

FEATURES

Dedicated downflow – needs no field conversion
Top vent connection allows installation in narrow locations
80% AFUE
Heating input range 50,000 - 125,000 BTUH
Cooling capacity supported 1 1/2 - 5 ton
Electronic air cleaner connection (115V)
Humidifier connection (115V)
5 amp fused low voltage circuit protection
Time delay off for air conditioner SEER enhancement
Twinning compatible

WARRANTY

25-year limited warranty on heat exchanger, 5-year limited warranty on covered components

HEAT EXCHANGER ASSEMBLY

Crimp-Tite™ crimped aluminized steel heat exchanger for longer life and safe operation

VENTING

4" venting—vertical or horizontal with approved power venter (Category I appliance)

CONTROLS

Honeywell® Smart Valve™ System with LED diagnostics for fast, accurate troubleshooting
Slow opening valve for quiet, smooth ignition
Honeywell Fan Timer Control ST9160

SAFETY

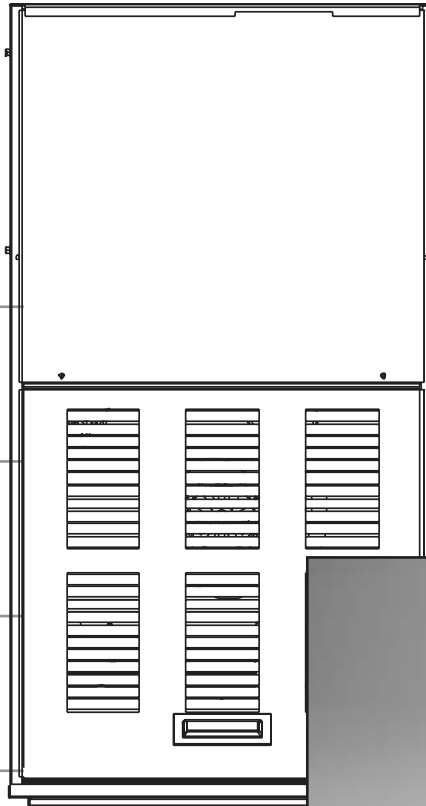
CSA certified for US and Canada

INDOOR AIR BLOWER

Three-speed PSC blower motor

ACCESSORIES

Combustible floor base
LP conversion kit
Furnace twinning kit



Ducane
DPGB

DOWNFLOW GAS FURNACE

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AIR CONDITIONING
AND HEATING
THE DIFFERENCE IS QUALITY[®]

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DOWNFLOW GAS FURNACE

UNIT SPECIFICATIONS

	DPGB050A3	DPGB075A3	DPGB100A3	DPGB100A4
GAS	NATURAL (LP WITH CONVERSION KIT)			
INPUT RATE (BTU per Hour)	50,000	75,000	100,000	100,000
HEATING CAPACITY (BTU per Hour)	40,000	60,000	80,000	80,000
AFUE (ISOLATED COMB. SYSTEM)	80.0%			
TEMPERATURE RISE	45-75 F			
VOLTS / PHASE / HERTZ	115 /1/ 60			
STATIC PRESSURE (certified max.)	0.50" W.C.			
BLOWER MOTOR HORSEPOWER	1/3	1/3	1/4	1/2
BLOWER WHEEL SIZE (dia x width)	10 x 6	10 x 6	10 x 9	12 x 9
NUMBER OF HEAT EXCHANGERS	2	3	4	4
FLUE SIZE (diameter)	4"	4"	4"	4"
LIMIT CONTROL, SNAP DISK STYLE	180 F	170 F	160 F	190 F
GAS VALVE / IGNITION CONTROL	HONEYWELL SV9520 SMART VALVE SYSTEM (1/2 X 1/2)			
TRANSFORMER	40 VA. 115 VAC PRIMARY, 24 VAC SECONDARY, FOOT-MOUNTED			
MAXIMUM OUTLET TEMPERATURE	180 F			
SHIPPING WEIGHTS	105	113	141	141

	DPGB075A4	DPGB100A5	DPGB125A5
GAS	NATURAL (LP WITH CONVERSION KIT)		
INPUT RATE (BTU per Hour)	75,000	100,000	125,000
HEATING CAPACITY (BTU per Hour)	60,000	80,000	100,000
AFUE (ISOLATED COMB, SYSTEM)	80%		
TEMPERATURE RISE	30-60 F	30-60 F	45-75 F
VOLTS/PHASE/HERTZ	115/1/60		
STATIC PRESSURE (certified max.)	0.5" W.C.		
BLOWER MOTOR HORSEPOWER	1/2	1/2	1/2
BLOWER WHEEL SIZE (dia x width)	12 X 9	12 X 12	12 X 12
NUMBER OF HEAT EXCHANGERS	3	4	5
FLUE SIZE (diameter)	4"	4"	4"
LIMIT CONTROL, SNAP DISK STYLE	170 F	190 F	190 F
GAS VALVE / IGNITION CONTROL	HONEYWELL SV9520 SMART VALVE SYSTEM (1/2 X 1/2)		
TRANSFORMER	40 VA. 115 VAC PRIMARY, 24 VAC SECONDARY, FOOT-MOUNTED		
MAXIMUM OUTLET TEMPERATURE	180 F		
SHIPPING WEIGHTS	134	159	167

AIR FLOW DATA

DUCANE MODEL NUMBER	BLOWER SPEED	EXTERNAL STATIC, in w.c.									
		0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
DPGB050A3 (10 X 6 WHEEL) (1/3 HP MOTOR)	LOW	805	800	790	770	750	715	685	620	535	385
	MED	1140	1125	1090	1060	1010	955	880	815	710	580
	HIGH	1530	1475	1410	1325	1235	1150	1065	985	855	750
DPGB075A3 (10 X 6 WHEEL) (1/3 HP MOTOR)	LOW	805	800	790	770	750	715	685	620	535	385
	MED	1140	1125	1090	1060	1010	955	880	815	710	580
	HIGH	1530	1475	1410	1325	1235	1155	1065	985	855	720
DPGB075A4 (12 X 9 WHEEL) (1/2 HP MOTOR)	LOW	1375	1365	1350	1330	1315	1295	1240	1195	1085	975
	MED	1625	1610	1595	1580	1550	1510	1475	1425	1335	1225
	HIGH	2020	1945	1910	1880	1845	1800	1755	1690	1605	1470
DPGB100A3 (10 X 9 WHEEL) (1/4 HP MOTOR)	LOW	1235	1230	1205	1165	1105	1030	935	825	695	550
	MED	1375	1355	1320	1270	1200	1115	1020	905	775	625
	HIGH	1510	1475	1425	1365	1290	1205	1100	985	860	720
DPGB100A4 (12 X 9 WHEEL) (1/2 HP MOTOR)	LOW	1375	1365	1350	1330	1315	1295	1240	1195	1085	975
	MED	1625	1610	1595	1580	1550	1510	1475	1425	1335	1225
	HIGH	2020	1945	1910	1880	1845	1800	1755	1690	1605	1470
DPGB100A5 (12 X 12 WHEEL) (1/2 HP MOTOR)	LOW	1440	1405	1365	1315	1270	1200	1155	1060	985	895
	MED	2010	1985	1955	1910	1840	1770	1695	1630	1535	1395
	HIGH	2530	2470	2425	2355	2270	2195	2100	1995	1880	1760
DPGB125A5 (12 X 12 WHEEL) (1/2 HP MOTOR)	LOW	1440	1405	1365	1315	1270	1200	1155	1060	985	895
	MED	2010	1985	1955	1910	1840	1770	1695	1630	1535	1395
	HIGH	2530	2470	2425	2355	2270	2195	2100	1995	1880	1760

NOTES: 1) Air flow values in cubic feet per minute (CFM), rounded to nearest five (5) CFM
2) Data taken without filters or AC evaporator coil in place

ACCESSORIES

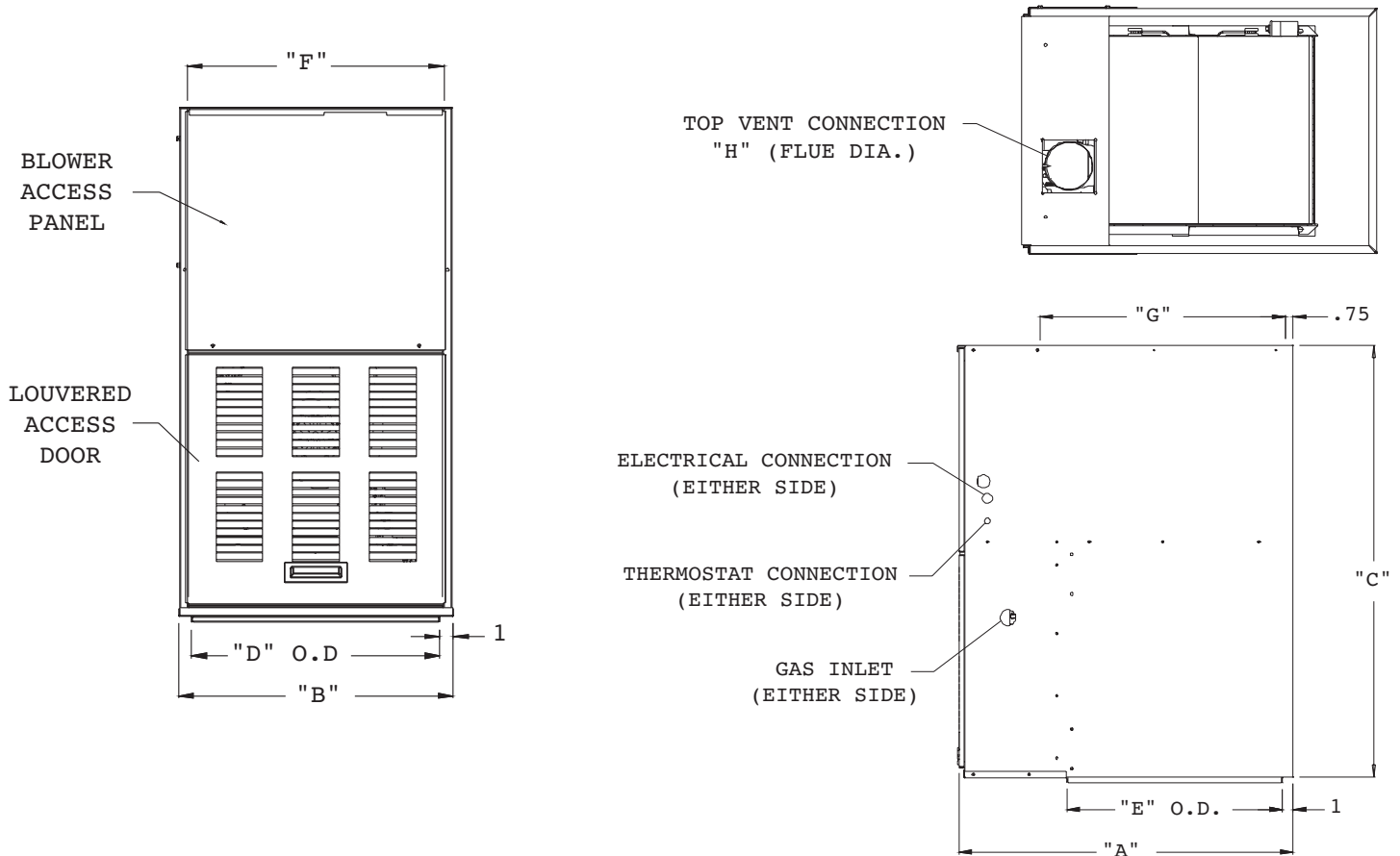
	DPGB050A3	DPGB075A3	DPGB075A4	DPGB100A3
COMBUSTIBLE FLOOR BASE KIT	20066501		20066502	
NATURAL TO LP GAS CONVERSION KIT	20490601			
NATURAL TO LP GAS CONVERSION KIT HIGH ALTITUDE	20269401			
FURNACE TWINNING KIT	20276603			
CHIMNEY VENT ADAPTER KIT	20285401			
	DPGB100A4	DPGB100A5	DPGB125A5	
COMBUSTIBLE FLOOR BASE KIT	20066502	20066503		
NATURAL TO LP GAS CONVERSION KIT	20490601			
NATURAL TO LP GAS CONVERSION KIT HIGH ALTITUDE	20269401			
FURNACE TWINNING KIT	20276603			
CHIMNEY VENT ADAPTER KIT	20285401			

GENERAL LAYOUT

DUCANE MODEL NUMBER	UNIT DIMENSIONS			SUPPLY DUCT OPENING		RETURN DUCT OPENING*		FLUE DIA.
	LENGTH	WIDTH	HEIGHT	D	E	F	G	
	A	B	C	D	E	F	G	H
DPGB050A3	29 1/2	13-1/2	38 1/4	11 1/2	18 15/16	11 5/8	21 3/8	4
DPGB075A3	29 1/2	13-1/2	38 1/4	11 1/2	18 15/16	11 5/8	21 3/8	4
DPGB075A4	29 1/2	17	38 1/4	15	18 15/16	15 1/8	21 3/8	4
DPGB100A3	29 1/2	17	38 1/4	15	18 15/16	15 1/8	21 3/8	4
DPGB100A4	29 1/2	17	38 1/4	15	18 15/16	15 1/8	21 3/8	4
DPGB100A5	29 1/2	20 1/2	38 1/4	18 1/2	18 15/16	18 5/8	21 3/8	4
DPGB125A5	29 1/2	20 1/2	38 1/4	18 1/2	18 15/16	18 5/8	21 3/8	4

* Bottom door removed

NOTE: Dimensions are in inches



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