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**PV8 SERIES 2 STAGE - VARIABLE SPEED
UPFLOW/HORIZONTAL NATURAL GAS FURNACES
80% - INCLUDING LO-NOX MODELS (L)
(STYLE D, Some C)**

HVAC SERVICE PARTS

Supersedes: 035-21319-001 Rev. A (0207)

035-21319-001 Rev. B (0811)

1 of 8

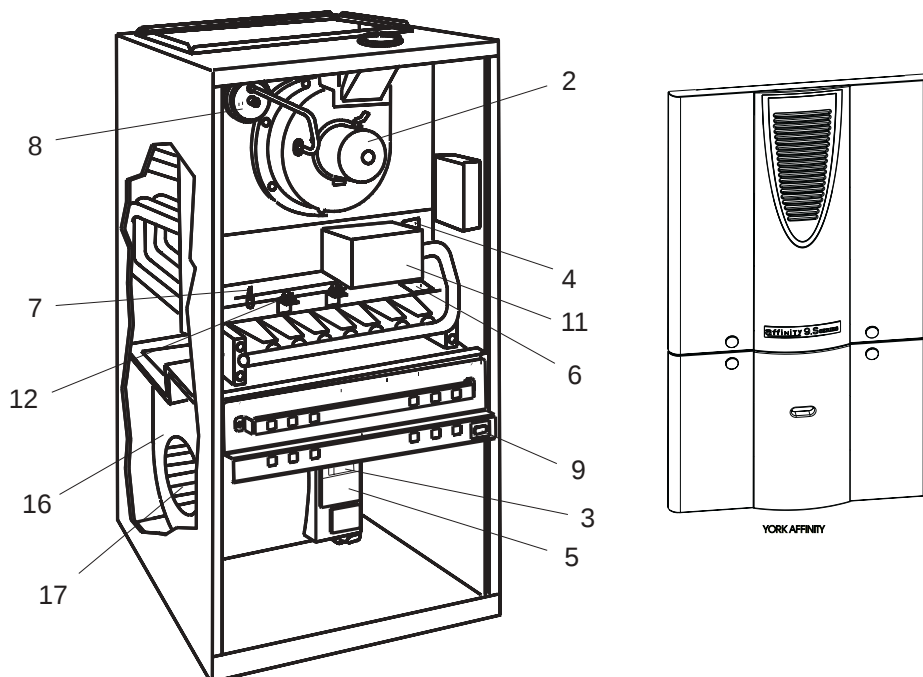


Figure 1: 2 STAGE-VARIABLE SPEED UPFLOW/HORIZONTAL NATURAL GAS FURNACES (80%)

FIG	ITEM	DESCRIPTION	PV8A12N060UH11C	PV8A12N080UH11C	PV8B16N080UH11D	PV8C16N080UH11C
			PV8A12L060UH11C	PV8A12L080UH11C	---	---
			(3 BURNER)	(4 BURNER)	(4 BURNER)	(4 BURNER)
MOTORS						
*	1	MOTOR/MODULE COMPLETE (Programmed	S1-02435296000	S1-02435277000	S1-02435297000	S1-02435615000
*	1A	ECM PROGRAMMED MODULE (Less Motor)	S1-32432013074	S1-32432013061	S1-32432014075	S1-324320140484
*	1B	MOTOR, BLOWER (MOTOR ONLY, LESS ECM MODULE)	S1-02431940000	S1-02431940000	S1-02431947000	S1-02431947000
1	2	MOTOR, VENTOR ASS'Y	S1-02427653000	S1-02427653000	S1-02427653000	S1-02427653000
ELECTRICAL						
1	3	CHOKE, PSC	---	---	S1-02435605000	S1-02435605000
1	4	CONTROL, HIGH LIMIT	S1-02529041005	S1-02529041005	S1-02529041005	S1-02529041005
1	5	CONTROL, FURNACE [FC]	S1-03109169000	S1-03109169000	S1-03109169000	S1-03109169000
1	6	IGNITER	S1-02532625000	S1-02532625000	S1-02532625000	S1-02532625000
1,3	7	SENSOR, FLAME	S1-02527773000	S1-02527773000	S1-02527773000	S1-02527773000
1	8	SWITCH, AIR PRESSURE [1LP]	S1-0243527300	S1-02435274000	S1-02435274000	S1-02435275000
1	9	SWITCH, DOOR [SW]	S1-02427640000	S1-02427640000	S1-02427640000	S1-02427640000
*	10	TRANSFORMER	S1-02530889000	S1-02530889000	S1-02530889000	S1-02530889000
1	11	VALVE, GAS	S1-02538915000	S1-02538915000	S1-02538915000	S1-02538915000
1,3	12	SWITCH, FLAME ROLL-OUT [ROS 3]	S1-02527747016	S1-02527747016	S1-02527747016	S1-02527747016
3	12A	SWITCH, FLAME ROLL-OUT (2 ea.) [ROS 1,2]	S1-02527792009	S1-02527792009	S1-02527792009	S1-02527792009
	13					
*	14	FUSE (ARO 3)	S1-02532746026	S1-02532746026	S1-02532746026	S1-02532746026
	15					
AIR MOVING						
1	16	HOUSING, BLOWER	S1-37317827001	S1-37317827001	S1-37317829002	S1-37317829001
*	16A	WRAP, FILLER PANEL	---	---	S1-06393198000	S1-06378006000
1	17	WHEEL, BLOWER	S1-02619654003	S1-02619654003	S1-02619654009	S1-02619654014

NOTE: *Not Shown

New replacement parts shown in **bold** face type at the first printing of parts list dated 8/11.

Major components and suggested stocking items are shown with shaded item number.

"<" Across from row indicates a change in that row.



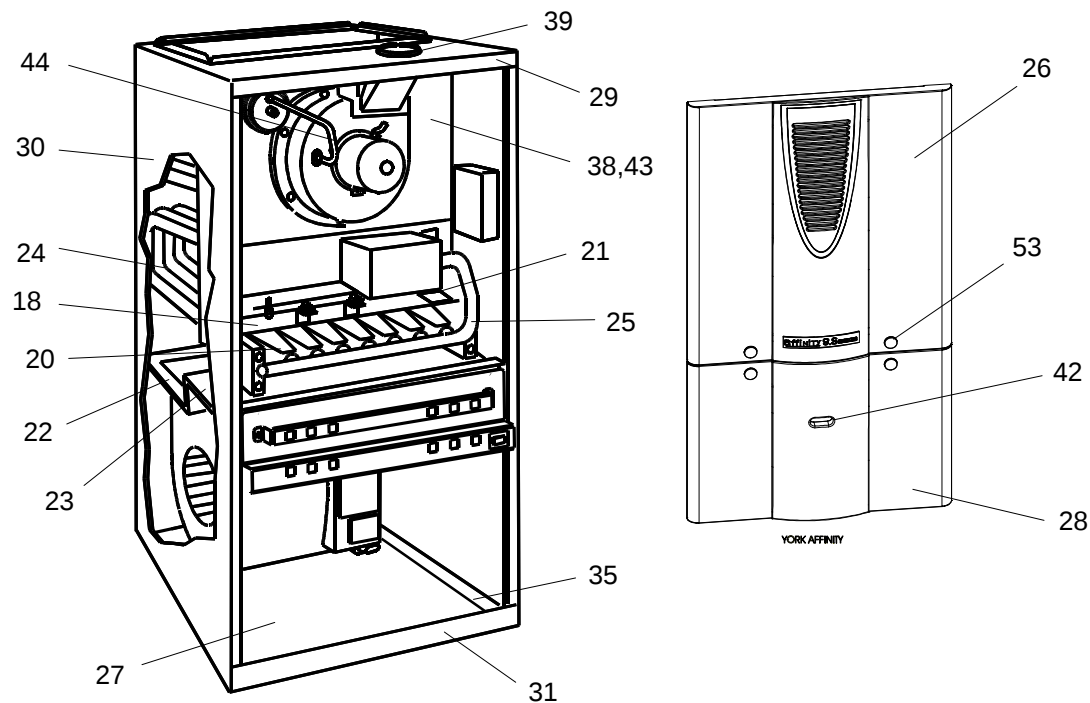


Figure 2: 2 STAGE-VARIABLE SPEED UPFLOW/HORIZONTAL NATURAL GAS FURNACES (80%)

FIG	ITEM	DESCRIPTION	PV8A12N060UH11C	PV8A12N080UH11C	PV8B16N080UH11D	PV8C16N080UH11C
			PV8A12L060UH11C	PV8A12L080UH11C	---	---
			(3 BURNER)	(4 BURNER)	(4 BURNER)	(4 BURNER)
FABRICATED PARTS						
	18					
*	19	BAFFLE, FLUE	S1-07317775001	S1-07317775002	S1-07317775002	S1-07317775002
2,3	20	BURNER, MAIN GAS	S1-02920482000	S1-02920482000	S1-02920482000	S1-02920482000
2,3	21	BRACKET, IGNITER	S1-07317403000	S1-07317403000	S1-07317403000	S1-07317403000
2	22	DECK, BLOWER (Rear)	S1-07317502001	S1-07317502001	S1-07312081000	S1-07312081000
2	23	DECK, FRONT	S1-07317496000	S1-07317496000	S1-07317497000	S1-07317498000
2	24	HEAT EXCHANGER ASS'Y	S1-37323820010	S1-37323820011	S1-37323820015	S1-37323820016
2,3	25	MANIFOLD, GAS	S1-02922114002	S1-02922114003	S1-02922114003	S1-02922114003
2	26	PANEL, UPPER ACCESS (Burner) (Magnet)	S1-37323801001	S1-37323801001	S1-37323801002	S1-37323801011
2	27	PAN, BASE	S1-07319813090	S1-07319813090	S1-07319812090	S1-07319816090
2	28	PANEL, BLOWER ACCESS (Magnet)	S1-37323801013	S1-37323801013	S1-37323801014	S1-37323801023
2	29	PANEL, TOP	S1-07319862061	S1-07319862061	S1-07319862062	S1-07319862063
2	30	WRAPPER, INSULATED	S1-37319862001	S1-37319862001	S1-37319862002	S1-37319862003
2	31	CHANNEL, TOE PLATE	S1-07319862051	S1-07319862051	S1-07319862052	S1-07319862053
	32					
	33					
	34					
2	35	FRAME, SIDE BASE (2 Req'd)	S1-07319811085	S1-07319811085	S1-07319811085	S1-07319811085
3	36	BRACKET, ROLL-OUT SWITCH	S1-07312033000	S1-07312033000	S1-07312033000	S1-07312033000
3	37	ORIFICE, BURNER (Natural #45)	S1-02921182045	S1-02921182045	S1-02921182045	S1-02921182045
2	38	PLATE, RESTRICTOR	S1-07323821002	S1-07323821003	S1-07323821004	S1-07323821008
2	39	COLLAR, FLUE	S1-07317507000	S1-07317507000	S1-07317507000	S1-07317507000
*	40	LO-NOX SCREEN ("L" Models Only)	S1-02635452000	S1-02635452000	---	---

NOTE: *Not Shown

New replacement parts shown in **bold** face type at the first printing of parts list code dated 8/11.

Major components and suggested stocking items are shown with shaded item number.

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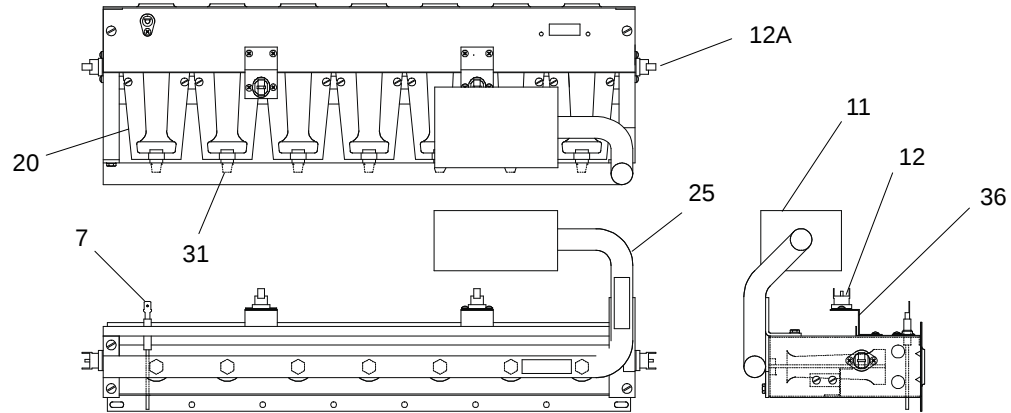


Figure 3: GAS CONTROLS

FIG	ITEM	DESCRIPTION	PV8A12N060UH11C	PV8A12N080UH11C	PV8B16N080UH11D	PV8C16N080UH11C
			PV8A12L060UH11C	PV8A12L080UH11C	---	---
			(3 BURNER)	(4 BURNER)	(4 BURNER)	(4 BURNER)
MISCELLANEOUS						
	41					
2	42	SIGHT GLASS, OVAL	S1-02538899000	S1-02538899000	S1-02538899000	S1-02538899000
2	43	GASKET, RESTRICTOR PLATE	S1-02813258000	S1-02813259000	S1-02813281000	S1-02813282000
2	44	TUBING, SILICONE	S1-02812499000	S1-02812499000	S1-02812499000	S1-02812499000
	45					
*	46	DIAGRAM, WIRING	270848	270848	270848	270848
*	47	HARNESS, MAIN WIRING	S1-02539871003	S1-02539871003	S1-02539871003	S1-02539871003
*	48	FERRULE (3 Req'd)	S1-02320541000	S1-02320541000	S1-02320541000	S1-02320541000
*	49	GROMMET (3 Req'd)	S1-02814740000	S1-02814740000	S1-02814740000	S1-02814740000
	50					
*	51	MOUNT, MOTOR	S1-07319831001	S1-07319831001	S1-07319831001	S1-07319831001
*	52	GROMMET, 1/2" DIA.	S1-02530823000	S1-02530823000	S1-02530823000	S1-02530823000
2	53	KNOB, DOOR (4 Req'd) (Magnet)	S1-02924412000	S1-02924412000	S1-02924412000	S1-02924412000
*	54	HARNESS, MOTOR WIRING (16 Pin)	S1-02541130000	S1-02541130000	S1-02541130000	S1-02541130000
	55					
*	56	MAGNET, DOOR	S1-02924413000	S1-02924413000	S1-02924413000	S1-02924413000

NOTE: *Not Shown

New replacement parts shown in **bold** face type at the first printing of parts list dated 8/11

Major components and suggested stocking items are shown with shaded item number.

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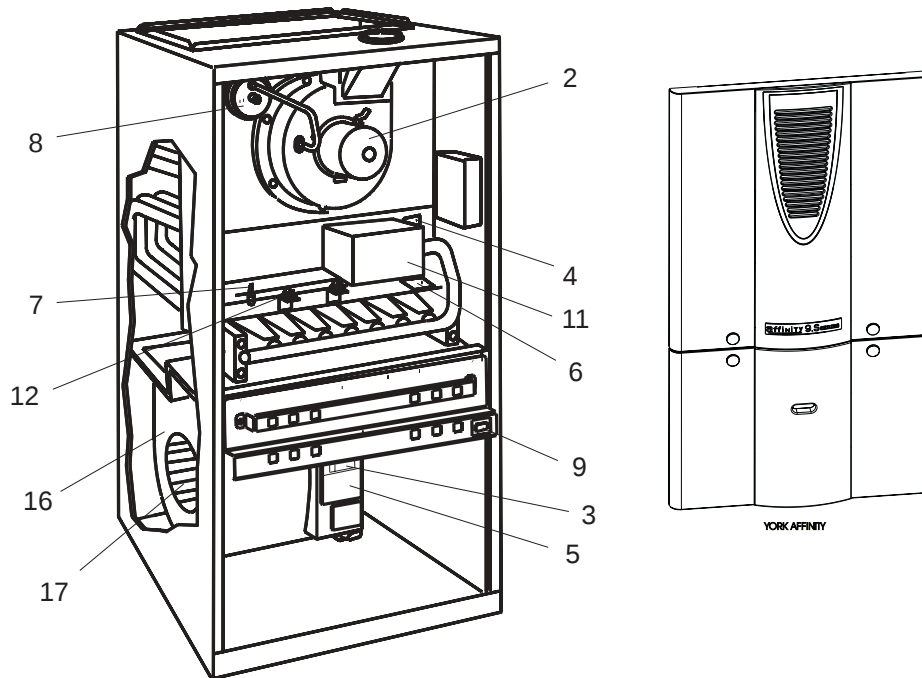


Figure 1: 2 STAGE-VARIABLE SPEED UPFLOW/HORIZONTAL NATURAL GAS FURNACES (80%)

FIG	ITEM	DESCRIPTION	PV8B16N100UH11D	PV8C16N100UH11C	PV8C20N100UH11D	PV8C20N120UH11D
			PV8B16L100UH11D	PV8C16L100UH11C	PV8C20L100UH11D	PV8C20L120UH11D
			(5 BURNER)	(5 BURNER)	(5 BURNER)	(6 BURNER)
MOTORS						
*	1	MOTOR/MODULE COMPLETE (Programmed)	S1-02435278000	S1-02435616000	S1-02435279000	S1-02435280000
*	1A	ECM PROGRAMMED MODULE (Less Motor)	S1-32432014062	S1-32432014085	S1-32432015063	S1-32432015064
	1B	MOTOR, BLOWER (MOTOR ONLY, LESS ECM MODULE)	S1-02431947000	S1-02431947000	S1-02431941000	S1-02431941000
1	2	MOTOR,VENTOR ASS'Y	S1-02427653000	S1-02427653000	S1-02427653000	S1-02427653000
ELECTRICAL						
1	3	CHOKE, PSC	S1-02435605000	S1-02435605000	S1-02435604000	S1-02435604000
1	4	CONTROL, HIGH LIMIT	S1-02529041005	S1-02538970000	S1-02529041005	S1-02538970000
1	5	CONTROL,FURNACE [FC]	S1-03109169000	S1-03109169000	S1-03109169000	S1-03109169000
1	6	IGNITER	S1-02532625000	S1-02532625000	S1-02532625000	S1-02532625000
1,3	7	SENSOR, FLAME	S1-02527773000	S1-02527773000	S1-02527773000	S1-02527773000
1	8	SWITCH, AIR PRESSURE [1LP]	S1-02435275000	S1-02435275000	S1-02435275000	S1-02435276000
1	9	SWITCH, DOOR [SW]	S1-02427640000	S1-02427640000	S1-02427640000	S1-02427640000
*	10	TRANSFORMER	S1-02530889000	S1-02530889000	S1-02530889000	S1-02530889000
1	11	VALVE, GAS	S1-02538915000	S1-02538915000	S1-02538915000	S1-02538915000
1,3	12	SWITCH, FLAME ROLL-OUT [ROS 3]	S1-02527747018	S1-02527747018	S1-02527747018	S1-02527747018
3	12A	SWITCH, FLAME ROLL-OUT (2 ea.)[ROS 1,2]	S1-02527792009	S1-02527792009	S1-02527792009	S1-02527792009
	13					
*	14	FUSE (ARO 3)	S1-02532746026	S1-02532746026	S1-02532746026	S1-02532746026
	15					
AIR MOVING						
1	16	HOUSING, BLOWER	S1-37317829001	S1-37317829001	S1-37317829001	S1-37317829001
*	16A	WRAP, FILLER PANEL	S1-06378006000	S1-06378006000	S1-06378006000	S1-06378006000
1	17	WHEEL, BLOWER	S1-02619654014	S1-02619654014	S1-02619654014	S1-02619654014

NOTE: *Not Shown

New replacement parts shown in **bold** face type at the first printing of parts list dated 8/11.

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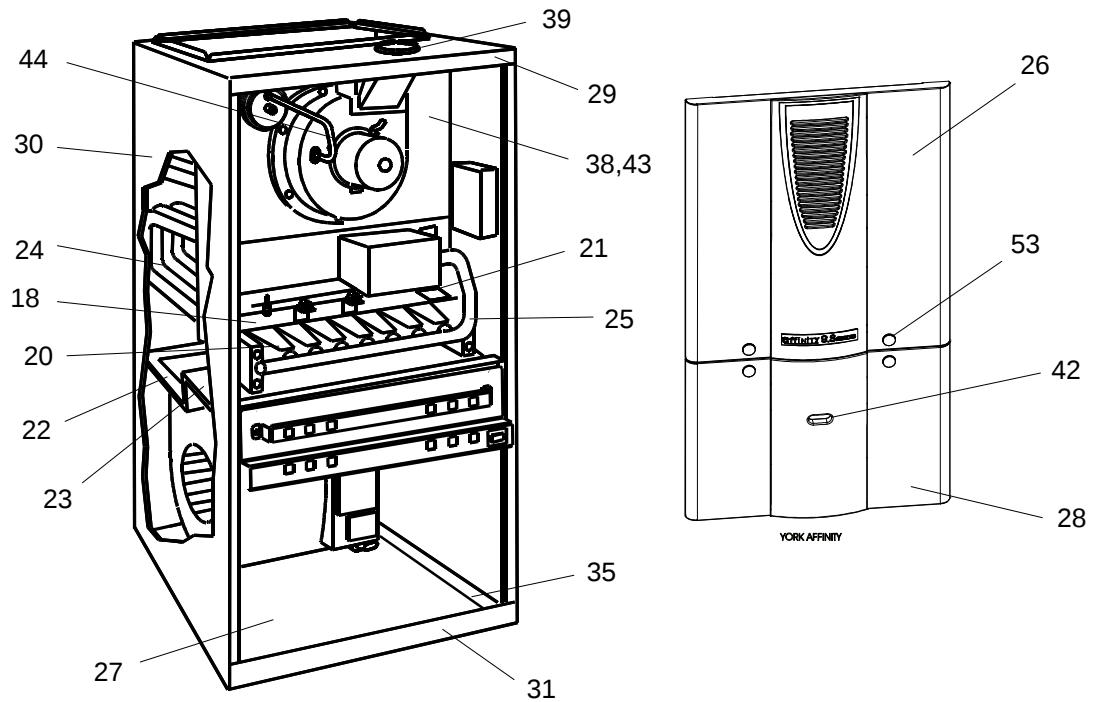


Figure 2: 2 STAGE-VARIABLE SPEED UPFLOW/HORIZONTAL NATURAL GAS FURNACES (80%)

FIG	ITEM	DESCRIPTION	PV8B16N100UH11D	PV8C16N100UH11C	PV8C20N100UH11D	PV8C20N120UH11D
			PV8B16L100UH11D	PV8C16L100UH11C	PV8C20L100UH11D	PV8C20L120UH11D
			(5 BURNER)	(5 BURNER)	(5 BURNER)	(6 BURNER)
FABRICATED PARTS						
	18					
*	19	BAFFLE, FLUE	S1-07317775003	S1-07317775003	S1-07317775003	S1-07317775004
2,3	20	BURNER, MAIN GAS	S1-02920482000	S1-02920482000	S1-02920482000	S1-02920482000
2,3	21	BRACKET, IGNITER	S1-07317403000	S1-07317403000	S1-07317403000	S1-07317403000
2	22	DECK, BLOWER (Rear)	S1-07312081000	S1-07312082000	S1-07312082000	S1-07312082000
2	23	DECK, FRONT	S1-07317497000	S1-07317498000	S1-07317498000	S1-07317498000
2	24	HEAT EXCHANGER ASS'Y	S1-37323820012	S1-37323820017	S1-37323820017	S1-37323820013
2,3	25	MANIFOLD, GAS	S1-02922114004	S1-02922114004	S1-02922114004	S1-02922114005
2	26	PANEL, UPPER ACCESS (Burner)(Magnet)	S1-37323801002	S1-37323801003	S1-37323801003	S1-37323801003
2	27	PAN, BASE	S1-07319813090	S1-07319816090	S1-07319816090	S1-07319816090
2	28	PANEL, BLOWER ACCESS (Magnet)	S1-37323801014	S1-37323801015	S1-37323801015	S1-37323801015
2	29	PANEL, TOP	S1-07319862062	S1-07319862063	S1-07319862063	S1-07319862063
2	30	WRAPPER, CABINET	S1-37319862002	S1-37319862003	S1-37319862003	S1-37319862003
2	31	CHANNEL, TOE PLATE	S1-07319862052	S1-07319862053	S1-07319862053	S1-07319862053
	32					
	33					
	34					
2	35	FRAME, SIDE BASE (2 Req'd)	S1-07319811085	S1-07319811085	S1-07319811085	S1-07319811085
3	36	BRACKET, ROLL-OUT SWITCH	S1-07312033000	S1-07312033000	S1-07312033000	S1-07312033000
3	37	ORIFICE, BURNER (Natural #45)	S1-02921182045	S1-02921182045	S1-02921182045	S1-02921182045
2	38	PLATE, RESTRICTOR	S1-07323821005	S1-07323821006	S1-07323821006	S1-07323821009
2	39	COLLAR, FLUE	S1-07317507000	S1-07317507000	S1-07317507000	S1-07317507000
*	40	LO-NOX SCREEN ("L" Models Only)	S1-02635452000	S1-02635452000	S1-02635452000	S1-02635452000

NOTE: *Not Shown

New replacement parts shown in **bold** face type at the first printing of parts list dated 8/11

Major components and suggested stocking items are shown with shaded item number.

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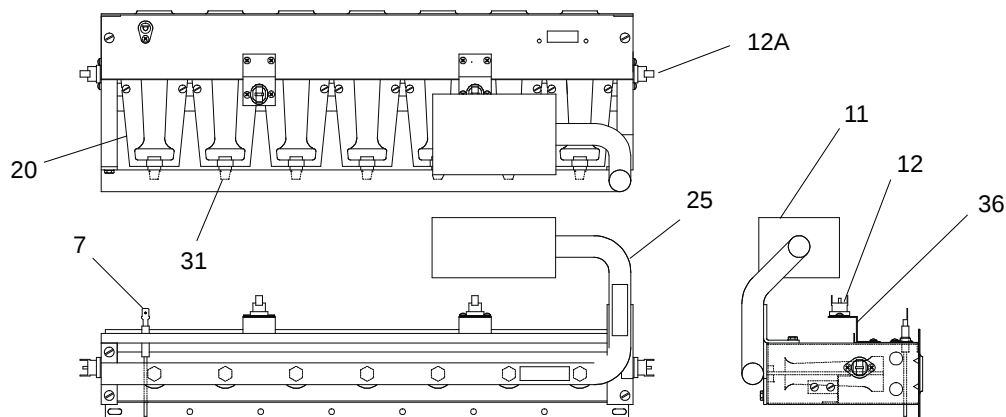


Figure 3: GAS CONTROLS

FIG	ITEM	DESCRIPTION	PV8B16N100UH11D	PV8C16N100UH11C	PV8C20N100UH11D	PV8C20N120UH11D
			PV8B16L100UH11D	PV8C16L100UH11C	PV8C20L100UH11D	PV8C20L120UH11D
			(5 BURNER)	(5 BURNER)	(5 BURNER)	(6 BURNER)
MISCELLANEOUS						
	41					
2	42	SIGHT GLASS, OVAL	S1-02538899000	S1-02538899000	S1-02538899000	S1-02538899000
2	43	GASKET, RESTRICTOR PLATE	S1-02813260000	S1-02813283000	S1-02813283000	S1-02813261000
2	44	TUBING, SILICONE	S1-02812499000	S1-02812499000	S1-02812499000	S1-02812499000
	45					
*	46	DIAGRAM, WIRING	270848	270848	270848	270848
*	47	HARNESS, MAIN WIRING	S1-02539871003	S1-02539871003	S1-02539871003	S1-02539871004
*	48	FERRULE (3 Req'd)	S1-02320541000	S1-02320541000	S1-02320541000	S1-02320541000
*	49	GROMMET (3 Req'd)	S1-02814740000	S1-02814740000	S1-02814740000	S1-02814740000
	50					
*	51	MOUNT, MOTOR	S1-07319831001	S1-07319831001	S1-07319831001	S1-07319831001
*	52	GROMMET, 1/2" DIA.	S1-02530823000	S1-02530823000	S1-02530823000	S1-02530823000
2	53	KNOB, DOOR (4 Req'd) (Magnet)	S1-02924412000	S1-02924412000	S1-02924412000	S1-02924412000
*	54	HARNESS, MOTOR WIRING (16 Pin)	S1-02541130000	S1-02541130000	S1-02541130000	S1-02541130000
	55					
*	56	MAGNET, DOOR	S1-02924413000	S1-02924413000	S1-02924413000	S1-02924413000

NOTE: *Not Shown
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NOTES

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035-21319-001 Rev. B (0811)
Supersedes: 035-21319-001 Rev. A (0207)

Johnson Controls Unitary Products
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