



NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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Report of Materials and Equipment Acceptance Division

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 393-07-E

Manufacturer: Schwank Ltd.
5285 Bradco Blvd.
Mississauga, Ontario L4W 2A6
CANADA

Trade Name(s): primoSchwank, supraSchwank

Product: Gas-fired, infra-red radiant heaters
MEA Index #410-60 – Infra-red Heaters

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

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

Laboratory: Canadian Standards Association

Test Report(s): CSA Certificate of Compliance #T2828004 / 159999
issued November 27, 2006.

Description: Gas-fired, **Schwank** combined-intensity luminous heaters are used for non-residential indoor, overhead heating applications. Units are approved for horizontal and angular-mounting. These heaters can be used in aircraft hangars and commercial garages. Each heater is equipped with a mixing chamber, air shutter adjustment, gas valve, an orifice, venturi, a divider assembly, and an ignition control and flame-monitoring assemblies. All installations follow ANSI Z223.1 for gas-burning appliances and latest edition electrical code, ANSI/NFPA No. 70. Model numbers with input heating ratings are listed on the following page.

Product Covered:

Model No.	Input Rating (Btu/hr)
primoSchwank 10N	37,500
primoSchwank 15N	56,000
primoSchwank 20N	75,000
primoSchwank 30N	113,000
primoSchwank 40N	150,000
supraSchwank 10N	29,500
supraSchwank 15N	44,000
supraSchwank 20N	59,000
supraSchwank 30N	88,500
supraSchwank 40N	118,000

The primoSchwank / supraSchwank combined-intensity heaters must be mounted with minimum clearance to combustibles as shown below:

Model No.	Mounting Angle	Front (Inches)	Rear (Inches)	Sides (Inches)	Top (Inches)	Below (Inches)
primo10N	Horizontal	53	24	24	40	16
	45 Degrees	53	6	40	24	30
primo15N	Horizontal	30	30	48	18	90
	45 Degrees	67	8	48	24	36
primo15N	Horizontal	30	30	48	18	96
	45 Degrees	66	8	48	24	36
primo20N	Horizontal	36	36	48	18	100
	45 Degrees	70	8	48	24	36
primo30N	Horizontal	42	42	48	18	105
	45 Degrees	74	8	48	24	36
primo40N	Horizontal	45	45	48	26	110
	45 Degrees	78	8	48	48	36
supra10N	Horizontal	30	30	48	16	90
	45 Degrees	66	8	48	24	36
supra15N	Horizontal	30	30	48	16	96
	45 Degrees	66	8	48	24	36
supra20N	Horizontal	33	33	48	16	100
	45 Degrees	69	8	48	24	36
supra30N	Horizontal	36	36	48	16	105
	45 Degrees	72	8	48	24	36
supra40N	Horizontal	40	40	48	20	110
	45 Degrees	78	8	48	48	36

Note: For mounting angles between Horizontal and 45 Degrees, the larger clearance in each Column must be adhered to, or the manufacturer's engineered layout must be used.

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

1. Heaters are for commercial/non-residential 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 in well-ventilated, open space with combustion air and required ventilation air provided according to the New York City Building Code.
4. Minimum installed clearances to combustible construction shall be as indicated above.
5. Heaters are suitable for use in aircraft hangars when installed in accordance with NFPA standard No. 409, and in public garages when installed in accordance with NFPA standard No. 88A, and repair garages when installed in accordance with NFPA No. 888.
6. All installations/connections shall be approved and tested by the Plumbing Division of the New York City Department of Buildings.
7. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.
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 accepted 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 April 15, 2008

Examined By Simon Derphodam