

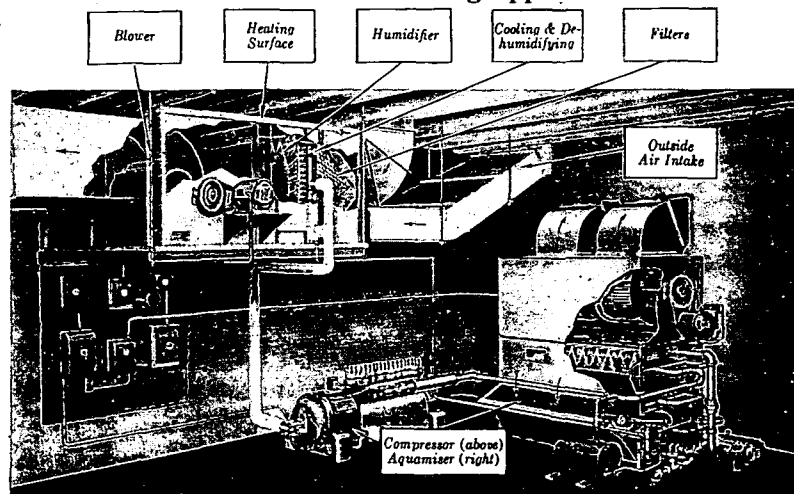
Westinghouse Electric & Manufacturing Co.



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 matched in capacity and performance to operate in a Unified System. Equipment is applied in carefully engineered installations, with responsible maintenance service to assure continuing efficiency.

COMPRESSORS AND CONDENSING UNITS—Hermetically-sealed to conserve power and efficiency. Dust, dirt and

trouble sealed out. No seal leaks. All operating parts accessible. Light weight and compact.

AIR CONDITIONING UNITS—Incorporate blower, heat transfer surfaces, humidifiers and filters. Horizontal and vertical types. Sizes to fit all compressors.

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
		*Nominal Rating	†Maximum	Length	Width	Height	
CLD-45	1	12000	15700	23½	18	16½	235
CLD-90	2½	26900	41000	21	20½	36½	440
CLD-135	3½	41000	60800	21	20½	36½	460
CLS-205	6	70000	94500	41	19½	40½	900
CLS-275	7½	91000	126000	41	19½	40½	900
CLS-415	10	140000	186000	64	19½	40½	1720
CLS-550	15	181000	225000	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	92½	26½	49½	3760
CLS-1980	60	653000	896000	92½	26½	49½	3775
CLS-2550	75	915000	1155000	96	34	64	7300
CLS-3400	100	1212000	1529000	95½	34	70	8100

*Rating at 37 lb suction, 65 F suction gas temperature, 73 F entering water, 95 F leaving water.

†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 855)

Air Conditioning Units					Approx. Net Weight Lb	Aquamisers (Evaporative Condensers)					Approx. Net Weight Lb
Type	Nominal Capacity Air Delivery Cfm	Dimensions—Inches				Type	*Capacity Btu per Hour	Dimensions—Inches			
		Length	Width	Height				Length	Width	Height	
AF-16	480-1120	58½	29	21	300	EW-135	52500	41	28	46½	465
AF-27	810-1890	50	46	19	400	EV-205	99200	68½	31½	62½	719
AF-37	1110-2590	50	58	21	525	EV-275	178000	68½	31½	62½	832
AH-27	1500-2250	55½	66½	22½	350	EV-415	187000	89½	38½	69½	1266
AV-27	1500-2250	38½	51½	45½	360	EV-550	247000	89½	38½	69½	1376
AH-55	2580-3870	72½	79½	27½	612	EV-640	312500	115½	42½	74½	1863
AV-55	2580-3870	48½	79½	62½	615	EV-850	399600	115½	43½	74½	2065
AH-83	4080-6120	81½	88½	33½	794	EV-1320	572700	117½	55½	88½	2931
AV-83	4080-6120	56½	88½	74½	826	EV-1700	799200	117½	83½	104	3902
AH-103	4930-7394	75½	102½	74½	915						
AV-103	4930-7394	51	102½	74½	951						
AH-124	5800-8700	82¾	111½	35½	1127						
AV-124	5800-8700	58	111½	78½	1177						
AH-154	7874-11812	93½	112½	42½	1450						
AV-154	7874-11812	68½	112½	92½	1550						

*Net refrigerant capacity at 75 F WB entering air and 110 F condensing temperature.	
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HOW TO SELECT—Fit equipment to meet the total Btu load.

WHERE TO BUY—Consult classified

telephone directory or nearest Westinghouse district office for name of Authorized Contractor.

SELF CONTAINED SYSTEMS

Mobileaire

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. Seven sizes.

Unitaire Specifications

Type	*Capacity Btu per Hour	Dimensions—Inches			Approx. Net Weight Lb
		Depth	Width	Height	
CU-45	12000	24	38	26	450
SU-90	27580	23½	34½	34½	1050
SU-135	40800	23½	46½	34½	1175
SU-205	64500	23½	46½	42½	1455
LU-415	124400	34	70½	66½	2900
LU-550	158100	34	82½	66½	3200
LU-850	266000	35	99½	73½	4200

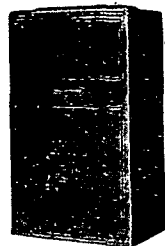
*Net capacity with normal air flow, entering 80 deg DB, 67 deg WB and condenser water inlet 75 F, outlet 95 F. †Add 14½ in. for overall dimensions with filters. ‡Add 25½ in. for overall dimensions with filters.

HOME HEATING AND AIR CONDITIONING

A complete line of attractive, efficient heating and air conditioning equipment

for oil, coal or gas, in a full range of capacities for all residential requirements.

(Below)—RU-90 summer cooling unit for use with winter air conditioning units to form a year-round system.



(Above)—Boiler-burner units for steam or hot water systems, oil or gas-fired.

(Right)—Steel and cast-iron gravity warm air furnaces available in 26 models and sizes.



(Right)—Spiralair conversion oil burner, capacities from 1 to 12 gph.