCM	425°F	36"	1/4" x 3 5/8"	1/4" NPT	#7	Automatic
172-1068	LCH	440°F	24"	1/4" x 4 7/8"	None	#2	Manual
173-1033	LCH	440°F	24"	1/4" x 4 7/8"	Panel Nut	#7	Manual
194-1084	LCH	450°F	36"	5/16" x 3 5/8"	None	#4	Manual
202-1139	LCH	490°F	30"	1/4" x 6 1/2"	None	#6	Manual
218-1057	LCH	450°F	30"	5/16" x 3 5/8"	None	#1	Manual
228-1000	LCH	460°F	24"	1/4" x 4 7/8"	None	#6	Manual
194-1085	LCHM	440°F	36"	5/16" x 3 5/8"	3/8" NPT	#15	Manual
175-1061	LCHM	450°F	30"	1/4" x 4 7/8"	1/4" NPT	#3	Manual



Type #1 Type #2 Type #3



Type #4 Type #5 Type #6

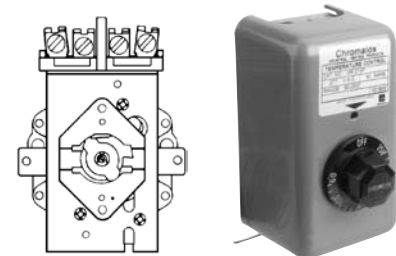


Type #7 Type #15

ROBERTSHAW D1/D18 THERMOSTATS

- Includes dial, bezel, pilot light, and mounting bracket

ITEM No.	TEMP. RANGE	CAPILLARY LENGTH	BULB SIZE	STUFFING BOX	REPLACEMENT DIAL
250-1015	60° to 250°F	60"	3/8" x 4 1/2"	None	130-1057
250-1027	60° to 250°F	84"	1/4" x 5 5/32"	None	130-1057
194-1017	100° to 200°F	48"	3/8" x 5 3/4"	3/8"	130-1058
250-1018	100° to 450°F	60"	3/16" x 13"	None	130-1059
250-1019	100° to 550°F	60"	3/16" x 13"	None	130-1060
172-1064	200° to 400°F	36"	3/8" x 5 3/4"	3/8"	130-1061
250-1016	200° to 400°F	60"	5/16" x 7 1/2"	None	130-1061

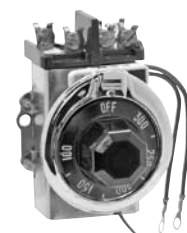


No. 250-1027

ROBERTSHAW D33 THERMOSTAT

- Includes dial, bezel, and pilot light

ITEM No.	TEMP. RANGE	CAPILLARY LENGTH	BULB SIZE	THERMOSTAT TYPE	REPLACEMENT DIAL
201-1097	100° to 300°F	48"	5/16" x 8 1/8"	D33/D338	No. 201-1000



No. 201-1097

**ROBERTSHAW 5300 & 5210 ELECTRIC THERMOSTATS
(LISTED BY THERMOSTAT TYPE)**

ITEM No.	TEMP. RANGE	CAP. LENGTH	BULB SIZE	BRACKET TYPE	DIAL INCLUDED	COMMENTS	REPLACEMENT DIAL
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B10-TYPE (SPST, breaks on temperature rise, 20 amp at 115 volt AC)

180-1005	60° to 210°F	36"	3/16" x 15 3/8"	#1	N		M
220-1373	100° to 450°F	24"	3/16" x 11 1/2"	#1	N	C	N

EA3-TYPE (SPST, breaks on temperature rise, 25 amp at 250 volt AC)

175-1058	200° to 400°F	36"	3/8" x 5 5/8"	#1	Y	F	Q
169-1038	240° to 400°F	30"	5/16" x 9 7/8"	#1	Y		L

G1-TYPE (SPST, breaks on temperature rise, dipsealed)

165-1032	175° to 425°F	49"	1/4" x 5 7/8"	#1	N	C	-
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K-TYPE (SPST, breaks on temperature rise, 25 amp at 250 volt AC)

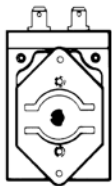
160-1227	100° to 200°F	24"	3/8" x 5 1/4"	#1	N		-
172-1002	100° to 200°F	36"	1/4" x 12 5/16"	#1	N		L
250-1006	100° to 290°F	48"	1/2" Dia. Coil	#1	N	C,G	L
160-1021	100° to 450°F	12"	1/4" x 5 3/16"	#1	Y		N
172-1074	100° to 450°F	24"	1/4" x 7"	#1	Y		N
173-1062	100° to 450°F	36"	3/16" x 11 3/8"	#1	Y		N
173-1067	100° to 450°F	36"	3/16" x 11 3/8"	#1	N	K	N
187-1077	140° to 500°F	36"	3/16" x 11 3/8"	#1	N		P
172-1065	150° to 200°F	36"	1/4" x 14 3/8"	#1	Y		L
228-1187	175° to 550°F	60"	3/16" x 11 3/8"	#1	N		R
173-1036	200° to 375°F	20"	3/8" x 5 3/4"	#1	Y	D	Q
228-1191	200° to 400°F	96"	5/16" x 8 1/16"	#1	Y		Q
202-1127	200° to 550°F	72"	3/16" x 10"	#5	Y		R
171-1092	250° to 505°F	10"	5/16" x 8"	#1	Y		L
169-1043	250° to 375°F	30"	5/16" x 9 1/2"	#1	N		L
189-1045	250° to 550°F	36"	3/16" x 16 1/8"	#1	Y		L

KA-TYPE (model K with SPST auxiliary switch which breaks in "Off" position)

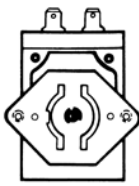
173-1037	60° to 250°F	14"	3/8" x 4 1/2"	#1	Y	A,D	M
173-1060	100° to 200°F	72"	5/16" x 8 1/2"	#1	N	G,K	L
173-1094	100° to 493°F	42"	3/16" x 12"	#1	N	A	-
160-1016	100° to 550°F	72"	1/4" x 5 1/16"	#1	N	A	L
197-1008	140° to 500°F	48"	1/4" x 7 1/16"	#1	Y	A	L

KM-TYPE (SPST, breaks on temperature rise with mercury-filled bulb, temperature range to 850°F)

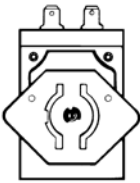
172-1067	250° to 800°F	48"	1/8" x 8 7/8"	#1	N		L
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Type #1



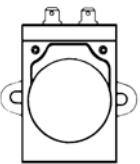
Type #3



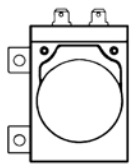
Type #5



Type #6



Type #7



Type #8



**SEE NEXT
PAGE FOR
COMMENT AND
REPLACEMENT
DIAL LEGENDS.**

ROBERTSHAW 5300 & 5210 ELECTRIC THERMOSTATS (continued)

LEGEND FOR
COMMENTS

- A** With auxiliary switch
B Screwdriver adjustment
C Dipsealed
D Has panel nut
E Uni kit
F 1/4" stuffing box
G 3/8" stuffing box
H Fiberglass cap shield
I Pointer-type adjustment
J 2" break-off shaft
K Curved bulb

LEGEND FOR
REPLACEMENT
DIALS

ITEM No.	TEMP. RANGE
L 130-1001	1 to 10
M 130-1002	60° to 250°F
N 130-1004	100° to 450°F
O 220-1171	175° to 500°F
P 187-1101	200° to 500°F
Q 130-1007	200° to 400°F
R 130-1008	200° to 550°F
S 130-1009	300° to 700°F
T 168-1194	230° to 375°F

ITEM No.	TEMP. RANGE	CAP. LENGTH	BULB SIZE	BRACKET TYPE	DIAL INCLUDED	COMMENTS	REPLACEMENT DIAL
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KNP-TYPE (SPST, direct acting, contacts open on temperature rise, used on applications that may reach 1000°F, with positive "Off")

202-1125	250° to 950°F	36"	5/32" x 8 1/4"	#5	N		L
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KP-TYPE (Model K with positive "Off" position)

201-1096	125° to 325°F	36"	1/4" x 12"	#1	Y		L
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KX-TYPE (SPST, breaks on temperature rise, used on low current pilot duty circuits, 120/277 volt AC)

228-1182	100° to 450°F	36"	3/16" x 11 5/8"	#1	N	C	N
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230-1002	100° to 450°F	36"	3/16" x 12 5/8"	#1	N	C	N
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202-1153	100° to 425°F	12"	3/16" x 11 5/8"	#3	Y		N
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187-1108	140° to 550°F	36"	3/16" x 11 5/8"	#1	N		R
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164-1046	150° to 475°F	48"	3/16" x 11"	#1	Y		L
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220-1157	175° to 500°F	36"	3/16" x 12 1/4"	#1	N		O
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166-1111	175° to 500°F	60"	3/16" x 11 5/8"	#1	N		-
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228-1188	175° to 500°F	60"	3/16" x 11 5/8"	#1	N		R
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218-1091	200° to 400°F	18"	3/8" x 5 3/8"	#1	Y	G	Q
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250-1026	200° to 400°F	24"	5/16" x 5 5/8"	#1	Y	G	Q
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228-1091	200° to 400°F	48"	1/4" x 12 1/8"	#1	Y	C,G	Q
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162-1094	200° to 500°F	36"	3/16" x 11 3/4"	#1	Y	C	P
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169-1039	245° to 400°F	30"	5/16" x 10 1/2"	#1	N	C,H	Q
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230-1003	425°F Fixed	36"	3/16" x 12 1/4"	#1	N	C	-
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KXA-TYPE (model KX with SPST auxiliary switch which breaks in "Off" position)

202-1136	200° to 400°F	24"	3/16" x 6 7/16"	#5	Y	A	Q
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KXL-TYPE (model KX, meets UL requirement as a Limit Control)

175-1060	435°F Fixed	36"	3/16" x 5 7/8"	#1	N	C,F	-
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KXP-TYPE (model KX, has positive "Off" added)

170-1163	100° to 450°F	54"	3/16" x 12"	#1	N		-
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250-1011	175° to 550°F	60"	3/16" x 11 5/8"	#6	Y	E	R
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202-1135	200° to 400°F	24"	3/16" x 6 1/2"	#5	Y		Q
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RX-TYPE (millivolt direct current, hermetically sealed reed switches, rated for .67 amp at 5 volts DC)

168-1194	200° to 375°F	24"	5/16" x 4 3/4"	#1	N	F	T
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194-1080	200° to 375°F	36"	3/8" x 5 3/8"	#1	N	G	Q
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228-1192	200° to 400°F	24"	3/8" x 5 5/8"	#1	N		Q
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169-1040	200° to 400°F	30"	3/8" x 7 3/4"	#1	N	H	-
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196-1060	200° to 400°F	36"	3/8" x 5 5/8"	#1	Y	F	Q
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ROBERTSHAW 5300 & 5210 ELECTRIC THERMOSTATS (continued)

ITEM No.	TEMP. RANGE	CAP. LENGTH	BULB SIZE	BRACKET TYPE	DIAL INCLUDED	COMMENTS	REPLACEMENT DIAL
S-TYPE (SPST, breaks on temperature rise, 30 amp resistive at 277 volt AC)							
232-1078	60° to 250°F	48"	3/8" x 4"	#1	Y		—
204-1090	100° to 200°F	12"	3/8" x 4 3/32"	#7	N	G,I	—
180-1007	100° to 325°F	24"	3/16" x 1 1 5/8"	#1	N		N
202-1152	100° to 450°F	36"	3/16" x 8 3/8"	#5	Y		N
172-1066	150° to 450°F	48"	3/16" x 1 1 5/8"	#1	N		N
229-1084	175° to 550°F	42"	3/16" x 1 1 1/2"	#1	Y		R
218-1251	200° to 400°F	18"	3/8" x 5 3/8"	#1	N		Q
172-1063	200° to 400°F	24"	3/8" x 5 1/8"	#1	N		Q
230-1001	200° to 400°F	48"	5/16" x 7 1/2"	#1	N		Q
218-1111	200° to 400°F	60"	5/16" x 8 3/16"	#1	Y		Q
202-1128	200° to 450°F	36"	3/16" x 10"	#5	Y		L
202-1130	200° to 500°F	36"	3/16" x 12 3/4"	#5	Y		L

SA-TYPE (model S with SPST auxiliary switch which breaks in "Off" position)

218-1089	150° to 450°F	24"	3/8" x 3 1 1/8"	#1	Y	A	N
202-1008	150° to 450°F	36"	1/8" x 23 3/16"	#5	Y	A	N
202-1132	200° to 400°F	24"	3/16" x 6 7/16"	#5	Y	A	Q
202-1131	200° to 450°F	36"	3/16" x 10"	#5	Y	A	L

SJ-TYPE (SPST, breaks on temperature rise with auxiliary switch, 30 amp at 277 volt AC)

173-1002	100° to 450°F	36"	3/16" x 1 1 5/8"	#1	Y	A	N
173-1035	200° to 375°F	20"	3/8" x 5 3/4"	#1	N	A,D	Q
228-1193	300° to 700°F	36"	3/16" x 12 1/4"	#1	Y	A	S
184-1072	300° to 700°F	72"	3/16" x 1 1 3/4"	#1	Y	A	S

SP-TYPE (model S with positive "Off" position)

250-1010	60° to 250°F	60"	3/8" x 4 1/2"	#6	Y	E	M
250-1009	60° to 250°F	60"	5/16" x 6 1/8"	#6	Y	E	M
170-1013	100° to 450°F	72"	3/16" x 1 1 5/8"	#1	Y		N
250-1005	175° to 550°F	60"	3/16" x 1 1 5/8"	#6	N		R
218-1009	175° to 550°F	60"	3/8" x 3 3/4"	#6	Y	E	R
202-1133	200° to 400°F	14"	3/16" x 6 7/16"	#5	Y		Q
250-1013	200° to 400°F	60"	3/8" x 5 3/8"	#6	N	J	Q
173-1034	300° to 375°F	24"	1/4" x 8 1/2"	#1	Y	D	L
170-1032	300° to 650°F	24"	1/4" x 7 1/2"	#1	N		—

LEGEND FOR REPLACEMENT DIALS

ITEM No.	TEMP. RANGE
L 130-1001	1 to 10
M 130-1002	60° to 250°F
N 130-1004	100° to 450°F
O 220-1171	175° to 500°F
P 187-1101	200° to 500°F
Q 130-1007	200° to 400°F
R 130-1008	200° to 550°F
S 130-1009	300° to 700°F

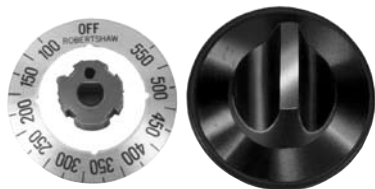
LEGEND FOR COMMENTS

- A** With auxiliary switch
- B** Screwdriver adjustment
- C** Dipsealed
- D** Has panel nut
- E** Uni kit
- F** 1/4" stuffing box
- G** 3/8" stuffing box
- H** Fiberglass cap shield
- I** Pointer-type adjustment
- J** 2" break off shaft
- K** Curved bulb

REPLACEMENT THERMOSTATS FOR SPECIFIC EQUIPMENT ARE LISTED BY THE MANUFACTURER'S NAME IN THE PARTS SECTION OF THIS CATALOG.

SEE THE MANUFACTURERS' CROSS REFERENCE FOR ROBERTSHAW NUMBERS STAMPED ON THEIR CONTROLS.

HIGH LIMITS & THERMOSTATS



STANDARD-DUTY ELECTRIC THERMOSTAT DIALS

- Universal 4-way mounting positions
- Fits standard .187" diameter "D" stem
- Black plastic with chrome face

No. 130-1001	1 to 10
No. 130-1002	60° to 250°F
No. 130-1003	100° to 200°F
No. 130-1004	100° to 450°F
No. 130-1005	100° to 550°F
No. 130-1007	200° to 400°F
No. 130-1008	200° to 550°F
No. 130-1009	300° to 700°F
No. 130-1006	Blank



HEAVY-DUTY ELECTRIC THERMOSTAT DIALS

- Universal 4-way mounting positions
- Fits standard .187" diameter "D" stem
- Black plastic with chrome face

No. 130-1056	1 to 10
No. 130-1057	60° to 250°F
No. 130-1058	100° to 200°F
No. 130-1059	100° to 450°F
No. 130-1060	100° to 550°F
No. 130-1062	175° to 550°F
No. 130-1061	200° to 400°F
No. 130-1063	300° to 700°F



HIGH LIMIT SAFETY

No. 173-1041

- Opens on rise at 560°F
- Includes screws



HIGH LIMIT SAFETY

No. 160-1027

- Opens on rise at 345°F



HIGH LIMIT SAFETY

No. 227-1045

- Opens on rise at 380°F



BULB CLAMP

No. 173-1055

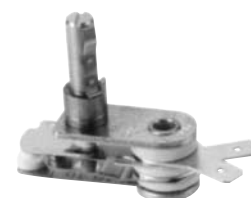
- Used to attach high limit or thermostat bulb to element
- 2 required for installation
- Pack of 4



PROBE THERMOSTAT

No. 250-1000

- Commonly used on electric cookware
- Adjustable thermostat with indicator light
- 0° to 450°F
- Fits 5/32" diameter pins on 1 5/8" centers
- 115 volt, 1650 watt
- 5/16" diameter x 2 1/4" probe
- 32" cord



THERMOSTAT

No. 160-1222

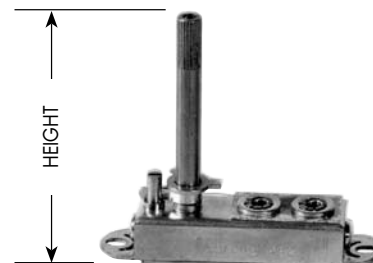
- 200°F (93°C)



BI-METAL THERMOSTAT

No. 224-1046

- Commonly used on warmers
- 340°F (171°C)
- 1 3/4" high
- 2 5/8" screw centers



BI-METAL THERMOSTATS

- Commonly used on warmers
- 2 1/2" screw centers

No. 260-1003 320°F

- 2 1/2" high

No. 250-1003 525°F

- 1 1/2" high

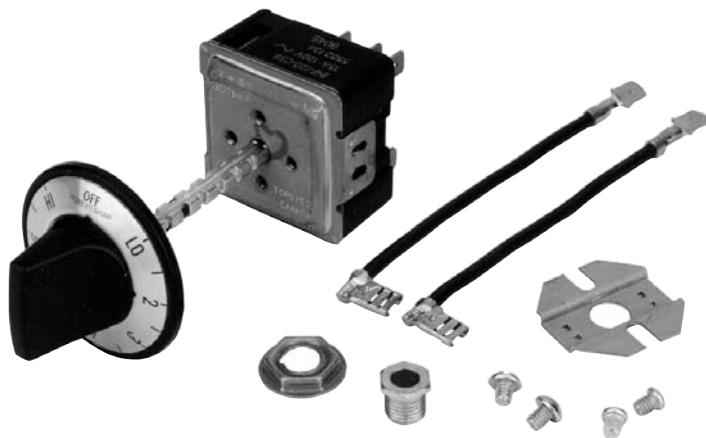
No. 250-1002 550°F

- 2" high

No. 250-1004 70° to 600°F

- 1 1/4" high
- Has no stem
- Preset at 500°F, but temperature can be adjusted by using a screwdriver

INFINITE CONTROLS



COMMERCIAL-DUTY ROBERTSHAW INFINITE CONTROL KITS

- Heavy-duty control
- Includes dial and hardware to replace most controls
- 15 amp rating
- .187" (5mm) diameter double "D" x 2 1/8" (54mm) breakaway stem

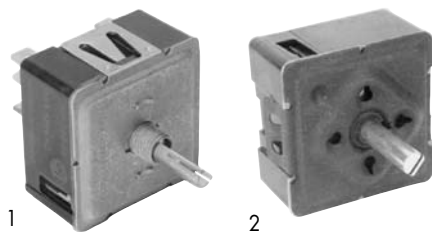
No. 250-1023 120 volt

No. 250-1024 240 volt

REPLACEMENT PARTS

No. 130-1083 Dial only

No. 130-1086 Dial insert only



ROBERTSHAW INFINITE CONTROLS

1. HORIZONTAL PALNUT MOUNT

No. 204-1091 120 volt

No. 204-1092 208/240 volt

- .187" (5mm) diameter "D" x 1" (25mm) long stem, stem flat down

No. 218-1007 120 volt

No. 218-1008 208/240 volt

- .187" (5mm) diameter "D" x 1" (25mm) long stem, stem flat up

1. VERTICAL PALNUT MOUNT

No. 228-1194* 120 volt

No. 228-1156* 208/240 volt

- .187" (5mm) diameter "D" x 3/4" (19mm) long stem, stem flat down

2. 4-WAY SCREW MOUNT

No. 173-1042 120 volt

No. 173-1043 208/240 volt

No. 173-1063* 208/240 volt

- .187" (5mm) diameter "D" x 3/4" (19mm) long stem, stem flat up

No. 194-1076 120 volt

No. 194-1077 208/240 volt

- .187" (5mm) diameter "D" x 7/8" (22mm) long stem, stem flat down

* B style infinite control that operates from 22% on low rather than 5%

No. 250-1025 Infinite control palnut



INFINITE CONTROL DIAL

No. 130-1010

- Flat is down in "Off" position
- 1 7/8" (48mm) diameter
- Fits standard .187" (5mm) diameter "D" stem
- Black plastic with chrome face



INFINITE CONTROL DIAL

No. 130-1083

- Universal 4-way mounting
- 1 15/16" (49mm) diameter
- Fits standard .187" (5mm) diameter "D" stem
- Black plastic with chrome face



INFINITE CONTROL DIAL

No. 130-1087

- 2" (51mm) diameter
- Black plastic
- Flat is up in "Off" position



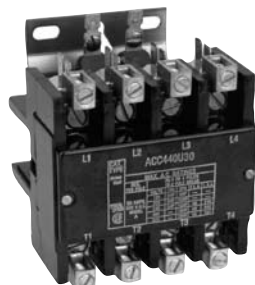
METAL INFINITE CONTROL MOUNTING BOX

No. 253-2005

- For remote mounting of most infinite controls
- Includes knockout holes for wiring connections and indicator light
- 5 1/8" L x 3 1/8" W x 2 5/16" D (130mm x 79mm x 59mm)
- 1 1/8" (29mm) screw centers



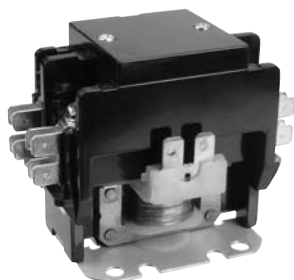
3 pole



4 pole

FURNAS CONTACTORS

ITEM No.	POLES	COIL VOLTAGE	FULL LOAD AMP.	RESIST. LOAD AMP.
149-1108	3	120	25	35
149-1001	3	208/240	25	35
149-1004	3	208/240	30	40
149-1005	3	120	40	50
149-1007	3	208/240	40	50
149-1008	4	120	30	40
149-1009	4	208/240	30	40
149-1010	4	120	40	50
149-1011	4	208/240	40	50



FASCO CONTACTOR

ITEM No.	POLES	COIL VOLTAGE	FULL LOAD AMP.	RESIST. LOAD AMP.
207-1009	2	208/240	30	40

ELECTRONIC WATER LEVEL CONTROL SYSTEMS

These systems are more reliable and versatile than mechanical systems. The compact solid state control module measures 4" L x 2" W x 1 1/8" H (102mm x 51mm x 41mm). They protect heating elements from burnout due to low water levels. Systems II and III can also automatically refill the water tank to a preset level. These systems are ideal for steam tables, dishwashers, or anything using an immersion-type element, even gas systems. Complete instructions are included with control module.



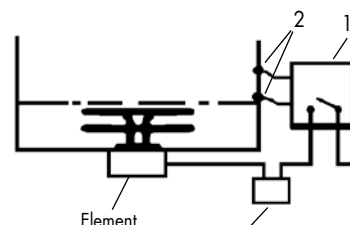
SYSTEM I- ELEMENT SHUT DOWN ONLY

For manual refill systems. Shuts off element when water level falls below sensing probe.

ORDER INDIVIDUAL COMPONENTS

1. **No. 253-2000** 120/240 volt control module
2. **No. 253-2004** Water level sensing probe- 2 required.

Note: Must be used with contactor shown on this page.



Must be used with contactor shown on this page.

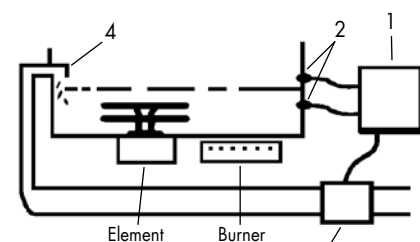
SYSTEM II- AUTOMATIC WATER LEVEL CONTROL ONLY

Automatically opens and closes solenoid valve to maintain proper water level in tank. Can also be used on gas systems.

ORDER INDIVIDUAL COMPONENTS

1. **No. 253-2000** 120/240 volt control module
2. **No. 253-2004** Water level sensing probe- 2 required
4. **No. 107-1048** 1/2" NPT inlet faucet

Note: Must be used with water solenoid valve.



Must be used with water solenoid valve.

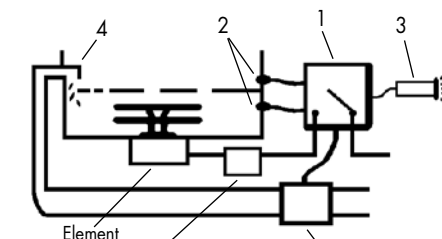
SYSTEM III- ELEMENT SHUT DOWN AND AUTOMATIC REFILL

ORDER INDIVIDUAL COMPONENTS

1. **No. 253-2000** 120/240 volt control module
2. **No. 253-2004** Water level sensing probe- 2 required
3. **No. 149-1019** Indicator light
4. **No. 107-1048** 1/2" NPT inlet faucet

A combination of System I and II, which offers the most protection. Shuts off element when water is low and automatically refills the tank.

Note: Must be used with contactor and water solenoid valve. See this page for contactors.



Must be used with contactor shown on this page.

Must be used with water solenoid valve.

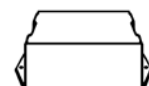


CONTROL MODULE MOUNTING BOX

No. 253-2005

- 1 1/8" mounting screw centers
- 5 1/8" L x 3 1/8" W x 2 5/16" D

SYSTEM COMPONENTS



1 Control module



2 Probe



3 Indicator light



4 Faucet

TOGGLE SWITCHES

TOGGLE SWITCHES

- $\frac{15}{32}$ " (12mm) diameter nipple

ITEM No.	CONNECTIONS	ACTION	125V RATING	250V RATING
149-1038	2 screw terminals	SPST On/Off	20 amp	12 amp
149-1040	3 screw terminals	SPDT On/On	20 amp	10 amp
149-1041	3 screw terminals	SPDT On/Off/On	15 amp	10 amp
149-1044	4 screw terminals	DPST On/Off	-	20 amp
149-1047	6 screw terminals	DPDT On/On	15 amp	10 amp
149-1048	6 screw terminals	DPDT On/Off/On	15 amp	10 amp
149-1052	6 screw terminals	DPDT On/Off/Mom/On	15 amp	10 amp
149-1057	9 screw terminals	3PDT On/Off/On	15 amp	10 amp
149-1039	2 tab terminals, $\frac{1}{4}$ " (6mm)	SPST On/Off	15 amp	10 amp
196-1080	3 tab terminals, $\frac{1}{4}$ " (6mm)	SPDT On/On	15 amp	10 amp
149-1042	3 tab terminals, $\frac{1}{4}$ " (6mm)	SPDT On/Off/On	15 amp	10 amp
149-1049	6 tab terminals, $\frac{1}{4}$ " (6mm)	DPDT On/Off/On	15 amp	10 amp
149-1051	6 tab terminals, $\frac{1}{4}$ " (6mm)	DPDT On/Mom/On	15 amp	10 amp
149-1046	4 tab terminals, $\frac{1}{4}$ " (6mm)	DPST On/Off	20 amp	10 amp

TOGGLE SWITCHES

- $\frac{15}{32}$ " (12mm) diameter nipple

ITEM No.	CONNECTIONS	ACTION	125V RATING	250V RATING
149-1053	4 screw terminals	DPST On/Off	16 amp	8 amp
149-1054	4 screw terminals	DPST On/Off	20 amp	10 amp

TOGGLE SWITCHES

- $\frac{15}{32}$ " (12mm) diameter nipple

ITEM No.	CONNECTIONS	ACTION	125V RATING	250V RATING
149-1055	2 screw terminals	SPST On/Off	6 amp	3 amp
149-1056	2 wire leads	SPST On/Off	8 amp	4 amp

TOGGLE SWITCHES

- Fits $1\frac{7}{32}$ " x $2\frac{1}{32}$ " (31mm x 17mm) opening

ITEM No.	CONNECTIONS	ACTION	125V RATING	250V RATING
190-1106	2 screw terminals	SPST On/Off	20 amp	10 amp
190-1116	2 tab terminals, $\frac{1}{4}$ " (6mm)	SPST On/Off	20 amp	10 amp
190-1009	2 tab terminals, $\frac{1}{4}$ " (6mm)	SPST Off/Mom/On	20 amp	10 amp

Common Definitions

SP—Single Pole
DP—Double Pole
3P—Triple Pole
ST—Single Throw
DT—Double Throw
MOM—Momentary

ON/OFF PLATE

- No. 149-1067** Locking tab at bottom
- No. 136-1057** Locking tab at top

TOGGLE GUARD No. 149-1066

RUBBER BOOT No. 149-1065

ROCKER SWITCHES

ROCKER SWITCHES

- Fits $\frac{7}{8}$ " x $1\frac{1}{2}$ " (22mm x 38mm) opening

ITEM No.	CONNECTIONS	ACTION	125V RATING	250V RATING
149-1068	2 tab terminals, $\frac{1}{4}$ " (6mm)	SPST On/Off	15 amp	10 amp
190-1048	2 tab terminals, $\frac{1}{4}$ " (6mm)	SPST Off/Mom/On	6 amp	3 amp
166-1155	2 tab terminals, $\frac{1}{4}$ " (6mm)	DPST On/Off	—	10 amp
149-1069	4 tab terminals, $\frac{1}{4}$ " (6mm)	DPST On/Off	15 amp	10 amp
149-1073	4 tab terminals, $\frac{1}{4}$ " (6mm)	DPST Off/Mom/On	15 amp	10 amp
149-1070	4 tab terminals, $\frac{1}{4}$ " (6mm)	DPST On/Off	—	20 amp
149-1071	6 tab terminals, $\frac{1}{4}$ " (6mm)	DPDT On/On	15 amp	10 amp
149-1072	6 tab terminals, $\frac{1}{4}$ " (6mm)	DPDT On/Off/On	15 amp	10 amp

LIGHTED ROCKER SWITCHES

- Fits $\frac{7}{8}$ " x $1\frac{1}{2}$ " (22mm x 38mm) opening

ITEM No.	CONNECTIONS	ACTION	125V RATING	250V RATING
149-1074	3 tab terminals, $\frac{1}{4}$ " (6mm)	SPST On/Off	15 amp	10 amp
149-1075	4 tab terminals, $\frac{1}{4}$ " (6mm)	DPST On/Off	15 amp	10 amp
149-1076*	4 tab terminals, $\frac{1}{4}$ " (6mm)	DPST On/Off	—	20 amp

* All black switch

LIGHTED ROCKER SWITCH

- Fits $\frac{9}{16}$ " x $1\frac{1}{8}$ " (14mm x 29mm) opening

ITEM No.	CONNECTIONS	ACTION	125V RATING	250V RATING
149-1079	3 tab terminals, $\frac{1}{4}$ " (6mm)	SPST On/Off	16 amp	10 amp

LIGHTED ROCKER SWITCH

- Fits $\frac{7}{16}$ " x 1 " (11mm x 25mm) opening

ITEM No.	CONNECTIONS	ACTION	125V RATING	250V RATING
204-1186	4 tab terminals, $\frac{1}{4}$ " (6mm)	DPST On/Off	16 amp	—

LIGHTED ROCKER SWITCH

- Fits $\frac{1}{2}$ " x $1\frac{1}{8}$ " (13mm x 29mm) opening

ITEM No.	CONNECTIONS	ACTION	125V RATING	250V RATING
204-1192	4 tab terminals, $\frac{1}{4}$ " (6mm)	DPST On/Off	—	16 amp

ROCKER SWITCH

- Fits $\frac{9}{16}$ " x $1\frac{1}{8}$ " (14mm x 29mm) opening

ITEM No.	CONNECTIONS	ACTION	125V RATING	250V RATING
149-1077	2 tab terminals, $\frac{1}{4}$ " (6mm)	SPST On/Off	16 amp	10 amp

ROCKER SWITCH

- Fits $\frac{9}{16}$ " x $1\frac{1}{8}$ " (14mm x 29mm) opening

ITEM No.	CONNECTIONS	ACTION	125V RATING	250V RATING
149-1111	2 tab terminals, $\frac{1}{4}$ " (6mm)	SPST On/Off	16 amp	10 amp

ROCKER SWITCH

- Fits $\frac{9}{16}$ " x $1\frac{1}{8}$ " (14mm x 29mm) opening

ITEM No.	CONNECTIONS	ACTION	125V RATING	250V RATING
235-1101	2 tab terminals, $\frac{1}{4}$ " (6mm)	SPST On/Off	20 amp	15 amp



Common Definitions

SP—Single Pole

ST—Single Throw

DP—Double Pole

DT—Double Throw

3P—Triple Pole

MOM—Momentary

PUSH SWITCHES



PUSH SWITCHES

- $\frac{15}{32}$ " (12mm) diameter nipple
- $\frac{5}{16}$ " (8mm) long plunger

ITEM No.	CONNECTIONS	ACTION	125V RATING	250V RATING
149-1060	2 screw terminals	SPST NO	15 amp	10 amp
149-1061	2 screw terminals	SPST NC	15 amp	10 amp



PUSH SWITCH

ITEM No.	CONNECTIONS	ACTION	125V RATING	250V RATING
149-1062	3 tab terminals, $\frac{1}{4}$ " (6mm)	SPDT NO/NC	15 amp	10 amp

- Commonly used on Toppo
- $\frac{15}{32}$ " (12mm) diameter nipple
- $\frac{9}{32}$ " (7mm) long plunger



PUSH SWITCH

ITEM No.	CONNECTIONS	ACTION	125V RATING	250V RATING
149-1064	3 wire leads	SPDT On/On	3 amp	1 amp

- Commonly used on Orb
- $\frac{15}{32}$ " (12mm) diameter nipple
- $\frac{7}{16}$ " (11mm) long plunger



PUSH SWITCH

ITEM No.	CONNECTIONS	ACTION	125V RATING	250V RATING
232-1031	2 tab terminals, $\frac{1}{4}$ " (6mm)	SPST NC	.75 amp	.25 amp

- Commonly used with refrigerator hinges
- Fits $\frac{3}{4}$ " (19mm) hole
- $\frac{3}{16}$ " (5mm) long plunger

Common Definitions

SP —Single Pole	ST —Single Throw
DP —Double Pole	DT —Double Throw
3P —Triple Pole	NO —Normally Open
	NC —Normally Closed

PUSH SWITCHES

PUSH SWITCH

ITEM No.	CONNECTIONS	ACTION
149-1106	2 screw terminals	SPST NC

120V RATING
.75 amp

250V RATING
.25 amp

- Commonly used as a refrigerator light switch
- Fits $\frac{7}{8}$ " (22mm) hole
- $1\frac{3}{8}$ " (35mm) screw centers
- $\frac{9}{16}$ " (14mm) long plunger



PUSH SWITCH

ITEM No.	CONNECTIONS	ACTION
149-1105	2 screw terminals	SPST NC

120V RATING
.75 amp

250V RATING
.25 amp

- Commonly used as a refrigerator light switch
- Fits $1\frac{1}{16}$ " (17mm) hole
- $1\frac{1}{2}$ " (38mm) screw centers
- $\frac{1}{2}$ " (13mm) long plunger



PUSH SWITCH

ITEM No.	CONNECTIONS	ACTION
149-1101	2 tab terminals, $\frac{1}{4}$ " (6mm)	SPST NC

125V RATING
.75 amp

250V RATING
.25 amp

- Commonly used as a refrigerator light switch
- $1\frac{5}{32}$ " (12mm) diameter nipple
- $\frac{3}{8}$ " (10mm) long plunger



PUSH SWITCHES

- Fits $\frac{3}{4}$ " (19mm) diameter hole

ITEM No.	CONNECTIONS	ACTION
149-1102	2 tab terminals, $\frac{1}{4}$ " (6mm)	SPST, NC

125V RATING
.75 amp

- Commonly used as a refrigerator light switch
- $\frac{5}{16}$ " (8mm) long plunger

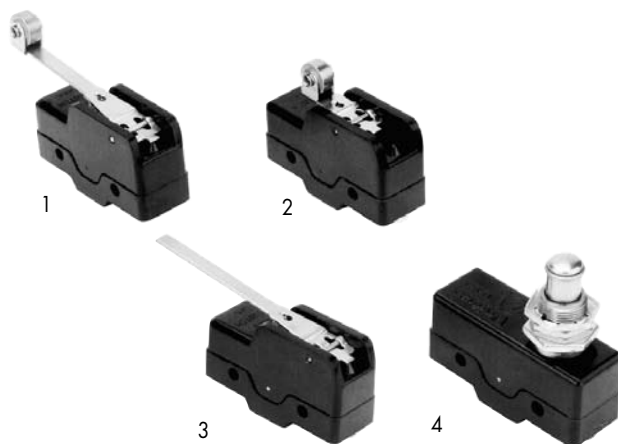
ITEM No.	CONNECTIONS	ACTION
149-1109	2 tab terminals, $\frac{1}{4}$ " (6mm)	SPST, NO

125V RATING
1.5 amp

- Commonly used as an evaporator fan motor switch
- $\frac{1}{2}$ " (13mm) long plunger



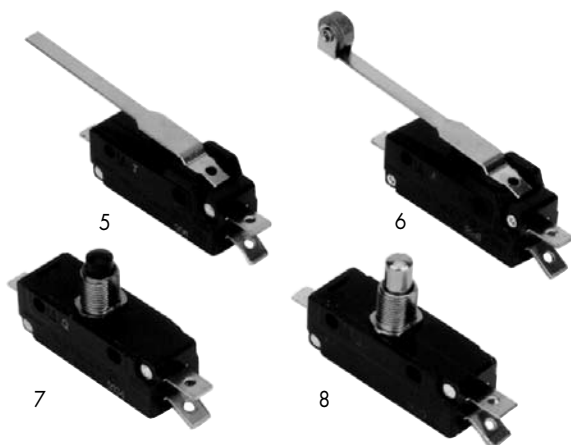
SWITCHES



PRECISION SWITCHES

- Normally open/normally closed terminals
- 1" (25mm) screw centers
- Screw terminals
- 20 amp at 125/250/480 volt rating

1. **No. 149-1099** Roller
2. **No. 149-1100** Roller
3. **No. 149-1098** Lever
4. **No. 149-1096** Plunger

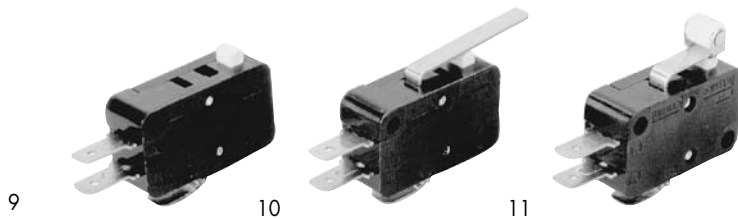


GENERAL PURPOSE SWITCHES

- Normally open/normally closed terminals
- 1" (25mm) screw centers
- 1/4" (6mm) tab terminals
- 15 amp at 125/250 volt rating

5. **No. 149-1090** Lever
6. **No. 149-1091** Hinge roller
7. **No. 149-1092** Plunger
 - Plunger is .67" (17mm) high from mounting hole centers
8. **No. 149-1094** Plunger
 - Plunger is .81" (21mm) high from mounting hole centers

No. 149-1093 Mounting nut (not shown) for Nos. 149-1092, 149-1094



MINIATURE SWITCHES

- Normally open/normally closed terminals
- 15/16" (24mm) screw center diagonally
- 3/16" (5mm) tab terminals
- 10 amp at 125/250 volt rating

9. **No. 149-1086** Basic
10. **No. 149-1087** Lever
11. **No. 149-1088** Roller

SWITCHES & ACCESSORIES



RECESSED MOUNTING FLANGE

No. 253-1196

- Reduces breakage of switches and receptacles
- 4 $\frac{5}{8}$ " W x 1" D x 6 $\frac{3}{8}$ " H (117mm x 25mm x 162mm)
- Four 10-24 mounting studs on 4" x 5 $\frac{1}{4}$ " (102mm x 146mm) centers
- For use with single junction box and plate
- Stainless steel



COUNTER MOUNTED ELECTRICAL BOX

No. 253-1194

- Single face
- Receptacle opening one side only
- 3 $\frac{1}{8}$ " W x 5 $\frac{7}{8}$ " H
- $\frac{1}{2}$ " NPT and $\frac{3}{4}$ " NPT inlet on bottom (adaptor included)
- Cast aluminum



SWITCHES

- DPST

No. 149-1084 20 amp at 125/250 volt rating

No. 149-1085 30 amp at 125/250 volt rating



SWITCH WITH INDICATOR LIGHT

No. 253-1199

- Commonly used on walk-in refrigerators
- SPST
- 15 amp at 125 volt rating



LIGHTED PUSH SWITCH

No. 253-1197

- Commonly used on walk-in refrigerators
- SPST
- 20 amp at 125 volt rating



ROTARY SWITCHES

- .25" (6mm) double "D" stem

No. 190-1005 15 amp at 125 volt,
7.5 amp at 250 volt rating

No. 218-1216 25 amp at 125/250 volt rating
• On/Off

No. 190-1006 15 amp at 125 volt,
7.5 amp at 250 volt rating
• Low/Med/High/Off



KNOBS

- 2" (51mm) diameter
- Fits .25" (6mm) diameter double "D" stem

No. 190-1007 On/Off

No. 190-1008 Low/Med/High/Off

PLUGS & RECEPTACLES



ECONOMY PLUG

No. 253-1203

- 15 amp at 125 volt rating
- Plastic
- NEMA 5-15P



FEMALE CONNECTOR

No. 253-1202

- 15 amp at 125 volt rating
- Rubber
- NEMA 5-15R

FEMALE TWIST LOCK CONNECTOR

No. 253-1238

- 15 amp at 125 volt rating
- NEMA L5-15R



RECESSED LOCKING RECEPTACLE

No. 253-1124

- 15 amp at 125 volt rating
- NEMA L5-15P



2



PLUGS-NON-LOCKING SINGLE PHASE

1. No. 253-1030 NEMA 5-15P
 - 15 amp at 125 volt rating
2. No. 253-1032 NEMA 5-20P
 - 20 amp at 125 volt rating
2. No. 253-1036 NEMA 6-20P
 - 20 amp at 250 volt rating



PLUG-TWIST LOCK SINGLE PHASE

2. No. 253-1010
 - 15 amp at 125 volt rating
 - NEMA L5-15P



PLUG-TWIST LOCK 3 PHASE

2. No. 253-1028
 - 30 amp at 250 volt rating
 - NEMA L15-30P



ANGULAR PLUG

No. 253-1201

- 4-way mounting
- 15 amp at 125 volt rating
- Plastic
- NEMA 5-15P



3



4

RECEPTACLES-NON-LOCKING SINGLE PHASE

3. No. 253-1031*

- 20 amp at 125 volt rating
- NEMA 5-20R



* These receptacles are duplex; all others are single.

RECEPTACLE-TWIST LOCK SINGLE PHASE

4. No. 253-1009

- 15 amp at 125 volt rating
- NEMA L5-15R



RECEPTACLE-TWIST LOCK 3 PHASE

4. No. 253-1027

- NEMA L15-30R
- 30 amp at 250 volt rating



RECESSED MALE PLUG

No. 197-1009

- 15 amp at 115 volt rating

INDICATOR LIGHTS



FLAT LENS INDICATOR LIGHTS

- Fits $\frac{1}{2}$ " (13mm) diameter hole
- Wire leads

No. 149-1024 Red lens

No. 149-1023 Amber lens

No. 149-1025 Red lens—28 volt



FLAT LENS INDICATOR LIGHTS

- Fits $\frac{5}{16}$ " (8mm) diameter hole
- Wire leads

No. 149-1019 Red lens

No. 149-1018 Amber lens



FLAT LENS INDICATOR LIGHT

No. 149-1020

- Fits $\frac{5}{16}$ " (8mm) diameter hole
- $\frac{3}{16}$ " (5mm) tab terminals
- Red lens



FLAT LENS INDICATOR LIGHTS

- Fits $\frac{1}{2}$ " (13mm) diameter hole
- $\frac{3}{16}$ " (5mm) tab terminals

No. 149-1027 Red lens

No. 149-1026 Amber lens



INDICATOR LIGHT WITH REMOVABLE LENS

No. 149-1031

- Fits $\frac{3}{4}$ " (19mm) diameter hole
- $\frac{1}{4}$ " (6mm) tab terminals
- Red lens

No. 149-1030 Replacement neon bulb



RAISED LENS INDICATOR LIGHTS

- Fits $\frac{1}{2}$ " (13mm) diameter hole
- Wire leads

No. 149-1022 Red lens

No. 149-1021 Amber lens



RAISED LENS INDICATOR LIGHT

No. 197-1107

- Fits $\frac{1}{2}$ " (13mm) diameter hole
- 6 VDC
- $\frac{3}{16}$ " (5mm) tabs
- Red lens

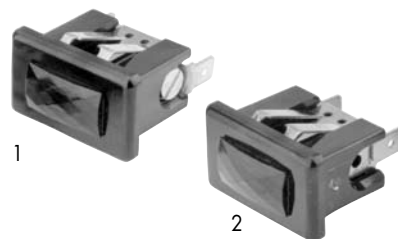


RAISED LENS INDICATOR LIGHTS

- Fits $\frac{5}{16}$ " (8mm) diameter hole
- Wire leads

No. 149-1017 Red lens

No. 149-1016 Amber lens



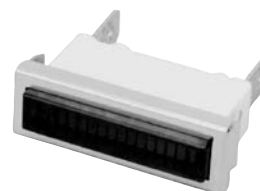
INDICATOR LIGHTS

- Fits $\frac{21}{32}$ " x $\frac{17}{32}$ " (17mm x 31mm) hole
- Red lens
- 125 volt

1. **No. 149-1028*** Screw terminals

2. **No. 149-1029** Tab terminals

* Includes $\frac{1}{4}$ " (6mm) tab adaptors



RAISED LENS INDICATOR LIGHTS

- Fits $\frac{3}{8}$ " x $1\frac{1}{4}$ " (10mm x 32mm) hole
- Red lens

No. 149-1033 Tab terminals

No. 149-1034 Wire leads (not shown)



RETAINING CLIPS

No. 149-1035

- For $\frac{5}{16}$ " (8mm) indicator lights

No. 149-1036

- For $\frac{1}{2}$ " (13mm) indicator lights

All lights shown on this page rated at 125/250 volt, unless otherwise noted.

LIGHTS & LIGHT FIXTURES



VAPORPROOF LIGHTING FIXTURES by KASON®

- For use with 100 watt bulbs (not included)
- Fits 3½" or 4" (89mm or 102mm) junction boxes
- Meets NFPA no. 96 criteria and requirements
- Wire leads included for easy installation

No. 253-1184 Silicone-coated, heat tempered globe (not shown)

No. 253-1185 Silicone-coated, heat tempered globe with wire guard



VAPORPROOF LIGHTING FIXTURES WITH JUNCTION BOX by KASON®

- For use with 100 watt bulbs

No. 253-1252* Plastic globe

No. 253-1228 Plain glass globe

No. 253-1229 Silicone-coated globe

No. 253-1230 Silicone-coated globe with wire guard

No. 253-1231 Plain glass globe with wire guard

**Maximum 75 watt bulb*

REPLACEMENT GLOBES

No. 253-1224 Plain glass

No. 253-1227 Silicone-coated glass

- For use with 100 watt light bulbs

• 6½" H x 3¼" OD (165mm x 83mm)

No. 253-1226 Plastic

- For use with 75 watt light bulbs

• 6" H x 3½" OD (152mm x 83mm)

• Not for use with wire guards

No. 253-1223 Silicone-coated

- For 100 watt fixtures

• Heat tempered globe

• 6¾" H x 3¼" OD (171mm x 83mm)

No. 253-1273 Shatterproof glass

- For use with 100 watt light bulbs

• Chemical resistant

• Will not yellow, crack, or flake

• 6¾" H x 3¼" OD (171mm x 83mm)

No. 253-1225 Plain glass

- For use with 200 watt light bulbs

• 8" H x 4¼" OD (203mm x 108mm)

WIRE GUARDS

FOR 100 WATT FIXTURES

No. 253-1232 Snap-on

- 7¼" (184mm) high

• Zinc-plated steel

FOR 200 WATT FIXTURES

No. 253-1233 Band clamp

- 9" (229mm) high

• Zinc-plated steel

No. 253-1234 Screw-on

- 8⅞" (225mm) high

• Die-cast



LIGHT FIXTURE AND JUNCTION BOX

No. 253-1275

- For replacing junction boxes on Nos. 253-1228, 253-1229, 253-1230, 253-1231, 253-1252 light fixtures
- ½" NPS conduit openings on top and sides
- Includes light socket (No. 253-1248), 2 mounting screws, grounding screw, 4 plugs and gasket



PORCELAIN LAMP SOCKET

No. 253-1248

- For general or high temperature use
- Fits 1½" (38mm) diameter hole
- Fits lighting fixture Nos. 253-1138, 253-1228, 253-1229, 253-1230, 253-1231, 253-1252
- Snap-in mount
- 660 watt at 125/600 volt rating
- Screw terminal connections



PORCELAIN LAMP SOCKET

No. 253-1247

- For general or high temperature use
- 660 watt at 125/600 volt rating
- Fits 1½" (38mm) diameter hole
- 2" (51mm) center mounting holes
- 6" (152mm) wire leads



LIGHT FIXTURE

No. 253-1138

- Ideal for reach-ins and undercounter refrigerators
- For use with a 40 watt bulb
- 3⅝" (86mm) base diameter x 3¾" (95mm) projection installed
- Requires a 1¾" (44mm) mounting hole
- 9" (229mm) leads
- Cast aluminum base with a plastic globe

No. 253-1283 Replacement cover

COMPACT FLUORESCENT LIGHT FIXTURES **NEW** by KASON®

Change your Kason incandescent light fixtures to the new vaporproof compact fluorescent light fixtures and save energy and cost, and comply with the new Federal energy reduction mandate of 2009. Twenty-six watt fluorescent lamps fulfill the Energy Act requirement of 40 lumens per watt, using 75% less energy than an incandescent 100 watt bulb.



CFL LAMP/BULB

No. 253-1303

- For CFL compact fixture (Nos. 253-1301 and 253-1302)
- GU-24, 2-pin base
- 120 volt, 26 watt
- Fulfills the Energy Act of 2009 requirement of 40 lumens per watt
- Kason no. 1806SC2627



VAPORPROOF CFL RETROFIT FIXTURE

Converts use from an incandescent bulb to a GU-24 compact fluorescent lamp.

No. 253-1305

- Converts Kason light fixture junction boxes: Nos. 253-1228, 253-1229, 253-1230, 253-1231, 253-1252, 253-1275
- 120 volt
- Includes gaskets and mounting screws
- Kason no. 1806-10, 1806000010

VAPORPROOF CFL FIXTURE KITS

Use about 75% less energy than an incandescent 100 watt bulb!

- For walk-in boxes
- 120 volt
- 26 watt fluorescent lamp fulfills the Energy Act of 2009 requirement of 40 lumens per watt
- Uses a GU-24 compact fluorescent lamp (No. 253-1303)
- Surface mounts with 2 tabs for screws and five 1/2" NPT conduit ports for standard electrical wiring
- Clear polycarbonate globe

No. 253-1301 Bulb included

- Kason no. 1806LG0LMP

No. 253-1302 Bulb not included

- Kason no. 1806LG0000



MOTION SENSOR

No. 253-1306

- For use with CFL fixtures (Nos. 253-1301, 253-1302) to automatically control walk-in light fixtures
- 120 volt/0-800 watt ballast, 277 volt/0-1200 watt ballast
- 15-second to 30-minute time delay
- Covers 24' (7.3M) diameter with ceiling heights up to 20' (6.1M)
- -40° to 131°F (-40° to 55°C)
- Indoor use only
- Kason nos. 1901, 1901000005



VAPORPROOF CFL JUNCTION BOX

No. 253-1304

- For walk-in boxes
- Uses a GU-24 compact fluorescent lamp (No. 253-1303)
- 120 volt
- Surface mounts with 2 tabs for screws and five 1/2" NPT conduit ports for standard electrical wiring
- Kason no. 1806LG0003

Note: For Kason light fixtures only.

LIGHTS & LIGHT FIXTURES



1



2

ONE-PIECE PORCELAIN LIGHT SOCKETS

- No. 211-1071**
 - Commonly used on Merco
 - 660 watt at 250 volt rating
 - 7" (178mm) leads
- No. 253-1296**
 - Commonly used on Merco and Star
 - 600 watt at 125/250 volt rating
 - 31" (787mm) leads



DOUBLE PORCELAIN LAMP SOCKET

No. 204-1098

- Commonly used on Hatco
- For general or high temperature use
- 600 watt at 125/250 volt rating
- 25" (635mm) leads



SAFETY SHIELD FOR BULBS

No. 253-1186

- Ideal for reach-in refrigerators
- Keyhole slots for easy bulb replacement
- For use with 40 watt bulb
- 3 3/4" (95mm) projection
- 3 1/4" (83mm) screw centers
- Plastic



PORCELAIN LAMP SOCKET

No. 169-1000

- Commonly used on Keating warmers
- For general or high temperature use
- Screw terminal electrical connection
- 600 watt at 125/250 volt rating
- Includes mounting hardware



SHATTER RESISTANT LIGHT BULB by SHAT-R-SHIELD®

No. 204-1096

- 120 volt, 60 watt
- Clear, medium base
- Teflon®-coated

SHATTERPROOF BULB

No. 269-1041

- 120 volt, 7.5 watt
- Medium base



LIGHT BULB

No. 288-1021

- 3/8" (10mm) base diameter
- 1" (25mm) length
- #57 bulb
- 12 volt



INFRARED HEAT BULBS



- Medium base
- 115/125 volt, 250 watt

TEFLON®-COATED SHATTER RESISTANT BULBS

- Withstands temperatures up to 500°F (260°C)

No. 253-1119 Red
No. 253-1118 Clear
No. 253-1287* Clear

NON-COATED STANDARD BULBS

No. 253-1122 Red
No. 253-1121 Clear
No. 253-1285* Clear

*120 volt, 375 watt

Note: Coated bulbs are recommended for use in food warming equipment.



EQUIPMENT LIGHT BULBS

HIGH TEMPERATURE OVEN BULB

No. 253-1193 115/125 volt, 50 watt

SHATTER RESISTANT HIGH TEMPERATURE OVEN BULBS

- Teflon® coating keeps broken glass contained

No. 211-1033 115/125 volt, 40 watt
No. 211-1034 240 volt, 40 watt

SHATTER RESISTANT BULBS

- Plastic coating keeps broken glass contained

No. 253-1143 115/125 volt, 25 watt
No. 253-1144 115/125 volt, 60 watt
No. 253-1145* 120/130 volt, 100 watt

* Teflon®-coated with inside frosting

LIGHTS & LIGHT FIXTURES



TEFLON®-COATED FLUORESCENT BULBS by SHAT-R-SHIELD®



- 48" (1219mm) long
- Plastic coating contains bulb if breakage occurs
- Sold in cases of 6

No. 253-1315 For standard 2 pin, T-8 fluorescent light fixture

- 32 watt
- Bulb no. F32T8/TL741

No. 253-1276 For standard 2 pin, T-12 fluorescent light fixture

- 40 watt
- Bulb no. F40T12CW



SAFETY SHIELDS WITH END CAPS FOR FLUORESCENT BULBS

- Completely shatterproof
- Can be easily cut with a knife

SHIELDS FOR 1" (25mm) DIAMETER T-8 BULBS

No. 253-1190 18" (457mm) long

No. 253-1191 36" (914mm) long

No. 253-1259 48" (1219mm) long

No. 253-1260 96" (2438mm) long

SHIELDS FOR 1½" (38mm) DIAMETER T-12 BULBS

No. 253-1188 48" (1219mm) long

No. 253-1189 96" (2438mm) long

REPLACEMENT END CAPS FOR FLUORESCENT BULB SAFETY SHIELD

No. 253-1187

- Fits shields for 1½" (38mm) OD lamps

No. 253-1262

- Fits shields for 1" (25mm) OD lamps



FLUORESCENT BULB

No. 294-1034

- 24" (610mm) long
- For standard 2 pin, T-8 fluorescent light fixture
- 17 watt



FLUORESCENT LIGHT COVERS by KASON®

No. 253-1295

- For Kason model 1810F00048 fluorescent light fixture
- 49½" L x 7½" W x 2" D (1260mm x 191mm x 51mm)
- Diamond textured Lexan®
- Kason no. 9-1810000851

No. 124-1317

- For use on Kolpak® 48" (1219mm) long fluorescent lights and Kason model 1810F00048
- 49½" L x 7½" W x 3" D (1260mm x 191mm x 76mm)
- Clear polycarbonate
- Kolpak no. 240221075
- Kason no. 9-1810000850

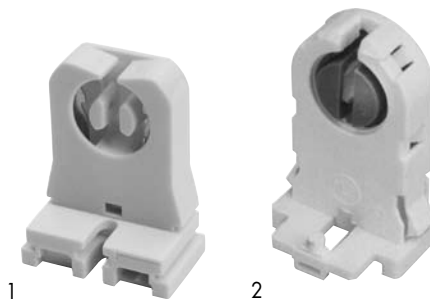


LIGHT COVER CLIP by KASON®

No. 253-1297

- For use with Kason light covers
- Sold individually
- Kason no. 9-1810000358

Note: Six clips recommended per cover.



FLUORESCENT SOCKETS

- Bi-pin

1. **No. 253-1261** T-8 lamp

- 1⅞" (40mm) high

2. **No. 253-1210** T-12 lamps

- 1¾" (44mm) high



ELECTRICAL CONNECTOR KIT

No. 253-1109

- Contains 179 pieces of the following items:

QTY. TYPE WIRE GAUGE

SOLDERLESS TERMINALS

10	Insulated spade	16-14
10	Insulated spade	12-10
10	Insulated ring	16-14
10	Insulated ring	12-10
10	Insulated push-on	16-14
10	Insulated push-on	12-10
15	High temperature spade	16-14
15	High temperature spade	12-10
15	High temperature ring	16-14
15	High temperature ring	12-10
15	High temperature push-on	16-14
15	High temperature push-on	12-10
6	Screw to push-on adaptor	

WIRE CONNECTORS

5	Standard plastic	Small
5	Standard plastic	Medium
3	Standard plastic	Large
5	High temperature ceramic	Medium
5	High temperature ceramic	Large

1/4" TAB ADAPTOR

No. 253-1160

- For #10 stud
- Sold in quantities of 100



SOLDERLESS TERMINAL ADAPTOR

No. 253-1284

- Used to convert 1/4" tab terminals to 6-32 thread screw connection
- Sold in quantities of 10



FIBERGLASS TAPE

No. 142-1168

- For high temperature wiring
- Rated to 266°F (130°C)
- 1/2" x 66' (13mm x 20M) roll



PVC ELECTRICAL TAPE

No. 142-1276

- 600 volt, rated to 176°F (80°C)
- 3/4" x 60' (19mm x 18M) roll

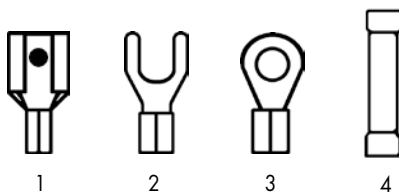


LIQUID ELECTRICAL TAPE

Apply to wires or terminal junctions to seal out moisture and prevent corrosion.

No. 253-1253

- Waterproof
- Black
- 4 oz (118ml) can with applicator brush in lid



SOLDERLESS TERMINALS

- Sold in quantities of 100

REF No. ITEM No. DESCRIPTION FOR WIRE GAUGES

HIGH TEMPERATURE

1	253-1154	1/4" (6mm) push-on	16-14
1	253-1155	1/4" (6mm) push-on	12-10
2	253-1157	Spade terminal	16-14
2	253-1156	Spade terminal	12-10
3	253-1159	Ring terminal	16-14
3	253-1158	Ring terminal	12-10

INSULATED

1	253-1146	1/4" (6mm) push-on	16-14
1	253-1147	1/4" (6mm) push-on	12-10
2	253-1149	Spade terminal	16-14
2	253-1148	Spade terminal	12-10
3	253-1151	Ring terminal	16-14
3	253-1150	Ring terminal	12-10
4	253-1153	Butt connector	16-14
4	253-1152	Butt connector	12-10



HIGH TEMPERATURE SILICONE INSULATED WIRE

- Rated to 600 volt
- 392°F (200°C) maximum temperature
- Fiberglass jacket insulation
- 50' (15.2M)

BLACK ITEM No.	WHITE ITEM No.	GAUGE
253-1161	253-1162	14
253-1163	253-1164	12
253-1165	-	10



HIGH TEMPERATURE FIBERGLASS SLEEVING

- 1/2" (13mm) diameter
- Rated to 1000°F (538°C)

No. 253-1135	10' (3M)
No. 253-1136	25' (7.6M)
No. 253-1137	100' (30.5M)



HEAT SHRINK TUBES

- Tubing shrinks approximately 50% of original diameter to provide a protective insulating barrier

No. 253-1270	6" L x 3/16" ID (152mm x 5mm)
No. 253-1271	6" L x 1/4" ID (152mm x 6mm)

WIRE CONNECTORS

HIGH TEMPERATURE CERAMICS

No. 253-1219	Medium, HI-5 (100 pack)
No. 253-1221	Large, HI-7 (100 pack)
No. 170-1169	Extra Large (single)
No. 253-1255	Extra Large (10 pack)



PLASTIC

No. 253-1217	Small, HI-3 (100 pack)
No. 253-1218	Medium, HI-4 (100 pack)
No. 253-1220	Large, HI-6 (100 pack)





**POWER CORD
WITH RIGHT ANGLE PLUG**

No. 253-1258

- 14-3 wire
- SJT rating type
- 15 amp at 125 volt
- 8' (2.4M) long
- NEMA 5-15P



POWER CORDS

- 8' (2.4M) long
- NEMA 5-15P

ITEM No.	WIRE	TYPE	RATING AT 125 VOLT
253-1212	18-3	SJT	10 amp
253-1213	16-3	SJT	13 amp
253-1211	14-3	SJT	15 amp
253-1214	12-3	SJT	15 amp



POWER CORD WITH SWITCH

No. 211-1054

- 120 volt, 15 amp
- 6' (1.8M) long
- NEMA 5-15P



**POWER CORD
WITH FEMALE PLUG**

No. 180-1021

- 125 volt, 15 amp
- 6' (1.8M) long



**DURACELL®
BUTTON BATTERIES**

ITEM No.	MANUFACTURER No.	TYPE
253-1244	309, 393, 393B, D309, SR48, F	Watch
253-1246	76A, 675A, A76, LR44, MR44, PX76A	Photo



**DURACELL® PROCELL®
COMMERCIAL
ALKALINE BATTERIES**

- Made to the same performance standards as Copper Top Batteries®
- Mercury-free, safe for the environment
- Sold individually

No. 253-1243 AAA size

No. 253-1241 AA size

No. 253-1240 C size

No. 253-1239 D size

No. 253-1300* D size

No. 253-1242 9 volt

* Box of 12

**HEAVY-DUTY
LANTERN
BATTERY**

No. 253-1263

- 6 volt
- Mercury-free, safe for the environment



TUBULAR CAL ROD HEATERS

Save time and money by bending your own cal rod heaters. Longer lengths are coiled or bent in half for UPS shipment. Can be bent by hand without the use of tools.

- 1/4" (6mm) diameter
- 24" (610mm) wire leads
- Incoloy sheath

Note: Lengths shown do not include wire leads.

ITEM No.	LENGTH	WATTAGE AT	
		120 VOLT	240 VOLT
144-1000	42" (1067mm)	300	1200
144-1001	45" (1143mm)	150	600
144-1002	46" (1168mm)	100	400
144-1003	55" (1397mm)	400	1600
144-1004	58" (1473mm)	125	500
144-1005	72" (1828mm)	200	800
144-1006	76" (1930mm)	600	2400
144-1007	88" (2235mm)	200	800
144-1069	90" (2286mm)	300	1200
144-1008	95" (2413mm)	500	2000

ITEM No.	LENGTH	WATTAGE AT	
		120 VOLT	240 VOLT
144-1009	108" (2743mm)	250	1000
144-1010	110" (2794mm)	800	3200
144-1011	115" (2921mm)	400	1600
144-1012	120" (3048mm)	600	2400
144-1070	134" (3403mm)	275	1100
144-1013	136" (3454mm)	400	1600
144-1014	158" (4013mm)	550	2200
144-1015	190" (4826mm)	500	2000
144-1016	220" (5588mm)	700	2800

RING ELEMENTS

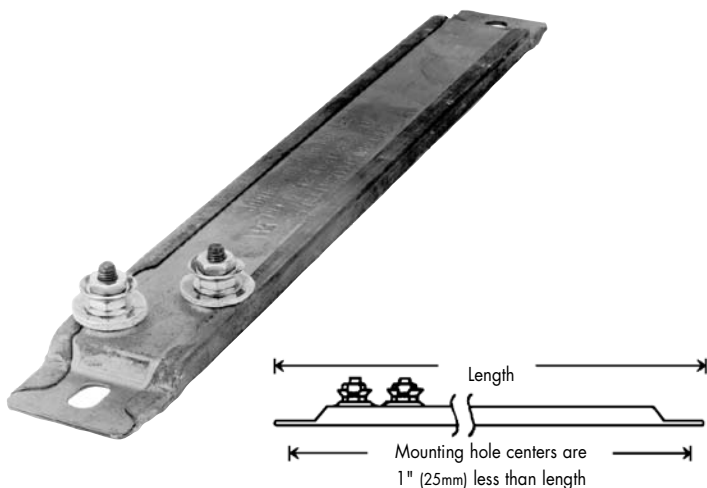
FULL SHEATH-SINGLE HEAT

ITEM No.	OD	ID	VOLT	WATT
253-1039	6 $\frac{1}{16}$ " (154mm)	4 $\frac{5}{16}$ " (110mm)	120	500
253-1042	6 $\frac{1}{8}$ " (156mm)	3" (76mm)	120	1000
253-1048	6 $\frac{1}{32}$ " (168mm)	4 $\frac{1}{2}$ " (114mm)	240	750



Definition:

Full Sheath – Metal covers entire element



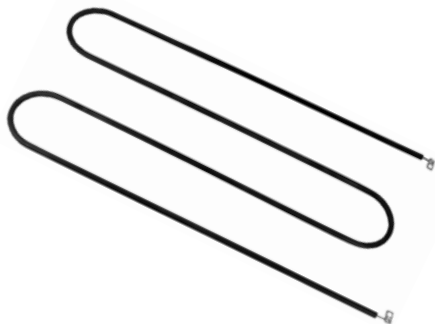
STRIP ELEMENTS

120 VOLT-TYPE OT-1 $\frac{1}{2}$ " (38mm) WIDE

ITEM No.	LENGTH	WATT
253-1082	12" (305mm)	500
253-1094	17 $\frac{7}{8}$ " (454mm)	500
253-1098	17 $\frac{7}{8}$ " (454mm)	1000
253-1074	23 $\frac{3}{4}$ " (603mm)	750

240 VOLT-TYPE OT-1 $\frac{1}{2}$ " (38mm) WIDE

ITEM No.	LENGTH	WATT
253-1095	17 $\frac{7}{8}$ " (454mm)	500
253-1099	17 $\frac{7}{8}$ " (454mm)	1000
253-1075	23 $\frac{3}{4}$ " (603mm)	750
253-1077	23 $\frac{3}{4}$ " (603mm)	1000



WARMER ELEMENTS

- 17 $\frac{1}{2}$ " L x 8 $\frac{7}{8}$ " W (445mm x 225mm)
- Incoloy

No. 144-1067	120 volt, 1000 watt
No. 202-1149	208 volt, 1000 watt
No. 144-1068	240 volt, 1000 watt



WARMER ELEMENTS

- 15 $\frac{1}{2}$ " L x 7 $\frac{1}{2}$ " W (394mm x 191mm)
- Incoloy

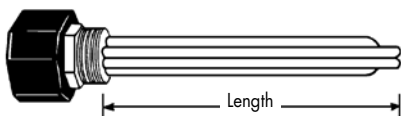
No. 144-1065	120 volt, 1200 watt
No. 144-1066	240 volt, 1200 watt



IMMERSION ELEMENTS WITHOUT THERMOSTATS

- Dishwasher- and booster-type
- 2" NPT mounting
- Incoloy

ITEM No.	VOLT	WATT	ROD LENGTH
SINGLE PHASE			
144-1047	240	5000	13"
3 PHASE			
144-1048	208	5000	13"
144-1050	208	7500	19"



CHROMALOX® THERMOSTAT KIT

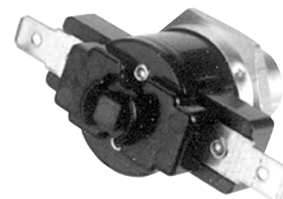
No. 250-1027

- For steam tables
- 60° to 250°F
- 84" capillary
- DPST
- Includes indicator light, mounting plate, and enclosure cover

CHROMALOX® IMMERSION ELEMENTS

- Ideal for use in steam tables and coffee urns
- Includes high limit (No. 144-1072)
- Requires 2 1/8" mounting hole
- Supplied with gasket for watertight seal

208 VOLT ITEM No.	240 VOLT ITEM No.	WATT	LENGTH
SINGLE PHASE			
144-1022		2000	9"
144-1023	144-1031	3000	9"
144-1024	144-1032	4000	10"
144-1025	144-1033	5000	13"
144-1026	144-1034	6000	15"
144-1027	144-1035	7000	15"
3 PHASE			
144-1028	144-1036	5000	11"
144-1029		7000	11"



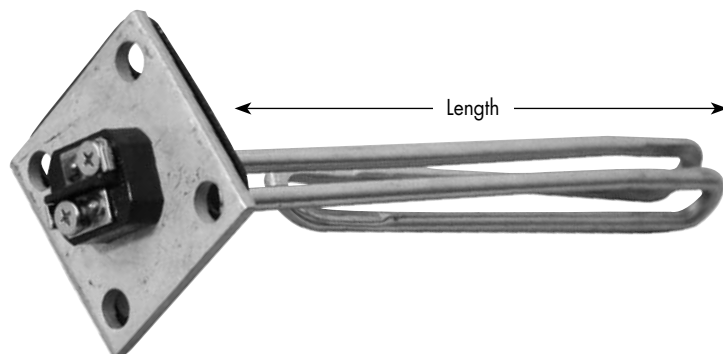
CHROMALOX® HIGH LIMIT

No. 144-1072

- For Chromalox® bow-tie-type immersion elements only
- Includes wire leads, mounting screw, wire connector, and wiring diagrams

Note: This high limit must be used with Chromalox® immersion elements ONLY.

These elements are clearly marked and have a red plastic junction box cover.



IMMERSION HEATER ELEMENTS

- Ideal for use on hot water and booster heaters
- Includes gasket
- 2 1/2" x 2 1/2" (64mm x 64mm) mounting plates, 1 3/4" (44mm) screw centers
- Stainless steel

ITEM No.	VOLT	WATT	LENGTH
144-1058	208	5000	9 3/4" (248mm)
144-1063	240	5000	9 3/4" (248mm)
144-1064	240	6000	11 3/4" (298mm)

No. 144-1055 Replacement element gasket



Elements for specific applications are shown in the Parts section (listed alphabetically by manufacturer).

ELEMENT GASKET
No. 144-1055

- 2½" x 2½" (64mm x 64mm)
- 1¾" (44mm) screw centers
- 1½" (41mm) ID


ELEMENT GASKET
No. 230-1023

- 3" x 3" (76mm x 76mm)
- 2⅝" (60mm) screw centers
- 2¼" (57mm) ID


ELEMENT HIGH LIMIT
No. 144-1021

- For use with Vulcan Electric bowtie elements with metal junction box
- Manual reset


SOCKET FOR SNAP-IN TYPE ELEMENT
No. 170-1012

- 1⅜" (30mm) mounting hole centers
- 18" (457mm) leads
- Spring-type


SOCKET FOR EZ ELEMENT
No. 211-1010

- Includes 1" (25mm) OD aluminum sleeve
- 1⅜" (30mm) mounting hole centers
- 18" (457mm) leads
- Spring-type


FUSES

CARTRIDGE FUSES

- Class G
- Time delay
- 600 volt maximum rating
- 1⅜" (10mm) diameter

ITEM No.	AMP	LENGTH	REPLACES BUSS	LITTELFUSE
253-1172	1	1⅜" (33mm)	SC1	SLC1
253-1256	2	1⅜" (33mm)	SC2	SLC2
253-1167	3	1⅜" (33mm)	SC3	SLC3
253-1174	5	1⅜" (33mm)	SC5	SLC5
253-1168	10	1⅜" (33mm)	SC10	SLC10
253-1169	15	1⅜" (33mm)	SC15	SLC15
253-1170	20	1⅜" (36mm)	SC20	SLC20

CARTRIDGE FUSES

- Class G
- Time delay
- 480 volt maximum rating
- 1⅜" (10mm) diameter

- No. 253-1257** 40 amp
- Buss no. JJN40
- No. 204-1134** 50 amp
- Buss no. JJN50


CERAMIC BODY FUSES

- Fast-acting-type
- 250 volt maximum rating
- ¼" x 1¼" (6mm x 32mm)

ITEM No.	AMP	BUSS	LITTELFUSE
175-1121	2.5	ABC2½	—
215-1347	8	MDA8A	—
223-1011	10	ABC	—
253-1175	15	ABC15	3AB/314 series
253-1176	20	ABC20	3AB/314 series

CARTRIDGE FUSES WITH REJECT FEATURE

- 600 volt maximum rating
- Class CC
- Current limiting

- No. 273-1043** 3 amp
- Littelfuse no. KLKR3

- No. 187-1089** 10 amp
- Replaces Buss no. KTKR10, Littelfuse no. KLKR10


GLASS BODY FUSE
221-1001

- Slo Blo®
- 250 volt maximum rating
- ¼" x 1¼" (6mm x 32mm)
- 2 amp
- Replaces Buss MDL2
- Replaces Littelfuse 3AG/313 series



**SERVING
YOUR NEEDS
FOR OVER
90 YEARS**

FUSE ACCESSORIES & TRANSFORMERS



IN-LINE FUSE HOLDER

No. 253-1178

- For $\frac{1}{4}$ " x $1\frac{1}{4}$ " (6mm x 32mm) fuses
- 8" (203mm) wire lead
- 15 amp



FLANGE MOUNT FUSE HOLDERS

- $\frac{1}{4}$ " (6mm) tabs
- $1\frac{5}{16}$ " (33mm) mounting hole centers
- Fits $\frac{7}{8}$ " (22mm) hole

ITEM No.	AMP	FOR FUSE SIZE
253-1180	15	$1\frac{3}{32}$ " x $1\frac{5}{16}$ " (10mm x 33mm)
253-1181	20	$1\frac{9}{32}$ " x $1\frac{13}{32}$ " (10mm x 36mm)



PANEL MOUNT FUSE HOLDER

No. 253-1179

- For $\frac{1}{4}$ " x $1\frac{1}{4}$ " (6mm x 32mm) fuses
- $\frac{1}{4}$ " (6mm) tabs
- 15 amp
- Fits $\frac{1}{2}$ " (13mm) hole



CARTRIDGE FUSE PULLER

No. 142-1032

- Rugged insulated fiber construction
- For fuse sizes: 250 volt, 0-200 amp
600 volt, 0-100 amp
- $7\frac{1}{2}$ " (191mm) long



TERMINAL BLOCK

No. 170-1029

- 125 amp, 3 pole



DUAL VOLTAGE TRANSFORMER

No. 168-1407

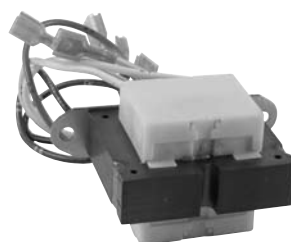
- 100/120 volt primary; 12/24 volt secondary
- 50 VA



TRANSFORMER

No. 170-1138

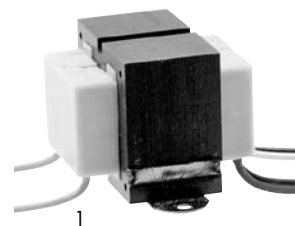
- Dual capability: 480/240 volt or 240/120 volt
- 100 VA
- Includes 2 fuse holders and 2 jumper bars



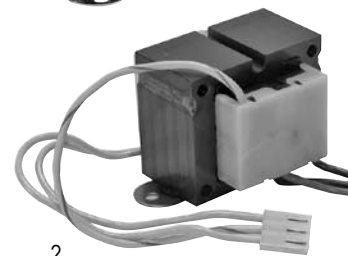
TRANSFORMER

No. 215-1351

- 208/240 volt primary; 24 volt secondary
- 20 VA
- $\frac{1}{4}$ " (6mm) tab connectors



1



2



3

TRANSFORMERS

- 40 VA

1. No. 170-1107 120, 208 or 240 volt primary; 24 volt secondary
2. No. 170-1148 208/240 volt primary; 12/24 volt secondary
- 5 VA
3. No. 175-1123 120 volt primary; 24 volt secondary
3. No. 175-1124 208 volt primary; 24 volt secondary



TRANSFORMERS

- 5 VA

- No. 165-1038 120 volt primary; 24 volt secondary
- No. 271-1007 120 volt primary; 12 volt secondary



DIGITAL MULTIMETER

No. 142-1439

- For measuring voltage, amperage, resistance, continuity, and diode
- 30 ranges and 7 functions
- Large 1" (25mm) high LCD display
- Surge voltage protection
- Data hold
- Continuity buzzer
- Meets IEC safety standards
- Includes 9 volt battery, rubber boot, and test leads

No. 253-1242 9 volt battery



DIGITAL CLAMP-ON TESTER

No. 142-1440

- For measuring voltage, amperage, resistance, and continuity
- 6 ranges and 5 functions
- ½" (13mm) high LCD display
- Data and peak hold
- Continuity buzzer
- Meets UL and IEC safety standards
- Includes 2 AAA batteries, carrying case, and test leads

No. 253-1243 AAA battery



MICROWAVE TESTER

No. 142-1557

- Checks wattage level in microwaves
- Range of 0-1816 watt



WIRE MARKER TAPE AND DISPENSER

No. 142-1021

- Compact, lightweight, durable
- Refillable
- Contains 10 rolls of tape numbered 0 to 9



ELECTRIC RESTAURANT EQUIPMENT REPAIR BOOK

If you sell, repair, or own restaurant equipment, you need this book—it's the same one used by many restaurant equipment repair people.

No. 142-1360

- Easy-to-read, easy-to-follow directions
- Written simply but completely by a technician with years of experience
- Illustrated with useful drawings and how-to instructions



CALIBRATION SCREWDRIVER

No. 142-1267

- Small blade for adjusting electric thermostats
- 5¼" (133mm) overall length



NON-INVERTED INSPECTION MIRROR

No. 142-1481

- Optical quality glass prism provides non-inverted image
- Shock resistant plastic housing
- Multiple joints allow access to even the toughest spots
- Convenient pocket clip



EXTENDIBLE INSPECTION MIRROR

No. 142-1017

- All-angled ball joint swivel
- Stainless steel mirror back
- Fits in pocket and includes clip
- 1½" round mirror
- Folded: 5½"; extends to: 18½"
- Magnetic handle