



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
(212) 566-5000, TTY: (212) 566-4769

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

MEA 101-07-E

Manufacturer: GloMar Technologies Inc., 1-150 Britannia Road East, Mississauga, Ontario, CANADA L4Z 2A4

Trade Name(s): CGC Group

Product: CGC Hybrid hydronic heat pump units

Pertinent Code Section(s): 27-770, 27-777

Prescribed Test(s): RS 13-11B (ANSI B9.1), RS 13-11A (UL 1995), RS 14-6 (ANSI Z21.47)

Laboratory: Intertek ETL Semko Division

Test Report(s): 3104814COL-003, dated November 30, 2006.

Description: Heat pump units. The products are the delivery end of a hydronic-based system. In the heating mode, units operate as two-pipe fan coil; while in the cooling mode, they operate as water-source heat pumps. Products are intended for indoor installation and are mounted. The electrical connection is by hand-wired installation on 250 VAC.

Model No.	Arrangement	Cooling MBH	Heating MBH
SKH008xxxxxx	Horizontal Ceiling	8.1	10.5
SKH010xxxxxx	"	10.2	12.6
SKH012xxxxxx	"	12.1	14.9
SKH015xxxxxx	"	15.4	15.6
SKH018xxxxxx	"	18.2	17.3
SKH020xxxxxx	"	20.1	22.9
SKH024xxxxxx	"	25.4	28.5
SKH030xxxxxx	"	29.4	33.6
SKH036xxxxxx	"	35.9	38.2
SKH042xxxxxx	"	41	45.5
SKH048xxxxxx	"	47.2	52
SKH060xxxxxx	"	60.3	65

Model No.	Arrangement	Cooling MBH	Heating MBH
SKV008xxxxxx	Vertical Closet	8.1	9.6
SKV010xxxxxx	”	10.2	10.6
SKV012xxxxxx	”	12.5	12.1
SKV015xxxxxx	”	15.6	15.1
SKV018xxxxxx	”	18.8	17.2
SKV020xxxxxx	”	20.1	22.9
SKV024xxxxxx	”	25.4	28.5
SKV030xxxxxx	”	29.4	33.6
SKV036xxxxxx	”	35.9	38.2
SKV042xxxxxx	”	41	45.5
SKV048xxxxxx	”	47.2	52
SKV060xxxxxx	”	60.3	65
SKV070xxxxxx	”	70.5	81
SKV080xxxxxx	”	83	88
SKV100xxxxxx	”	101	98.1
SKV120xxxxxx	”	121.2	122.6
SKV150xxxxxx	”	160.2	154
SKV180xxxxxx	”	185.5	182.2
SKV240xxxxxx	”	245.9	226
SKV280xxxxxx	”	281.4	282
SKV320xxxxxx	”	320.4	294
SLK008xxxxxx	SlimKeeper	8.1	9.6
SLK010xxxxxx	”	10.2	10.6
SLK012xxxxxx	”	12.5	12.1
SLK015xxxxxx	”	15.6	15.1
SKC008xxxxxx	SideWinder	8.1	9.6
SKC010xxxxxx	”	10.2	10.6
SKC012xxxxxx	”	12.5	12.1
SKC015xxxxxx	”	15.6	15.1
IKV008xxxxxx	Vertical Stacked	8.1	9.6
IKV010xxxxxx	”	10.2	10.6
IKV012xxxxxx	”	12.5	12.1
IKV015xxxxxx	”	15.6	15.1
IKV018xxxxxx	”	18.8	17.2
HKV020xxxxxx	”	20.1	22.9
HKV024xxxxxx	”	25.4	28.5
HKV030xxxxxx	”	29.4	33.6
HKV036xxxxxx	”	35.9	38.2

Model No.	Arrangement	Cooling MBH	Heating MBH
KKU024xxxxx	KlassKeeper	27.1	25.7
KKU030xxxxx	Classroom Air	32.5	37.0
KKU036xxxxx	Conditioner	38.2	41.8
KKU048xxxxx	"	49.4	53.8
KKU060xxxxx	"	61.1	67.6

Notes: 1. xxxxxx: 1st x = Voltage/Phase
2nd x = Refrigerant
3rd x = Arrangement
4th x = Spare
5th x = Revision
6th x = Options

2. Cooling Capacity at 80Fdb, 67Fwb EAT, 85F EWT
Heating Capacity at 70Fdb EAT, 120F EWT (20% Glycol).

Terms and Conditions: The above-described heat pump units are accepted under the following conditions:

1. Units shall be installed indoors only.
2. Units shall use Refrigerant R-22 or R-410A.
3. If utilized for residence heating, the circulatory air system shall have (a) one register or grille without closeable shutters and the duct leading thereto shall be without a damper, or (b) dampers and shutter within the system that shall be constructed or controlled so as to prevent closure beyond 80 percent of the gross duct area at all times.
4. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
5. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.
6. All shipments and deliveries of such equipment shall be provided with a metallic label, suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and accepted for use, as provided in Section 27-131 of the New York City Building Code.

Final Acceptance 9/26/07
Examined By Shyam Prasad