



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

## 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 389-07-E

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

**Trade Name(s):** Schwank, InfraSave

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

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

**Prescribed Test(s):** RS 14-6 (ANSI Z83.6, CSA International  
Requirement 5-90 U.S.)

**Laboratory:** CSA International

**Test Report(s):** CSA Certificate of Compliance #1453743 / 159999,  
issued November 27, 2006.

**Description:** The positive pressure gas-fired infrared heater, **Schwank models, series STW-JZ, SPW-JZ and InfraSave models, series IW, IWP** are installed for heating of non-residential well-ventilated, open indoor spaces. These heaters are also approved for light duty hand wash bay areas and harsh environments. Heater installation is in accordance with ANSI Z223.1 for gas burning appliances and electrical standards ANSI/NFPA 70.

The heaters are equipped with ignition modules, flame monitoring, heat exchanger tubes and reflector assemblies, gas valves, air proving and blocking switches and gas orifice assemblies. The low-intensity tube heaters must be mounted with minimum clearance to combustibles as shown in the installation manual. Model numbers with heat input rating are listed on following page.

Model No.	Input Rating (Btu/hr)
STW-JZ, SPW-JZ, IW, IWP-040	40,000
STW-JZ, SPW-JZ, IW, IWP-045	45,000
STW-JZ, SPW-JZ, IW, IWP-060	60,000
STW-JZ, SPW-JZ, IW, IWP-080	80,000
STW-JZ, SPW-JZ, IW, IWP-100	100,000
STW-JZ, SPW-JZ, IW, IWP-110	110,000
STW-JZ, SPW-JZ, IW, IWP-130	130,000
STW-JZ, SPW-JZ, IW, IWP-155	155,000
STW-JZ, SPW-JZ, IW, IWP-175	175,000
STW-JZ, SPW-JZ, IW, IWP-200	200,000

**Note:** Minimum installed clearances from combustible construction shall be in accordance with RS14-15 of the New York City Building Code.

**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 indoor with combustion air and required air provided according to the Building Code.
4. Minimum installed clearances to combustible construction shall be as indicated above.
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. 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 Sian Derk Hudson