

CITY OF NEW YORK
DEPARTMENT OF BUILDINGS

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of Materials and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, A.I.A., Commissioner
MEA 369-03-E

Report of Material and Equipment Acceptance Division

Manufacturer – AAON, Inc., 2425 South Yukon, Tusca, OK 74102.

Trade Name(s) – AAON Inc.

Product – Single package rooftop electric cooling and gas heat.

Pertinent Code Section – 27-770, 27-777, 27-800, RS 14-2 (ANSI Z223.1).

Prescribed Test(s) - RS 13-11 (UL 1995), RS 14-6 (ANSI Z21.47).

Laboratory – Intertek Testing Services.

Test Report(s) – No. 3039659-003, dated October 7, 2003.

Description – Single packed, heating/cooling unit designed for rooftop or outdoor installation. Heating section operates on natural gas, and cooling section employs refrigerant R-22. Heating portion consists of heat exchanger, main burners, automatic gas ignition pilot burner with thermocouple assembly, belt driven blower assembly, combination fan and temperature limiting devices and pertinent safety controls. Cooling section comprises hermetically sealed compressors, air cooled condenser, evaporator coil with blower, expansion valve, pressure limiting device and safety controls. Units, with cooling and heating capacities are listed below:

Model No.	Mfr.'s Specified Nominal Capacity Tons		Mfr.'s Specific Heating Capacity MBH
	Air Cooled	Evaporator Cooled	
RL-045	42-63	45-69	720.0
RL-060			
RL-070			
RL-075	69-88	75-94	960.0
RL-090			
RL-100			
RL-110	93-125	100-135	100-135
RL-125			
RL-135			
RL-134			
RL-155	121-161	128-171	1800.0
RL-170			
RL-190			
RL-210	169-213	180-228	2000.0
RL-230			

Recommendation - That the above described heating/cooling units, be accepted for outdoor installation only, when heating section operates on natural gas, and cooling section employs Refrigerant R-22, under the following conditions:

1. If utilized for residence heating, the circulatory air system shall have (a) one register or grille without closable shutters and the duct leading thereto shall be without a damper or, (b) dampers and shutters within the system shall be constructed or controlled so as to prevent closure beyond 80 percent of the gross duct area at all times.
2. All shipments and deliverers 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 for in Section 27-131 of the Building Code.
3. All equipment shall be furnished with a permanently affixed metal tag stating that if installed in New York City within 100 feet of any dwelling unit window, there shall be provisions with all provisions of Section 27-770, as to maximum sound levels permitted for exterior mechanical equipment.
4. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.

Final Acceptance 12/26/03

Examined by Stephen M. Pross