

**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, F.A.I.A., Commissioner  
MEA 64-04-E**

**Report of Material and Equipment Acceptance Division**

**Manufacturer – Van Packer Co., Inc., 3202 Mill Street, P.O. Box 307, Buda, IL 61314.**

**Trade Name(s) – Van-Packer.**

**Product – Factory built chimney.**

**Pertinent Code Section(s) - 27-855.**

**Prescribed Test(s) -RS 15-8[A] (ANSI/UL 103).**

**Laboratory – Underwriters Laboratories Inc.**

**Test Report – MH 11435 dated January 28, 2004.**

**Description – This factory made chimney is for commercial-industrial type gas-fired appliances. The Model ES chimney system consists of 1 in. (25 mm) thick formed refractory cement which forms the inner flue. The cementious liner is wrapped with stainless steel or aluminized steel casing to form the outer wrap. These chimneys are not to be enclosed within combustible construction, but unenclosed chimneys may be placed adjacent to walls of combustible construction at the minimum clearances specified on each chimney section. These chimneys are intended for a natural draft condition causing a negative or positive pressure within the chimney.**

**Limitations: Maximum height above top lateral brace/guy 10 feet (3.04m); Maximum space between lateral brace/guy 30 feet (9.14m); Maximum distance between breaching supports 10 feet (3.65m); Maximum unsupported 45° offset 10 feet (3.65m); Maximum height above straight sections, tee sections, and supports are based upon chimney diameter (see charts ⇒).**

Approximate Weight Per Foot					
ID (in)	ID (mm)	OD (in)	OD (mm)	Pounds	Kg
4	101	6	152	11.64	5.2
6	152	8	103	17.28	7.8
8	203	10	254	21.84	9.9
10	254	12	304	26.40	11.9
12	304	14	355	30.96	14
14	355	16	406	35.88	16.2
16	406	18	457	40.80	18.5
18	457	20	508	45.60	20.6
20	508	22	558	50.64	22.9
22	558	24	609	55.56	25.2
24	609	26	660	60.24	27.3

Allowable Height				
ID (in)	OD (in)	HSS (ft)	HSS (m)	SSS (ft)
4	6	243	74	179
6	8	178	54	119
8	10	153	46	92
10	12	136	41	75
12	14	124	37	63
14	16	114	34	53
16	18	106	32	46
18	20	101	30	40
20	22	93	28	35
22	24	87	26	32
24	26	83	25	29

**PRODUCT COVERED:**

Chimney, building heating appliance, Model ES.

**Recommendation - That the above described factory built chimneys, for building heating appliances, be accepted for use where allowed by the Building Code as Listed Factory Built chimneys intended for the venting of liquid or gas fuel exhaust gases, at a temperature not exceeding that recommended by the manufacturer under continuous operating conditions. These chimneys shall not be used with Factory-Building fireplaces unless specifically referenced in the laboratory listing of the fireplace units. The chimney shall be installed in accordance with installation instructions provided by the manufacturer and in accordance with the Building Code for Listed Factory Built chimneys. All interior factory built chimneys shall be enclosed in accordance with the Code. 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 for in Section 27-131 of the Building Code.**

Final Acceptance 3/15/04

Examined by Shyam. J. J. J.