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HVAC SERVICE PARTS

PS9 SERIES 90% DOWNFLOW/HORIZONTAL NATURAL GAS FURNACES

Supersedes: 035-20660-001 Rev. B (0605)

035-20660-001 Rev. C (1005)

1 of 8

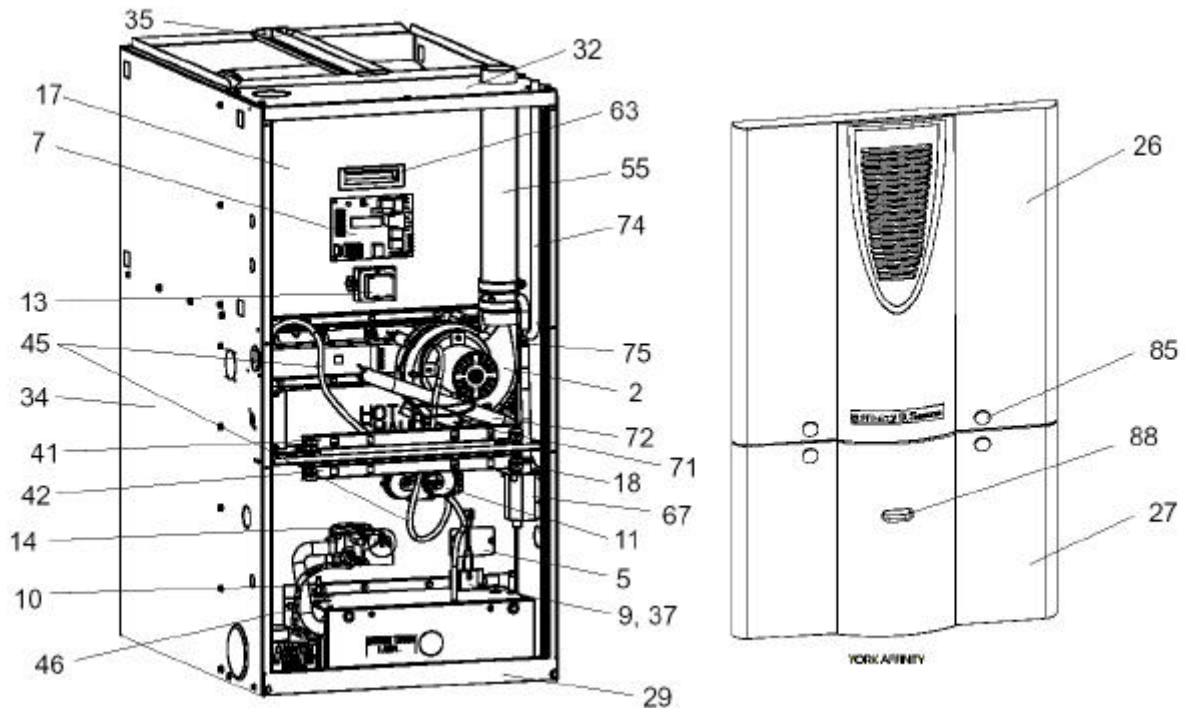


Figure 1: DOWNFLOW/HORIZONTAL NATURAL GAS FURNACES (90%)

FIG	ITEM	DESCRIPTION	PS9B12N060DH11A	PS9B12N080DH11A	PS9C16N080DH11A
			(3 BURNER)	(4 BURNER)	(4 BURNER)
MOTOR					
2	1	MOTOR,DIRECT DRIVE BLOWER	024-32054-000	024-32054-000	024-32055-000
1,2	2	MOTOR, INDUCER ASS'Y	024-34558-000	024-34558-000	024-34558-000
ELECTRICAL					
2	3	CAPACITOR, RUN (7.5MFD/370V)	024-20045-000	024-20045-000	---
		CAPACITOR, RUN (10MFD/370V)	---	---	024-20046-000
2	4	SWITCH, LIMIT (INDUCER)	025-38737-000	025-38737-000	025-38737-000
1,2	5	LIMIT, TEMPERATURE (Primary)	025-29041-004	025-29041-011	025-29041-004
2,3	6	LIMIT, FLAME ROLL-OUT	025-27792-001	025-27792-001	025-27792-001
1	7	CONTROL, FURNACE MODULE	031-01973-000	031-01973-000	031-01973-000
*	8	FUSE	025-32746-026	025-32746-026	025-32746-026
1,3	9	IGNITER	025-32625-000	025-32625-000	025-32625-000
1,3	10	SENSOR, FLAME	025-37499-000	025-37499-000	025-37499-000
1	11	SWITCH, PRESSURE	024-34612-000	024-34561-000	024-34560-000
*	12	SWITCH, DOOR	024-27640-000	024-27640-000	024-27640-000
1	13	TRANSFORMER	025-30889-000	025-30889-000	025-30889-000
1,3	14	VALVE, GAS	025-37426-000	025-37426-000	025-37426-000
AIR MOVING					
2	15	HOUSING, BLOWER	373-19812-751	373-19812-751	373-19816-751
2	16	WHEEL, BLOWER	026-19654-009	026-19654-009	026-19654-014

NOTE: *Not Shown

New replacement parts shown in **bold** face type at the first printing of parts list dated 10/05.

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

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

--- Not applicable to specified model.

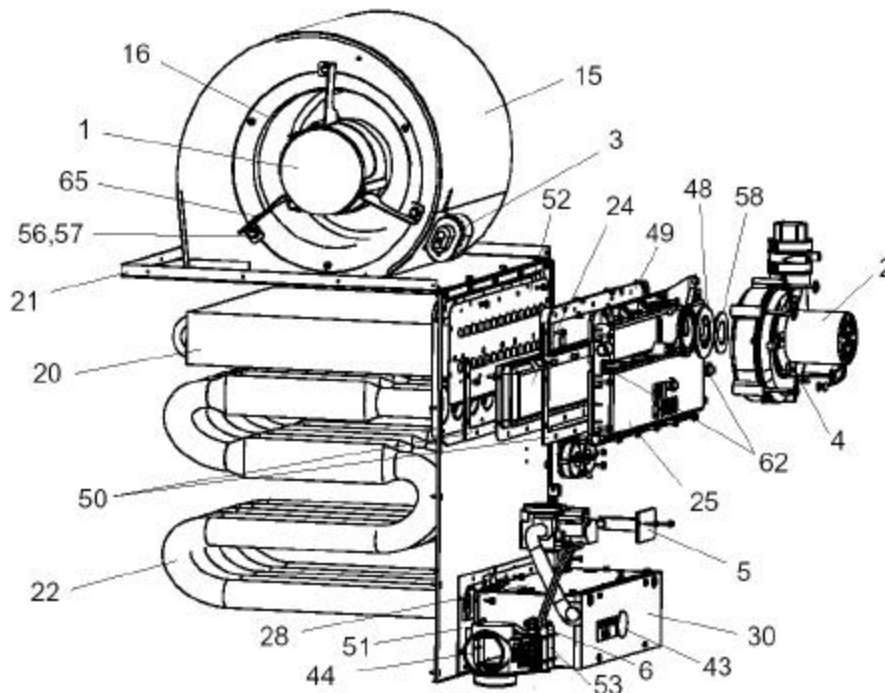


Figure 2: DOWNFLOW/HORIZONTAL NATURAL GAS FURNACES (90%)

FIG	ITEM	DESCRIPTION	PS9B12N060DH11A	PS9B12N080DH11A	PS9C16N080DH11A
			(3 BURNER)	(4 BURNER)	(4 BURNER)
FABRICATED PARTS					
1	17	PANEL, BLOWER COVER	073-19812-370	073-19812-370	073-19816-370
1	18	BRACKET, CONDENSATE TRAP	073-19811-009	073-19811-009	073-19811-009
3	19	BURNER, MAIN GAS	029-20482-000	029-20482-000	029-20482-000
2	20	COIL, CONDENSING	373-19812-801	373-19812-801	373-19816-801
2	21	SHELF, BLOWER	073-19812-222	073-19812-222	073-19816-222
2	22	HEAT EXCHANGER ASS'Y	373-19812-611	373-19812-612	373-19816-611
3	23	MANIFOLD, GAS	029-22253-030	029-22253-040	029-22253-040
2	24	SHIELD, PAN	073-19812-570	073-19812-570	073-19816-570
2	25	PAN, CONDENSATE	028-15151-000	028-15151-000	028-15152-000
1	26	PANEL, UPPER ACCESS	373-19812-405	373-19812-405	373-19816-405
1	27	PANEL, LOWER ACCESS	373-19812-415	373-19812-415	373-19816-415
2,3	28	WRAPPER, BURNER BOX	073-19811-730	073-19811-740	073-19811-740
1	29	CHANNEL, TOE PLATE	073-19862-052	073-19862-052	073-19862-053
2,3	30	COVER, GAS CONTROL	373-22155-002	373-22155-003	373-22155-003
*	31	PANEL, BOTTOM	073-19812-170	073-19812-170	073-19816-170
1	32	PANEL, TOP	073-19868-022	073-19868-022	073-19868-023
3	33	SUPPORT, BURNER	073-19811-330	073-19811-340	073-19811-340
1	34	WRAPPER, CABINET	373-19868-002	373-19868-002	373-19868-003
1	35	BRACKET, FILTER	373-18262-001	373-18262-001	373-18262-001
3	36	PLATE, DIFFUSER	073-19811-023	073-19811-024	073-19811-024
1,3	37	BRACKET, IGNITER	073-17403-000	073-17403-000	073-17403-000
*	38	BRACKET, DOOR SWITCH	073-19811-380	073-19811-380	073-19811-380
*	39	BRACKET, DOOR	073-19812-190	073-19812-190	073-19816-190
3	40	BOTTOM PANEL, BURNER BOX	073-19811-130	073-19811-140	073-19811-140
1	41	TOP MOUNTING BRACKET	073-19814-073	073-19814-073	073-19816-073
1	42	BOTTOM MOUNTING BRACKET	073-19814-429	073-19814-429	073-19816-429

NOTE: *Not Shown

New replacement parts shown in **bold** face type at the first printing of parts list dated 10/05.

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

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--- Not applicable to specified model.

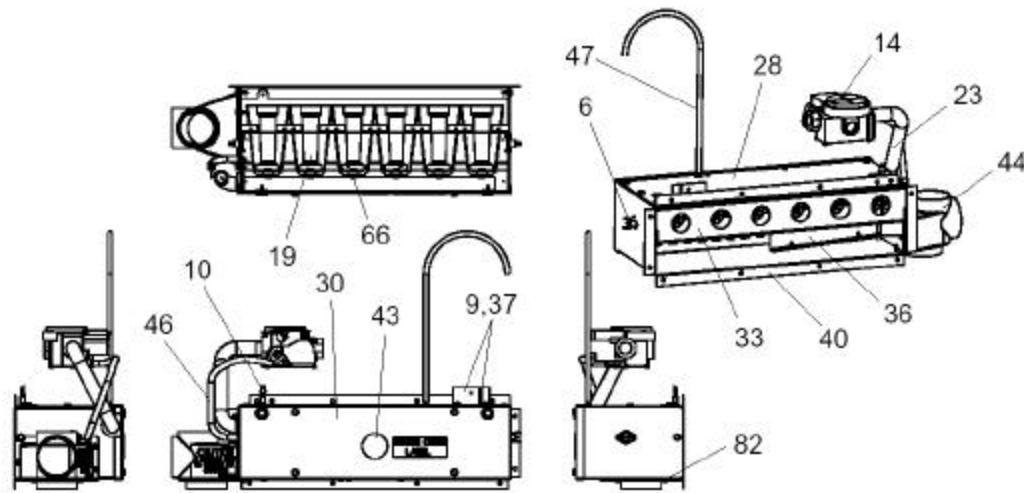


Figure 3: GAS CONTROLS (90%)

FIG	ITEM	DESCRIPTION	PS9B12N060DH11A (3 BURNER)	PS9B12N080DH11A (4 BURNER)	PS9C16N080DH11A (4 BURNER)
MISCELLANEOUS					
2,3	43	PLUG, WINDOW, CLEAR - 1.5"	025-37005-000	025-37005-000	025-37005-000
2,3	44	COMBUSTION AIR TRANSITION, 3-WAY	028-15195-000	028-15195-000	028-15195-000
1	45	TUBING, SILICONE (Gray, .188 ID, 2.83 ft. req'd)	028-12499-000	028-12499-000	028-12499-000
1,3	46	TUBING, SILICONE (Preformed)	028-15170-000	028-15170-000	028-15170-000
3	47	TUBING, SILICONE (Gray, .188 ID, 1.25 ft. req'd)	028-12499-000	028-12499-000	028-12499-000
2	48	GASKET, COMBUSTION BLOWER	028-15177-000	028-15177-000	028-15177-000
2	49	GASKET, CONDENSATE PAN	028-14759-002	028-14759-002	028-14759-003
2	50	GASKET, UPPER CONDENSATE PAN (2 Req'd)	028-14773-000	028-14773-000	028-14774-000
2	51	GASKET, GAS CONTROLS	028-14772-103	028-14772-104	028-14772-104
2	52	GASKET, CONDENSING COIL	028-14760-002	028-14760-002	028-14760-003
2	53	GASKET, COMBUSTION AIR TRANSITION	028-15155-000	028-15155-000	028-15155-000
	54				
1	55	VENT PIPE 2" X 15.25" LG.	028-15166-000	028-15166-000	028-15166-000
2	56	GROMMET, MOTOR (3 Req'd)	028-14740-000	028-14740-000	028-14740-000
2	57	FERRULE (3 Req'd)	023-20541-000	023-20541-000	023-20541-000
2	58	COMBUSTION BLWR RESTRICTOR	028-15172-000	028-15173-000	028-15174-000
*	59	SPRING, DOOR	029-22119-000	029-22119-000	029-22119-000
*	60	RETAINER, SQUARE	028-15190-000	028-15190-000	028-15190-000
*	61	RESTRICTOR, TUBE	028-15206-000	028-15206-000	028-15206-000
2	62	WASHER, FLAT FIBERGLASS (2 Req'd)	028-14768-000	028-14768-000	028-14768-000
1	63	HANDLE, DOOR	028-14886-000	028-14886-000	028-14886-000
*	64	HARNESS, MAIN WIRING	373-19811-540	373-19811-540	373-19811-540
2	65	MOUNT, 1 PC. MOTOR	073-19831-001	073-19831-001	073-19831-001
3	66	ORIFICE, BURNER (Natural #45)	029-21182-045	029-21182-045	029-21182-045
1	67	TRAP, CONDENSATE	028-14762-000	028-14762-000	028-14762-000
*	68	WIRING DIAGRAM	035-20648-001	035-20648-001	035-20648-001
*	69	45 DEG. STREET ELBOW 2"	028-15161-000	028-15161-000	028-15161-000
*	70	DRAIN TUBE, CONDENSATE TRAP	028-13309-004	028-13309-004	028-13309-004
1	71	DRAIN TUBE, COMBUSTION BLOWER	028-15168-000	028-15168-000	028-15168-000
1	72	DRAIN TUBE, CONDENSATE PAN	028-15156-000	028-15156-000	028-15156-000
*	73	DRAIN TUBE, STRAIGHT 21" LG.	028-15169-001	028-15169-001	028-15169-001
1	74	DRAIN TUBE, RAIN GUTTER	028-15196-000	028-15196-000	028-15196-000
1	75	DRAIN HOSE ASSEMBLY	028-15176-000	028-15176-000	028-15176-000
*	76	DRAIN TUBE, CONDENSATE	028-15197-000	028-15197-000	028-15197-000
*	77	LOCKNUT, CONDUIT (1/2")	025-32683-000	025-32683-000	025-32683-000
*	78	ADAPTER, INSERT	025-31808-000	025-31808-000	025-31808-000
*	79	BUSHING, THREADED	025-31807-000	025-31807-000	025-31807-000
*	80	FILTER, AIR (2 Req'd) (20 x 14 x .75)	026-23050-004	026-23050-004	026-23050-004
*	81	BAFFLE, BURNER BOX	---	---	---
3	82	GROMMET, MANIFOLD	028-12465-000	028-12465-000	028-12465-000
	83				
*	84	DRAIN TUBE, VENT PIPE	028-15158-000	028-15158-000	028-15158-000
1	85	DOOR KNOB (Black)	026-39490-000	026-39490-000	026-39490-000
*	86	RETAINER, DOOR KNOB	021-31394-000	021-31394-000	021-31394-000
*	87	NUT, SELF-THREADING	021-31395-000	021-31395-000	021-31395-000
1	88	SIGHT GLASS, OVAL	025-38899-000	025-38899-000	025-38899-000

NOTE: *Not Shown

New replacement parts shown in **bold** face type at the first printing of parts list dated 10/05.

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

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

--- Not applicable to specified model.

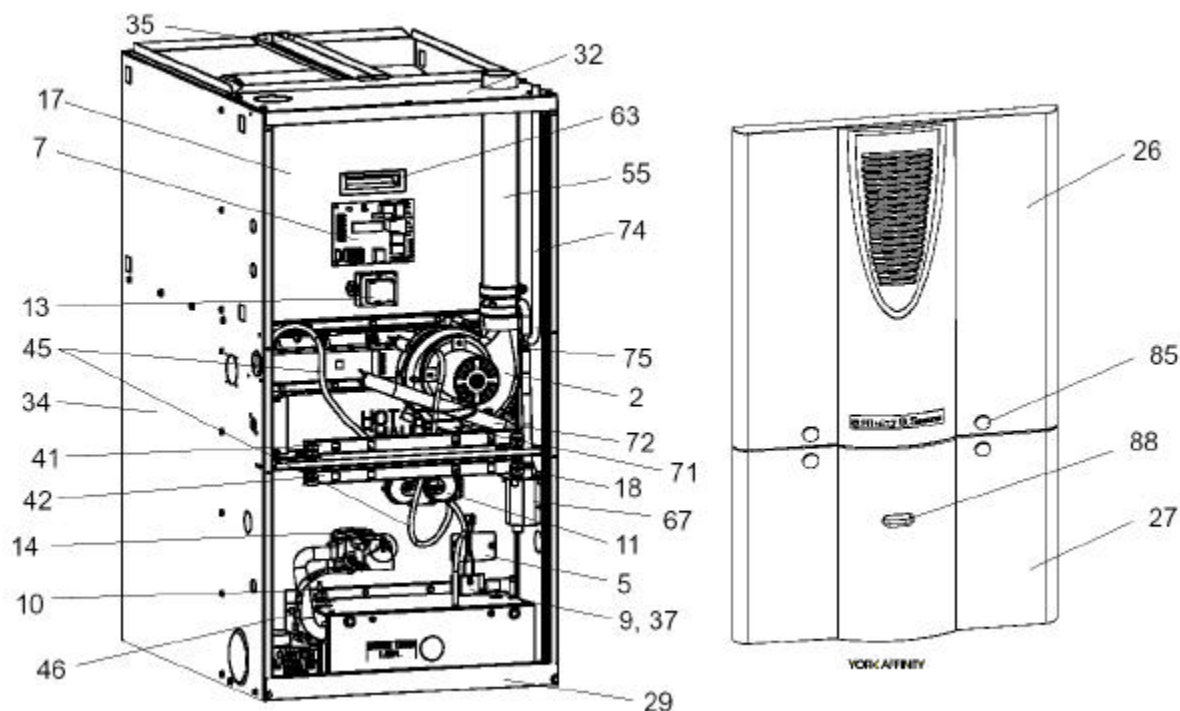


Figure 1: DOWNFLOW/HORIZONTAL NATURAL GAS FURNACES (90%)

FIG	ITEM	DESCRIPTION	PS9C16N100DH11A	PS9C20N100DH11A	PS9D20N120DH11A
			(5 BURNER)	(5 BURNER)	(6 BURNER)
MOTOR					
2	1	MOTOR, DIRECT DRIVE BLOWER	024-32055-000	024-32056-000	024-32056-000
1,2	2	MOTOR, INDUCER ASS'Y	024-34558-000	024-34558-000	024-34558-000
ELECTRICAL					
2	3	CAPACITOR, RUN (10MFD/370V)	024-20046-000	---	---
		CAPACITOR, RUN (15MFD/370V)	---	024-25900-000	024-25900-000
2	4	SWITCH, LIMIT (INDUCER)	025-38737-000	025-38737-000	025-38737-000
1,2	5	LIMIT, TEMPERATURE (Primary)	025-29041-011	025-29041-011	025-29041-012
2,3	6	LIMIT, FLAME ROLL-OUT	025-27792-001	025-27792-001	025-27792-001
1	7	CONTROL,FURNACE MODULE	031-01973-000	031-01973-000	031-01973-000
*	8	FUSE	025-32746-026	025-32746-026	025-32746-026
1,3	9	IGNITER	025-32625-000	025-32625-000	025-32625-000
1,3	10	SENSOR, FLAME	025-37499-000	025-37499-000	025-37499-000
1	11	SWITCH, PRESSURE	024-34562-000	024-34562-000	024-34562-000
*	12	SWITCH, DOOR	024-27640-000	024-27640-000	024-27640-000
1	13	TRANSFORMER	025-30889-000	025-30889-000	025-30889-000
1,3	14	VALVE, GAS	025-37426-000	025-37426-000	025-37426-000
AIR MOVING					
2	15	HOUSING, BLOWER	373-19816-751	373-19820-751	373-19820-751
2	16	WHEEL, BLOWER	026-19654-014	026-38510-000	026-38510-000

NOTE: *Not Shown

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

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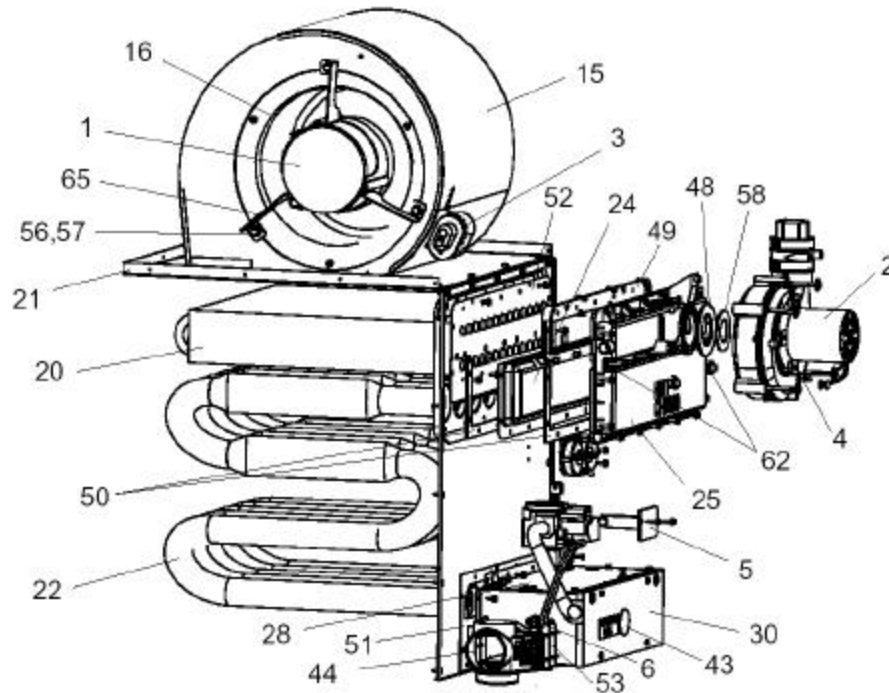


Figure 2: DOWNFLOW/HORIZONTAL NATURAL GAS FURNACES (90%)

FIG	ITEM	DESCRIPTION	PS9C16N100DH11A	PS9C20N100DH11A	PS9D20N120DH11A
			(5 BURNER)	(5 BURNER)	(6 BURNER)
FABRICATED PARTS					
1	17	PANEL, BLOWER COVER	073-19816-370	073-19816-370	073-19820-370
1	18	BRACKET, CONDENSATE TRAP	073-19811-009	073-19811-009	073-19811-009
3	19	BURNER, MAIN GAS	029-20482-000	029-20482-000	029-20482-000
2	20	COIL, CONDENSING	373-19816-801	373-19816-801	373-19820-801
2	21	SHELF, BLOWER	073-19816-222	073-19816-242	073-19820-222
2	22	HEAT EXCHANGER ASS'Y	373-19816-612	373-19816-612	373-19820-611
3	23	MANIFOLD, GAS	029-22253-050	029-22253-050	029-22253-060
2	24	SHIELD, PAN	073-19816-570	073-19816-570	073-19820-570
2	25	PAN, CONDENSATE	028-15152-000	028-15152-000	028-15153-000
1	26	PANEL, UPPER ACCESS	373-19816-405	373-19816-405	373-19820-405
1	27	PANEL, LOWER ACCESS	373-19816-415	373-19816-415	373-19820-415
2,3	28	WRAPPER, BURNER BOX	073-19811-750	073-19811-750	073-19811-760
1	29	CHANNEL, TOE PLATE	073-19862-053	073-19862-053	073-19862-054
2,3	30	COVER, GAS CONTROL	373-22155-004	373-22155-004	373-22155-005
*	31	PANEL, BOTTOM	073-19816-170	073-19816-170	073-19820-170
1	32	PANEL, TOP	073-19868-023	073-19868-023	073-19868-024
3	33	SUPPORT, BURNER	073-19811-350	073-19811-350	073-19811-360
1	34	WRAPPER, CABINET	373-19868-003	373-19868-003	373-19868-004
1	35	BRACKET, FILTER	373-18262-001	373-18262-001	373-18262-001
3	36	PLATE, DIFFUSER	073-19811-025	073-19811-025	073-19811-026
1,3	37	BRACKET, IGNITER	073-17403-000	073-17403-000	073-17403-000
*	38	BRACKET, DOOR SWITCH	073-19811-380	073-19811-380	073-19811-380
*	39	BRACKET, DOOR	073-19816-190	073-19816-190	073-19820-190
3	40	BOTTOM PANEL, BURNER BOX	073-19811-150	073-19811-150	073-19811-160
1	41	TOP MOUNTING BRACKET	073-19816-073	073-19816-073	073-19820-073
1	42	BOTTOM MOUNTING BRACKET	073-19816-429	073-19816-429	073-19820-429

NOTE: *Not Shown

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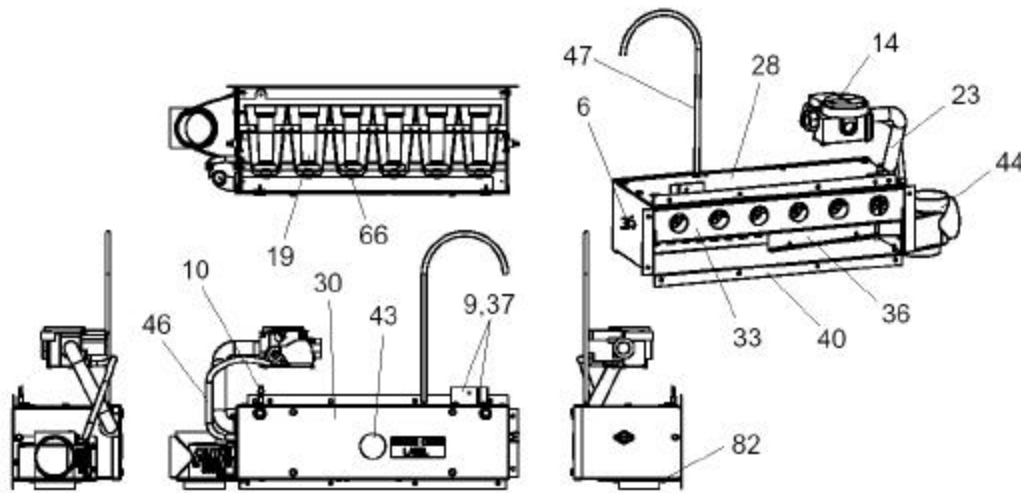


Figure 3: GAS CONTROLS (90%)

FIG	ITEM	DESCRIPTION	PS9C16N100DH11A (5 BURNER)	PS9C20N100DH11A (5 BURNER)	PS9D20N120DH11A (6 BURNER)
MISCELLANEOUS					
2,3	43	PLUG, WINDOW, CLEAR - 1.5"	025-37005-000	025-37005-000	025-37005-000
2,3	44	COMBUSTION AIR TRANSITION, 3-WAY	028-15195-000	028-15195-000	028-15195-000
1	45	TUBING, SILICONE (Gray, .188 ID, 2.83 ft. req'd)	028-12499-000	028-12499-000	028-12499-000
1,3	46	TUBING, SILICONE (Preformed)	028-15170-000	028-15170-000	028-15170-000
3	47	TUBING, SILICONE (Gray, .188 ID, 1.25 ft. req'd)	028-12499-000	028-12499-000	028-12499-000
2	48	GASKET, COMBUSTION BLOWER	028-15177-000	028-15177-000	028-15177-000
2	49	GASKET, CONDENSATE PAN	028-14759-003	028-14759-003	028-14759-004
2	50	GASKET, UPPER CONDENSATE PAN (2 Req'd)	028-14774-000	028-14774-000	028-14775-000
2	51	GASKET, GAS CONTROLS	028-14772-105	028-14772-105	028-14772-106
2	52	GASKET, CONDENSING COIL	028-14760-003	028-14760-003	028-14760-004
2	53	GASKET, COMBUSTION AIR TRANSITION	028-15155-000	028-15155-000	028-15155-000
	54				
1	55	VENT PIPE 2" X 15.25" LG.	028-15166-000	028-15166-000	028-15166-000
2	56	GROMMET, MOTOR (3 Req'd)	028-14740-000	028-14740-000	028-14740-000
2	57	FERRULE (3 Req'd)	023-20541-000	023-20541-000	023-20541-000
2	58	COMBUSTION BLWR RESTRICTOR	028-15173-000	028-15173-000	028-15173-000
*	59	SPRING, DOOR	029-22119-000	029-22119-000	029-22119-000
*	60	RETAINER, SQUARE	028-15190-000	028-15190-000	028-15190-000
*	61	RESTRICTOR, TUBE	028-15206-000	028-15206-000	028-15206-000
*	62	WASHER, FLAT FIBERGLASS (2 Req'd)	028-14768-000	028-14768-000	028-14768-000
1	63	HANDLE, DOOR	028-14886-000	028-14886-000	028-14886-000
*	64	HARNESS, MAIN WIRING	373-19811-540	373-19811-540	373-19811-540
2	65	MOUNT, 1 PC. MOTOR	073-19831-001	073-19831-001	073-19831-001
3	66	ORIFICE, BURNER (Natural #45)	029-21182-045	029-21182-045	029-21182-045
1	67	TRAP, CONDENSATE	028-14762-000	028-14762-000	028-14762-000
*	68	WIRING DIAGRAM	035-20648-001	035-20648-001	035-20648-001
*	69	45 DEG. STREET ELBOW 2"	028-15161-000	028-15161-000	028-15161-000
*	70	DRAIN TUBE, CONDENSATE TRAP	028-13309-004	028-13309-004	028-13309-004
1	71	DRAIN TUBE, COMBUSTION BLOWER	028-15168-000	028-15168-000	028-15168-000
1	72	DRAIN TUBE, CONDENSATE PAN	028-15156-000	028-15156-000	028-15156-000
*	73	DRAIN TUBE, STRAIGHT 21" LG.	028-15169-001	028-15169-001	028-15169-001
1	74	DRAIN TUBE, RAIN GUTTER	028-15196-000	028-15196-000	028-15196-000
1	75	DRAIN HOSE ASSEMBLY	028-15176-000	028-15176-000	028-15176-000
*	76	DRAIN TUBE, CONDENSATE	028-15197-000	028-15197-000	028-15197-000
*	77	LOCKNUT, CONDUIT (1/2")	025-32683-000	025-32683-000	025-32683-000
*	78	ADAPTER, INSERT	025-31808-000	025-31808-000	025-31808-000
*	79	BUSHING, THREADED	025-31807-000	025-31807-000	025-31807-000
*	80	FILTER, AIR (2 Req'd) (20 x 14 x .75)	026-23050-004	026-23050-004	026-23050-004
*	81	BAFFLE, BURNER BOX	---	---	073-19811-005
3	82	GROMMET, MANIFOLD	028-12465-000	028-12465-000	028-12465-000
	83				
*	84	DRAIN TUBE, VENT PIPE	028-15158-000	028-15158-000	028-15158-000
1	85	DOOR KNOB (Black)	026-39490-000	026-39490-000	026-39490-000
*	86	RETAINER, DOOR KNOB	021-31394-000	021-31394-000	021-31394-000
*	87	NUT, SELF-THREADING	021-31395-000	021-31395-000	021-31395-000
1	88	SIGHT GLASS, OVAL	025-38899-000	025-38899-000	025-38899-000

NOTE: *Not Shown

New replacement parts shown in **bold** face type at the first printing of parts list dated 10/05.

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

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--- Not applicable to specified model.

NOTES

TO ORDER AUTHORIZED FACTORY REPLACEMENT PARTS - Contact your Source1 HVAC Parts Distributor or visit our website at **www.Source1Parts.com** for a Distributor and Dealer listing.

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035-20660-001 Rev. C (1005)
Supersedes: 035-20660-001 Rev. B (0605)

Unitary Products Group	5005 York Drive	Norman OK 73069
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