GREENHECK
Building Value in Air.

Pr

Ma

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 06/30/14

DG-115-H20

CONSTRUCTION FEATURES AND ACCESSORIES

Unit Overview

Model	Airflow (CFM)	Heating	Cooling	Electrical V/C/P
DG-115-H20	6,000	Direct Gas	No Cooling	208/60/3

Features

- Exterior housing constructed of galvanized steel
- Removable access panels
- Painted or galvanized steel blower and bearing supports
- Forward curved steel blower and motor
- Fan assembly is mounted on vibration isolators
- Motor pulleys are adjustable through 15 hp and fixed for 20 hp and greater
- Fan shaft is mounted in permanently lubricated ball bearings (up through size 118) or ball bearing pillow blocks (size 120 and greater)
- Static free belts
- Corrosion resistant fasteners are standard

Options and Accessories

- Air Flow Arrangement: Outdoor Air Only
- Filter Section: Alum., 3-16x20x2, 3-20x20x2
- Damper: Inlet
- Discharge Position: Horizontal
- Coating: Galvanized
- Insulation: Duct Liner - Heat Source On
- Access Side: Right-Hand
- Control Center
- Freeze Protection
- Heat Inlet Air Sensor
- Remote Panel: Kitchen (ships loose)
- Mounting: By Others
- Unit Warranty: 1 Yr (Standard)

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PERFORMANCE AND SPECIFICATIONS

Description/Arrangement

Model	Qty	Unit Weight (lb)	Discharge Position	Air Flow Arrangement	Unit Arrangement
DG-115-H20	1	731	Horizontal	Outdoor Air Only	Horizontal

Design Conditions

Elevation (ft)	Summer DB (F)	Summer WB (F)	Winter DB (F)
0	86	74	-3

Air Performance

Type	Volume (CFM)	External SP (in. wg)	Total SP (in. wg)	RPM	Operating Power (hp)	Motor Size (hp)
Supply	6,000	0.5	1.496	982	4.03	5

Electrical/Motor Specifications

V/C/P	Unit MCA (amps)	Unit MOP (amps)	Enclosure	Supply Motor RPM	Supply Efficiency
208/60/3	22.8	35	ODP	1725	Premium

Heating/Cooling Specifications

Heating Type	Gas Type	Input (MBH)	Output (MBH)	LAT (F)	Temp. Rise (F)
Direct Gas	Natural	514.2	473.0	70.0	73.0

Sound Performance in Accordance with AMCA

Fan	Sound Power by Octave Band								Lwa	dBA	Sones
	62.5	125	250	500	1000	2000	4000	8000			
Supply	96	90	83	83	82	79	76	69	87	76	27

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FAN CURVES

Supply Fan Performance

Volume (CFM)	Supply SP (in wg)	Total SP (in wg)	RPM	Operating Power (hp)	Motor Size (hp)	Fan Quantity
6000	0.5	1.496	982	4.03	5	1

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HEATING PERFORMANCE

Direct Gas Heating

Heating Type	Gas Type	Input (MBH)	Output (MBH)	LAT (F)	Temp. Rise (F)
Direct Gas	Natural	514.2	473.0	70.0	73.0

Direct Gas Unit Details

This unit will come equipped with the following:

- 92% Efficiency
- High quality cast aluminum burners with stainless steel mixing plates
- 25:1 Turndown Ratio
- Maxitrol electronic modulation burner control

Heating Details

Agency Approval	ETL and IRI
Building Gas Pressure	1/2 PSI
Temperature Control	Discharge
Room Override	Yes
Units Rated Gas Pressure	1/2 PSI
Ignition Control	Pilot
Flame Sensing	Flame Rod

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ELEVATION VIEW

* Standard configuration for unit access is on the right-hand side, when looking into the unit intake in the direction of airflow.

PLAN VIEW

* Standard configuration for unit access is on the right-hand side, when looking into the unit intake in the direction of airflow.

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END VIEW

INTAKE VIEW

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* Note: Roof openings can be as large as the curb size - 3.5" or as small as the duct size + 1/2".

FOOTPRINT VIEW

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DGX-115-H22

CONSTRUCTION FEATURES AND ACCESSORIES

Unit Overview

Model	Airflow (CFM)	Heating	Cooling	Electrical V/C/P
DGX-115-H22	6,000	Direct Gas	Split System DX	208/60/3

Features

- Exterior housing constructed of galvanized steel
- Removable access panels
- Painted or galvanized steel blower and bearing supports
- Forward curved steel blower and motor
- Fan assembly is mounted on vibration isolators
- Motor pulleys are adjustable through 15 hp and fixed for 20 hp and greater
- Fan shaft is mounted in permanently lubricated ball bearings (up through size 118) or ball bearing pillow blocks (size 120 and greater)
- Static free belts
- Corrosion resistant fasteners are standard

Options and Accessories

- Air Flow Arrangement: Outdoor Air Only
- Filter Section: Alum., 6-20x20x2
- Damper: Inlet
- Discharge Position: Horizontal
- Coating: Galvanized
- Insulation: Duct Liner - Entire Unit
- Access Side: Right-Hand
- Control Center
- Freeze Protection
- Heat Inlet Air Sensor
- Remote Panel: Kitchen (ships loose)
- Mounting: By Others
- Unit Warranty: 1 Yr (Standard)

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