

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 the Material and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, A.I.A., Commissioner

MEA 212-03-E
Report of Material and Equipment Acceptance Division

Manufacturer – Petra Engineering Industries Company, Medina Street, Aman Jordan 11814.

Trade Name – Petra.

Product – Air/water cooled liquid chillers.

Pertinent Code Section(s) – 27-770.

Prescribed Test(s) – RS 13-6 (ANSI B9.1), RS 13-11 (UL 1995).

Laboratory – ETL Testing Laboratories Inc.

Test Reports – ETL File 3034068 (001, 003), dated October 30, 2002, July 11, 2001 and December 11, 2002.

Description – Air/water cooled liquid chillers, designed for outdoor installation. R-22 is the refrigerant used for the system. Unit comprises screw or semi-hermetic reciprocating compressor, air/water cooled condenser with fan, thermal expansion valve and controls. Units, are provided with pressure limiting device with setting at 410 psi, maximum. Units, with model numbers and cooling capacities are listed below:

Model No.	Mfr.'s Specified Nominal Cooling Capacity Tons
APS-40	40
APS-50	50
APS-55	55
APS-65	65
APS-75	75
APS-80	80
APS-110	110
APS-130	130
APS-160	160
APS-190	190
APS-200	200
APS-255	255
APS-320	320
APS-380	280
APS-435	435
APS-440	440
APS-580	580

APX-40	40
APX-45	45
APX-70	70
APX-95	95
APX-115	115
APX-135	135
APX-175	175
APX-205	205
APX-235	235
APX-290	290
APX-340	340
APX-405	405
APX-470	470
WP(X,S)35	35
WP(X,S)45	45
WPS50	50
WP(X,S)55	55
WPS60	60
WPX65	65
WP(X,S)75	75
WPX90	90
WPS100	100
WP(X,S)110	110
WPX120	120
WPX150	150
WP(X,S)165	165
WPX180	180
WPS200	200
WP(X,S)220	220
WP(X,S)275	275
WPX300	300
WPS330	330
WP(X,S)360	360
WPX425	425
WPS440	440
WPS480	480

Recommendation – That the above described liquid chillers be accepted for outdoor or indoor installation, under the following conditions:

1. All equipment shall be furnished with a permanently affixed metal tag stating if installed in New York City within 100 feet of any dwelling unit window, there shall be compliance with all provisions of Section 27-770, subdivision ,4 as to maximum sound levels permitted for exterior mechanical equipment.
2. All shipments and deliveries of such materials shall be accompanied by a certificate or label certifying that the materials shipped or delivered are equivalent to those tested and acceptable for use, as provided for in Section 27-131 of the Building Code.
3. Approval of all electrical equipment, apparatus, materials and devices shall be obtain from the Bureau of Electrical Control before installation.

Final Acceptance Sep/24/03

Examined by S Derkshudam