



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 211-94-E (Correction)

Note: This MEA-resolution has been corrected for the following reason:

- 1) **Model A270, floor-mounted infrared portable heater, which uses liquefied petroleum gas (LPG) was removed.**

Manufacturer: Infrared Dynamics, 5830 Prospect Avenue, Yorba Linda, CA 92886, www.Sunglowind.com, Tel. (703-870-9916)

Trade Name(s): SunGlow, SunPak

Product: Gas-fired unvented infrared radiant heaters

Pertinent Code Section(s): 27-800, 27-826, RS 14-2 (ANSI Z223.1)

Test(s): RS 14-6 (ANSI Z83.6)

Laboratory: International Approval Systems

Test Report(s): No. L2075002 dated December 18, 1987

Description: Overhead or free-standing gas-fired unvented infrared radiant heaters, designed for outdoor or open space well-ventilated indoor installation in commercial/industrial application only. Unit is comprised of an assembled tube and reflector, main burner assembly, with direct spark ignition system and controls. Units, with model numbers and input heating ratings, are listed on the following page.

Model No.	Input Rating (BTUH)
<u>SunGlow</u> PSA265 (permanent post-mounted with no base)	50,000
A244 (permanent overhead with U-shaped mounted bracket)	50,000

<u>SunPak</u> S25	25,000
(permanent overhead wall or ceiling-mounted)	
S34	34,000
(permanent overhead wall or ceiling-mounted)	

Note: Units may be suspended overhead (model A244, S25 and S34 only) or floor-mounted (PSA265). Minimum installed clearances for combustible construction shall be as follows:

Models A244 and PSA265: sides – 24 inches; back – 24 inches; ceiling – 18 inches; below – 84 inches.

Models S25 and S34:

Model No.	Mounting Angle	Side (Inches)	Back (Inches)	Ceiling (Inches)	Below (Inches)
S25	Horizontal 30°	24	12	9	48
		24	8	14	48
S34	Horizontal 30°	24	17	13	48
		24	8	18	48

Terms and Conditions: The above infrared radiant heaters are accepted with the following conditions:

1. Heaters are for commercial/industrial type use only where flammable gases or vapors are not generally present.
2. Heaters shall be fired by natural gas with rigid gas piping installation only.
3. Heaters shall be installed outdoors or open space well ventilated indoors.
4. Heaters are suitable for use in aircraft hangars when installed in accordance with NFPA Standard 409; in public garages when installed in accordance with NFPA Standard No. 88B.
5. All installations/connections shall be approved and tested by the Plumbing Division of the New York City Department of Buildings.
6. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.
7. The outdoor heaters shall not be operated in rain, high-wind and dusty conditions.
8. All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and acceptable for use, as provided in Section 27-131 of the New York City Building Code.

NOTE: In accordance with Section 27-131(d), all materials tested and accepted for use shall be subject to periodic retesting as determined by the Commissioner; and any material which upon retesting is found not to comply with Code requirements or the requirements set forth in the approval of the Commissioner shall cease to be acceptable for the use intended. During the period for such retesting, the Commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

Final Acceptance July 25, 2007

Examined By Sium Derkudam