

Modular Make-Up Air Unit with Integral Packaged DX Cooling for Models DGX, IGX and MSX

- **Kitchen Ventilation Applications**
- **1,000 to 7,500 cfm**
- **3-16 Nominal Cooling Tons**
- **Direct or Indirect Gas, Hot Water, or Electric Heating**
- **Optional Variable Air Volume (VAV)**

Providing unconditioned make-up air through ceiling diffusers or perforated kitchen hood plenums can create an uncomfortable work environment during summer months in commercial kitchens. Although conditioned make-up air can increase comfort levels, the need to cool and dehumidify this air to a 55°F supply air temperature can be detrimental to the food preparation process and can significantly increase equipment first cost. The packaged DX cooling option for the DGX, IGX, and MSX models is designed to cool the kitchen make-up air to a 70-75°F supply air condition to improve space comfort and enhance employee productivity...at an economical first cost.



Condenser fans are efficient, direct-drive, statically and dynamically balanced.

Direct Gas-Fired unit with Integral Packaged DX Cooling



Condenser and Evaporator Coils have copper tubes with permanently expanded aluminum fins. Evaporator coils are mounted on a stainless steel drain pan.

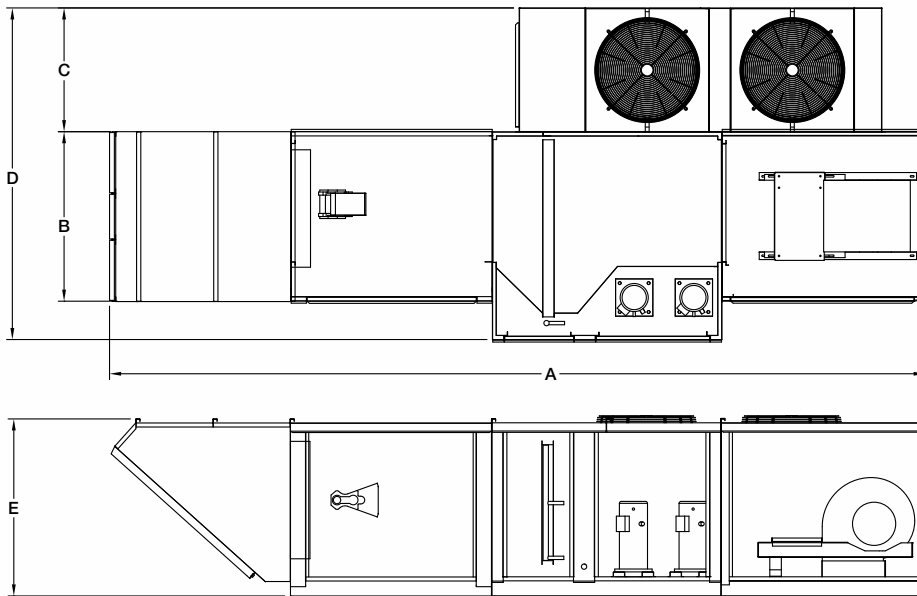
Thermal Expansion Valves provide refrigerant control. Head pressure control provides further control at low-load conditions.

Compressors are quiet-running, hermetic scroll-type. They are mounted in an isolated compartment to be serviceable without affecting airflow, and are mounted on neoprene isolators to minimize vibration transmission and noise.

Features and Benefits

The packaged DX systems available with DGX, IGX and MSX products are designed specifically for providing comfortable supply air conditions for commercial kitchen applications. The pre-engineered package is piped and charged at the factory, providing single-source responsibility and reduced installation costs.

Standard Feature	Benefit
R-410A refrigerant	Environmentally friendly.
High pressure manual reset Low pressure automatic reset	Ensures the refrigeration system will operate in a safe performance range.
Liquid line filter-dryer	Removes water, debris and other contaminants from the refrigerant.
Service / charging valves	Simplified maintenance resulting in lower maintenance costs.
Sight glass / moisture indicator	Provides a view into the system.



Dimensional Data

Housing Size	Nominal Tons	Dimensions (inches)					Approximate Weight (lbs)
		A	B	C	D	E	
DGX-H12	3, 5, 6, 7	156	33.75	25.5	70	39	1400
DGX-H22	7, 9, 10	212	45	32	87	45	2200
DGX-H32	10, 12, 16	237	52	35.5	99	49	2800

The dimensional data shown is for a standard direct gas-fired unit with a filtered intake hood. Additional configurations are available through Greenheck's Computer Aided Product Selection program.

Our Warranty

Greenheck warrants this equipment to be free from defects in material and workmanship for a period of one year from the shipment date. Any units or parts which prove defective during the warranty period will be replaced at our option when returned to our factory, transportation prepaid. Motors are warranted by the motor manufacturer for a period of one year. Should motors furnished by Greenheck prove defective during this period, they should be returned to the nearest authorized motor service station. Greenheck will not be responsible for any removal or installation costs.

As a result of our commitment to continuous improvement, Greenheck reserves the right to change specifications without notice.

Greenheck Fan Corp. • P.O. Box 410 • Schofield, WI 54476-0410 • Phone (715) 359-6171 • www.greenheck.com

00.TAP.NB006 R1 4-2011 RG • Copyright © 2011 Greenheck Fan Corp.



Intertek

The ETL Listed Mark is accepted as a product's mark of compliance to applicable electrical, gas and other safety standards. Intertek is an OSHA recognized NRTL (Nationally Recognized Testing Laboratory) and accredited as a Testing Organization and Certification Body by the Standards Council of Canada.



Prepared to Support Green Building Efforts

