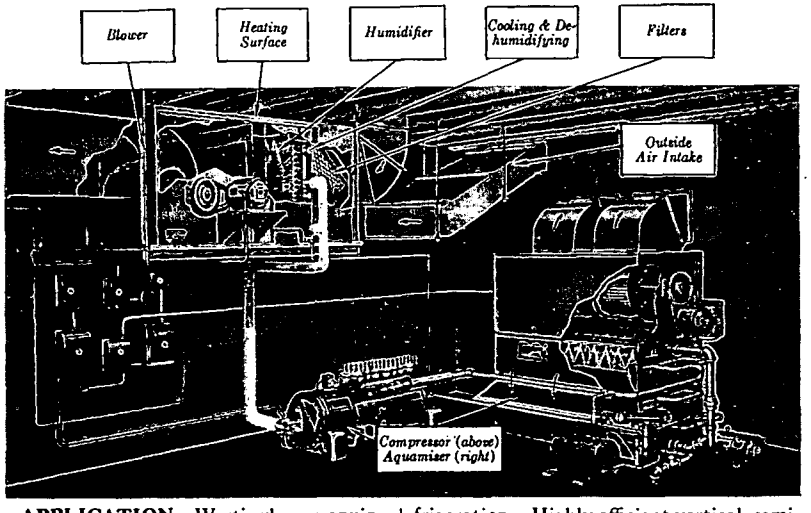
Westinghouse Electric & Manufacturing Co.

653 Page Blvd., **Springfield, Mass.**

Sales, engineering and service available through Authorized Engineering Contractors in all principal cities

UNIFIED Air Conditioning Equipment for Commercial Building Applications



APPLICATION—Westinghouse equipment provides air conditioning for every building application. Every unit is engineered by Westinghouse and applied in carefully engineered installations.

COMPRESSORS AND CONDENSING UNITS—Hermetically-sealed to conserve power and efficiency. Dust, dirt and trouble sealed out. No seal leaks. All operating parts accessible. Lightweight, compact.

WATER CHILLING UNITS—Available in five sizes from 5 to 110 tons of refrigeration. Highly efficient vertical, semi-flooded type, designed for air conditioning with chilled water.

AIR CONDITIONING UNITS—Incorporate blower, heat transfer surfaces, humidifiers and filters. Horizontal and vertical types.

AQUAMISERS (Evaporative Condensers)—Reduce water consumption 90 per cent to 95 per cent. Sizes to match all compressors in which water consumption is a factor.

Hermetically-Sealed Compressors and Condensing Units*

Type	Hp	Capacity Btu per Hour		Dimensions—Inches†			Approx. Net Weight Lb‡
		A.S.R.E. Rating**	Maximum†	Length	Width	Height	
CLD- 45	1	12000	15700	23½	18	16⅛	235
CLD- 90	2½	26900	41000	21	20½	36½	440
CLD- 135	3¾	41000	60800	21	20½	36½	460
CLD- 205	5	69600	94400	32	22	36	572
CLD- 275	7½	90000	124000	32¼	21¾	32¾	590
CLD- 415	10	120000	163000	34½	22¾	35¼	630
CLS - 550	15	181000	255000	64	19½	40½	1720
CLS - 640	20	222000	302000	80¾	19½	40½	2080
CLS - 850	25	294000	393000	80¾	19½	40½	2080
CLS -1320	40	455000	615000	88⅛	30⅛	44¼	3090
CLS -1980	60	653000	896000	88⅛	30⅛	44¼	3090
CLS -2550	75	915000	1155000	93¾	34	61	6000
CLS -3400	100	1240000	1529000	95¼	34	64	6590

*For 60 Cycle Alternating Current.
**Rating at 37 lb suction, 65°F suction gas temperature, condenser water 75°F entering, 95°F leaving.
†Rating at 50°F evaporating temperature, 25°F superheat and 100 lb per square inch condensing pressure.
‡Dimensions and weights are for complete water-cooled condensing units.

(See also Page 932)

Air Conditioning Units

Type	Nominal Capacity Air Delivery Cfm	Dimensions—Inches			Approx. Net Weight Lb
		Length	Width	Height	
AF- 16	480- 1120	58⅜	29	21	300
AF- 27	810- 1890	50	46	19	400
AF- 37	1110- 2590	50	58	21	525
AH- 55	2580- 3870	72⅛	79½	27¼	612
AV- 55	2580- 3870	48⅛	79½	62¼	615
AH- 83	4080- 6120	81⅜	88⅛	33¼	794
AV- 83	4080- 6120	56⅛	88⅛	74¼	826
AH-103	4930- 7394	75¾	102⅛	33¼	915
AV-103	4930- 7394	51	102⅛	74¼	951
AH-124	5800- 8700	82¾	111¾	35¼	1127
AV-124	5800- 8700	58	111¾	78¼	1177
AH-154	7874-11812	93⅝	112⅜	42½	1450
AV-154	7874-11812	68¾	112⅜	92¾	1550

Aquamisers (Evaporative Condensers)

Type	†Capacity Btu per Hour	Dimensions—Inches			Approx. Net Weight Lb
		Length	Width	Height	
EV- 10	99200	68⅛	31¼	62½	719
EV- 13	117800	68⅛	31¼	62½	832
EV- 20	187000	89⅛	38¼	69½	1266
EV- 25	247000	89⅛	38¼	69½	1376
EV- 35	312600	115⅛	42⅛	74½	1863
EV- 40	399600	115⅛	43¼	74½	2065
EV- 60	572700	117⅜	55¼	88½	2931
EV- 80	799200	117⅜	83⅛	104	3902
EV- 90	859000	127	62½	130⅛	4180
EV-120	1145000	128⅜	82½	132⅜	5990
EV-150	1433000	131½	102½	134⅜	6770

†Net refrigerant capacity at 75°F WB entering air and 110°F condensing temperature.

HOW TO SELECT—Fit equipment to meet total Btu load.

WHERE TO BUY—Consult classified telephone directory or nearest Westinghouse district office for name of Authorized Contractor.

SELF CONTAINED SYSTEMS

Mobilaire

Compact, self-contained units for individual room cooling in homes, offices, hotels, apartments. Attractive cabinets of modern design and finish. Details available on request.

Unitaire

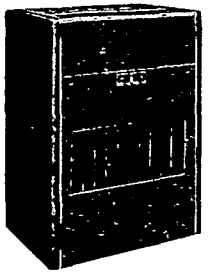
Compact, self-contained units for retail stores, restaurants, and other businesses, also for home use. Available in either "within-the-space" or "central plant" types. Quick economical installation either singly or in combination. Nine sizes.

Unitaire Specifications

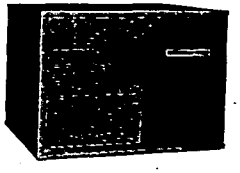
Type	*Hp	Dimensions—Inches			Approx. Net Weight Lb
		Depth	Width	Height	
CU- 45	1	24	38	26	450
SU- 20	2	24	36	45	750
SU- 30	3	24	40	59¾	900
SU- 50	5	23¾	46½	92⅜	1455
LU-275	7½	†34	54	69¾	1970
LU-415	10	†34	68⅛	72	2300
LU-550	15	†34	82½	66½	3350
LU-640	20	*34⅝	100	73¼	4000
LU-850	25	‡34⅝	100	73¼	4200

*Net capacity with normal air flow, entering 80 deg DB, 67 deg WB and condenser water inlet 75 F, outlet 95 F.
†Add 14⅛ in. for overall dimensions with filters.
*Add 21¼ in. for overall dimensions with filters.
‡Add 25⅛ in. for overall dimensions with filters.

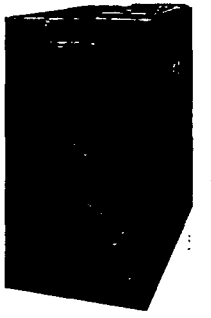
TYPICAL UNITAIRE PACKAGED SYSTEMS



Model SU-30
FLOOR TYPE
(3 hp)
(Also available in 2 and 5 hp sizes)



Model CU-45
CEILING TYPE
(1 hp)



Model LU-275
CENTRAL-PLANT TYPE
(7½ hp)
(Also available in 10, 15, 20, and 25 hp sizes)