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PT8 SERIES 2-STAGE DOWNFLOW NATURAL GAS FURNACES (80%) (STYLE B)

HVAC SERVICE PARTS

Supersedes: Nothing

035-20688-001 Rev. A (0105)

1 of 4

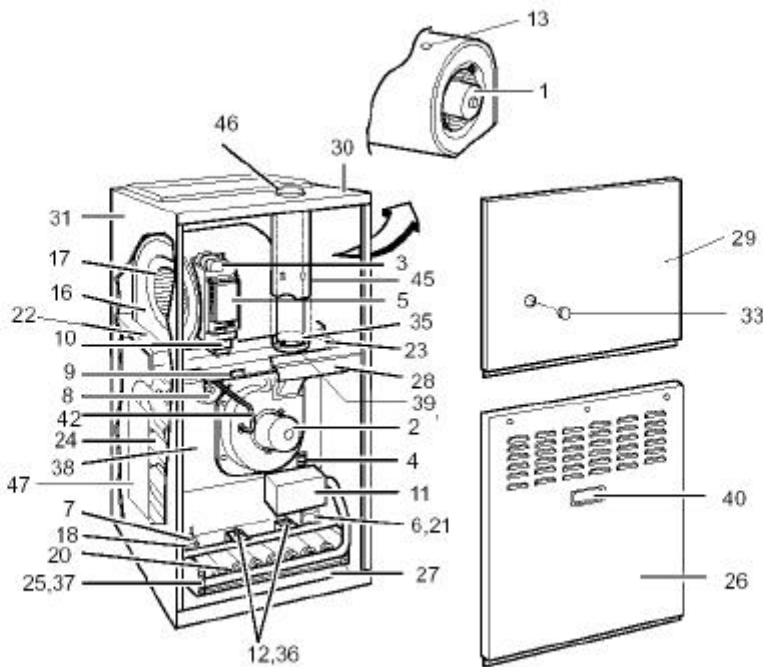


Figure 1: 2-STAGE DOWNFLOW NATURAL GAS FURNACES (80%)

FIG	ITEM	DESCRIPTION	PT8A12N060DN11B	PT8A12N080DN11B	PT8B12N100DN11B
			(3 BURNER)	(4 BURNER)	(4 BURNER)
MOTOR					
1	1	MOTOR, DIRECT DRIVE BLOWER	024-32054-000	024-32054-000	024-32056-000
1	2	MOTOR, VENTOR ASS'Y	024-27653-000	024-27653-000	024-27653-000
ELECTRICAL					
1	3	CAPACITOR (7.5MFD/370V) [RC]	024-20045-000	024-20045-000	024-20045-000
1	4	CONTROL, HIGH LIMIT [LS1]	025-29041-002	025-29041-005	025-29041-004
1	5	CONTROL, FURNACE [FC]	031-09117-000	031-09117-000	031-09117-000
1	6	IGNITOR	025-32625-000	025-32625-000	025-32625-000
1,2	7	SENSOR, FLAME	025-27773-000	025-27773-000	025-27773-000
1	8	SWITCH, AIR PRESSURE [1LP]	024-27655-001	024-27656-001	024-27657-001
1	9	SWITCH, DOOR [SW]	024-31943-000	024-31943-000	024-31943-000
1	10	TRANSFORMER	025-30889-000	025-30889-000	025-30889-000
1,2	11	VALVE, GAS	025-38915-000	025-38915-000	025-38915-000
1,2	12	CONTROL, LIMIT (Blower) (1 Req'd) [ROS1]	025-27747-016	025-27747-016	025-27747-018
1	13	CONTROL, AUXILARY LIMIT [LS2]	025-35378-000	025-35378-000	025-35378-000
	14				
*	15	FUSE	025-32746-026	025-32746-026	025-32746-026
AIR MOVING					
1	16	HOUSING, BLOWER	373-17827-001	373-17827-001	373-19870-502
*	16A	PANEL, FILLER WRAP	---	---	073-19870-511
1	17	WHEEL, BLOWER	026-19654-003	026-19654-003	026-38510-000

NOTE: *Not Shown

New replacement parts shown in **bold** face type at the first printing of parts list dated 1/05.

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

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--- Not applicable to specified model.

FIG	ITEM	DESCRIPTION	PT8A12N060DN11B	PT8A12N080DN11B	PT8B12N100DN11B
			(3 BURNER)	(4 BURNER)	(4 BURNER)
FABRICATED PARTS					
1	18	SHIELD, SECONDARY AIR	073-17404-003	073-17404-004	073-17404-005
*	19	BAFFLE, FLUE	073-17775-001	073-17775-002	073-17775-003
1,2	20	BURNER, MAIN GAS	029-20482-000	029-20482-000	029-20482-000
1	21	BRACKET, IGNITOR	073-17403-000	073-17403-000	073-17403-000
1	22	DECK, BLOWER (Rear)	073-17502-001	073-17502-001	073-12081-000
1	23	DECK, FRONT	073-18247-002	073-18247-002	073-20997-000
1	24	HEAT EXCHANGER ASS'Y (Primary)	373-17519-003	373-17519-004	373-17519-005
1,2	25	MANIFOLD, GAS	029-22114-002	029-22114-003	029-22114-004
1	26	PANEL, FRONT (Burner)	073-19862-031	073-19862-031	073-19862-032
1	27	PANEL, BASE	073-19864-051	073-19864-051	073-19864-052
1	28	BRACKET, DOOR	073-19864-071	073-19864-071	073-19864-072
1	29	PANEL, FRONT (Blower)	073-19862-041	073-19862-041	073-19862-042
1	30	PANEL, TOP	073-19864-061	073-19864-061	073-19864-062
1	31	WRAPPER, INSULATED	373-19864-001	373-19864-001	373-19864-002
MISCELLANEOUS					
*	32	FILTER (2 Req'd) (.75 X 14 X 20)	026-23050-004	026-23050-004	026-23050-004
1	33	PLUG, WINDOW, CLEAR - 1.5"	025-37005-000	025-37005-000	025-37005-000
*	34	BRACKET, FILTER	373-18262-001	373-18262-001	373-18262-001
1	35	GASKET, VENT PIPE	013-02905-000	013-02905-000	013-02905-000
1,2	36	BRACKET, ROLL-OUT SWITCH	073-12033-000	073-12033-000	073-12033-000
1,2	37	ORIFICE, BURNER (Natural #45)	029-21182-045	029-21182-045	029-21182-045
1	38	PLATE, RESTRICTOR	073-17777-144	073-17487-172	073-17488-191
1	39	COLLAR, FLUE	073-22222-000	073-22222-000	073-22222-000
1	40	HANDLE, DOOR	028-14886-000	028-14886-000	028-14886-000
*	41	GASKET, RESTRICTOR PLATE	028-13258-000	028-13259-000	028-13260-000
1	42	TUBING, SILICONE	028-12499-000	028-12499-000	028-12499-000
*	43	WIRING DIAGRAM	035-19932-002	035-19932-002	035-19932-002
*	44	WIRING HARNESS	373-19870-041	373-19870-041	373-19870-041
1	45	HOUSING FLUE	026-35453-002	026-35453-002	026-35453-002
1	46	VENT PIPE	026-37300-002	026-37300-002	026-37300-002
1	47	RETAINER, INSULATION	073-18035-001	073-18035-001	073-18035-002
*	48	MOTOR MOUNT	---	---	073-19831-001
*	49	ISOLATOR, TUBE (3 Req'd)	---	---	028-09412-001
*	50	ISOLATOR, WASHER (3 Req'd)	---	---	028-09412-002
*	51	ISOLATOR, SLEEVE (3 Req'd)	---	---	028-09412-003
*	52	BAFFLE, BLOWER	073-17854-002	073-17854-002	073-17854-002
*	53	GROMMET, 1/2" DIA.	025-30823-000	025-30823-000	025-30823-000
*	54	LOGO/BEZEL ASSY	373-23701-003	373-23701-003	373-23701-003

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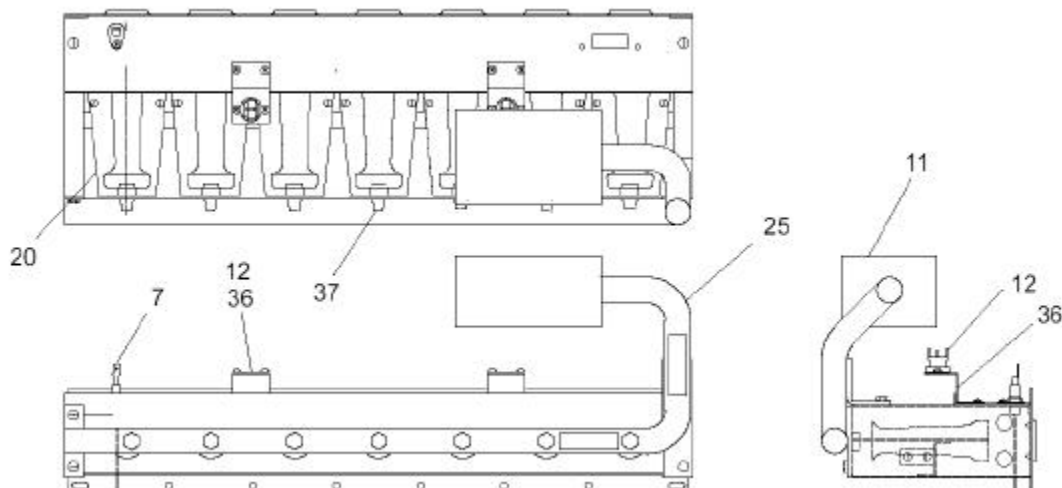


Figure 2: GAS CONTROLS

FIG	ITEM	DESCRIPTION	PT8B16N080DN11B	PT8C20N120DN11B
			(5 BURNER)	(6 BURNER)
MOTOR				
1	1	MOTOR, DIRECT DRIVE BLOWER	024-32056-000	024-26002-000
1	2	MOTOR, VENTOR ASS'Y	024-27653-000	024-27653-000
ELECTRICAL				
1	3	CAPACITOR (10MFD/370V) [RC]	024-20046-000	---
		CAPACITOR (15MFD/370V) [RC]	---	024-25900-000
1	4	CONTROL, HIGH LIMIT [LS1]	025-29041-011	025-29041-004
1	5	CONTROL, FURNACE [FC]	031-09117-000	031-09117-000
1	6	IGNITOR	025-32625-000	025-32625-000
1,2	7	SENSOR, FLAME	025-27773-000	025-27773-000
1	8	SWITCH, AIR PRESSURE [1LP]	024-27656-001	024-27658-001
1	9	SWITCH, DOOR [SW]	024-31943-000	024-31943-000
1	10	TRANSFORMER	025-30889-000	025-30889-000
1,2	11	VALVE, GAS	025-38915-000	025-38915-000
1,2	12	CONTROL, LIMIT (Blower) (1 Req'd) [ROS1,2]	025-27747-016	---
		CONTROL, LIMIT (Blower) (2 Req'd) [ROS1,2]	---	025-27747-018
1	13	CONTROL, AUXILIARY LIMIT	025-35378-000	025-35378-000
	14			
*	15	FUSE	025-32746-026	025-32746-026
AIR MOVING				
1	16	HOUSING, BLOWER	373-17829-001	373-17829-001
*	16A	PANEL, FILLER WRAP	063-78006-000	073-19870-502
1	17	WHEEL, BLOWER	026-19654-014	026-38510-000
FABRICATED PARTS				
1	18	SHIELD, SECONDARY AIR	073-17404-004	073-17404-006
*	19	BAFFLE, FLUE	073-17775-002	073-17775-004
1,2	20	BURNER, MAIN GAS	029-20482-000	029-20482-000
1	21	BRACKET, IGNITOR	073-17403-000	073-17403-000
1	22	DECK, BLOWER (Rear)	073-17503-000	073-23737-001
1	23	DECK, FRONT	073-20997-000	073-20998-000
1	24	HEAT EXCHANGER ASS'Y (Primary)	373-17519-008	373-17519-006
1,2	25	MANIFOLD, GAS	029-22114-003	029-22114-005
1	26	PANEL, FRONT (Burner)	073-19862-032	073-19862-033
1	27	PANEL, BASE	073-19864-052	073-19864-053
1	28	BRACKET, DOOR	073-19864-072	073-19864-073
1	29	PANEL, FRONT (Blower)	073-19862-042	073-19862-043
1	30	PANEL, TOP	073-19864-062	073-19864-063
1	31	WRAPPER, INSULATED	373-19864-002	373-19864-003
MISCELLANEOUS				
*	32	FILTER (2 Req'd) (.75 X 14 X 20)	026-23050-004	026-23050-004
1	33	PLUG, WINDOW, CLEAR - 1.5"	025-37005-000	025-37005-000
*	34	BRACKET, FILTER	373-18262-001	373-18262-001
1	35	GASKET, VENT PIPE	013-02905-000	013-02905-000
1,2	36	BRACKET, ROLL-OUT SWITCH	073-12033-000	073-12033-000
1,2	37	ORIFICE, BURNER (Natural #45)	029-21182-045	029-21182-045
1	38	PLATE, RESTRICTOR	073-17785-172	073-17489-256
1	39	COLLAR, FLUE	073-22222-000	073-22222-000
1	40	HANDLE, DOOR	028-14886-000	028-14886-000
*	41	GASKET, RESTRICTOR PLATE	028-13281-000	028-13261-000
1	42	TUBING, SILICONE	028-12499-000	028-12499-000
*	43	WIRING DIAGRAM	035-19932-002	035-19932-002
*	44	WIRING HARNESS	373-19870-041	373-19870-042
1	45	HOUSING, FLUE	026-35453-002	026-35453-002
1	46	VENT PIPE	026-37300-002	026-37300-002
1	47	RETAINER, INSULATION	073-18035-002	073-18035-003
*	48	MOTOR MOUNT	073-19831-001	073-19831-001
*	49	ISOLATOR, TUBE (3 Req'd)	028-09412-001	028-09412-001
*	50	ISOLATOR, WASHER (3 Req'd)	028-09412-002	028-09412-002
*	51	ISOLATOR, SLEEVE (3 Req'd)	028-09412-003	028-09412-003
*	52	BAFFLE, BLOWER	073-17854-004	073-17854-003
*	53	GROMMET, 1/2" DIA.	025-30823-000	025-30823-000
*	54	LOGO/BEZEL ASSY	373-23701-003	373-23701-003

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FIELD INSTALLED ACCESSORIES - NON ELECTRICAL		
MODEL NO.	DESCRIPTION	USED WITH
1NP0480	PROPANE (LP) CONVERSION KIT	ALL MODELS
1PS0301	HIGH ALTITUDE PRESSURE SWITCH KIT (Does Not Include Orifices)	SEE TABLE BELOW
1PS0302		
1PS0311		
1PS0312		
1CB0314		
1CB0317	COMBUSTIBLE FLOOR BASE FOR DOWNFLOW UNITS	14-1/2" ("A") CABINETS
1CB0321		17-1/2" ("B") CABINETS
1CB0324		21" ("C") CABINETS
1CB0324		24-1/2" ("D") CABINETS
1SR0302	EXTERNAL SIDE FILTER RACK - WITH FILTER RACK (6 pack)	ALL MODELS

FIELD INSTALLED ACCESSORIES - ELECTRICAL		
MODEL NO.	DESCRIPTION	USED WITH
2TH04701524	THERMOSTAT-Two-stage Heat / Cool, deluxe 24V, less subbase. NOTE: Must be used with subbase 2TB04700224.	ALL MODELS
2TB04700224	SUBBASE- Two-stage Heat / Cool, Auto or manual changeover. System Switch: Off-Heat-Auto-Cool. Fan Switch: Auto-On. Isolated Heat/Cool circuits.	ALL MODELS
2TH04701024	THERMOSTAT- Two-stage Heat / Cool, Auto or manual changeover. System Switch: Heat-Off-Cool-Auto. Fan Switch: On-Auto.	ALL MODELS
2ET07700424	THERMOSTAT-Two-stage Heat / Cool. Programmable electronic (5+1+1), Auto or manual changeover. System Switch: Heat-Off-Cool-Auto. Fan Switch: Auto-On.	ALL MODELS

HIGH PRESSURE SWITCH			
Input (MBH)	Output (MBH)	2,000 to 5,500 Ft.	>5,500 to 10,000 Ft.
40	32	1PS0301	1PS0301
60	48	1PS0301	1PS0301
80	64	1PS0302	1PS0302
100	80	1PS0312	1PS0311
115	92	1PS0312	1PS0311
130	104	1PS0312	1PS0311

This document Appends: 035-20451-001 Rev. A (0604).

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