

MONTGOMERY WARD



Heating and Air Conditioning



Hydronic Heating Systems

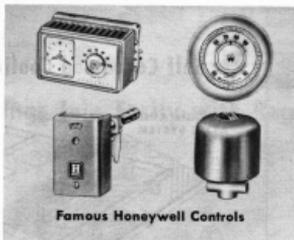


Central Air Conditioners



Automatic Furnaces

1962 CATALOG



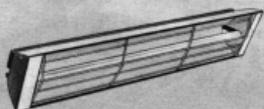
Famous Honeywell Controls



New Wall Heaters

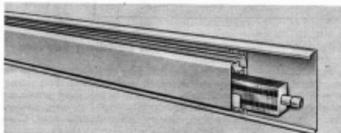


New Incinerator



New Infra-Red Heaters

Look to  **Airway**
FOR THE LATEST IN
MODERN EQUIPMENT



Electric Baseboard Panels

MONTGOMERY WARD

Baltimore 32, Md. • Albany 1, N. Y.

Enjoy The Comfort of Forced Air Heating and

FAMOUS MAKER QUALITY AT WARDS LOW PRICES . . . DO IT



Fairway Forced Air Heating

Comfortable, Even Warmth throughout Your Home—Wards offers a complete selection of top quality furnaces to meet your exact needs. Choose from the many Gas and Oil models on the following two pages. Wards Top Quality furnaces are completely new in design and improved in performance to further assure you of "More Quality for Less."

Honeywell Control System—Famous Minneapolis-Honeywell controls on Fairway furnaces assure exact temperature regulation in every room or area in your house. For a complete selection of Honeywell thermostats, for new or replacement use, see Page 23.

Uniform Humidity—Finest Fairway automatic humidifiers end dryness, give fresh, beautiful air.

Clean, Filtered Air—Large filters trap dust, dirt and pollen . . . keep air clean and healthy.

Draft-free Circulated Air—Overized blower automatically moves warm air without drafts.

Simplified Installation . . . **Do It Yourself and Save**. Clear, detailed instructions included with each furnace . . . make installation easy . . . you save on costly installation services. Wards offers an extensive selection of pipe and fittings to let you install a complete heating system. Should you need any help or advice, use Wards Customer Engineering Service—see Back Cover.

AGA Approved Gas Furnaces . . . UL Approved Oil Furnaces—Fairway furnaces meet or exceed the highest standards of the heating industry for outstanding performance, trouble-free service and easy care. Wards guarantee your complete satisfaction or your money back.

Fairway Air Conditioning Gives You . . .

Sea-Breeze Coolness All Summer—Enjoy the luxury and comfort of an air cooled house. Wards offers a cooling unit for any type home . . . any type installation. Choose Remote or Self-Contained units on Pages 7 and 8 or the all-new "ready-to-install" Air Conditioning System on Page 9. You'll find the finest quality in Fairway air conditioning equipment and accessories.

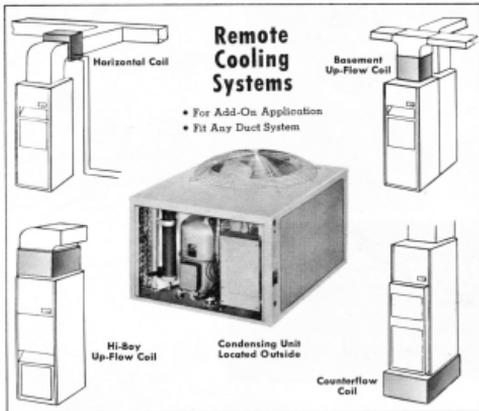
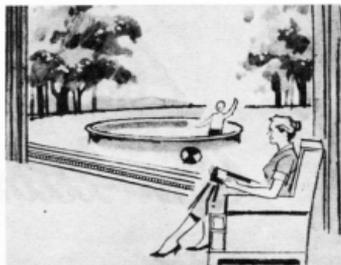
Relaxed Living Day and Night—Plan now to avoid summer's hot, muggy weather. You'll work better . . . sleep better . . . enjoy life more in an air conditioned house.

Controlled Coolness—Minneapolis-Honeywell controls let you select the exact amount of cool air you want . . . never any unpleasant cold drafts . . . controlled comfort always.

Full Capacity . . . Extra-Heavy-Duty Compressor—Powered by refrigerant-cooled heavy-duty motor—Guaranteed 5 Years. All units tested and rated as specified by A.R.I. (American Refrigeration Institute) . . . and Wards Laboratories for unexcelled performance . . . operation . . . easy care—your assurance of finest quality and efficient, trouble-free service.

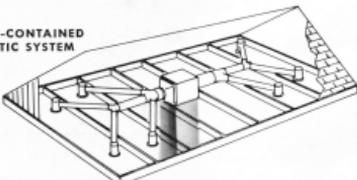
Rugged, Weatherproof Construction—Cabinets of heavy bonderized steel prevent rusting . . . finished with corrosion-resistant epoxy primer and top coated with long lasting baked enamel.

Simplified Installation—Save time and labor . . . do it yourself. The new "ready-to-install" Fairway Air Conditioning System on Page 9 presents the easiest . . . most convenient method of air conditioning installation—just set in place . . . connect with quick-connectors and your system is ready to use. All Fairway units come with clear, easy-to-follow instructions.

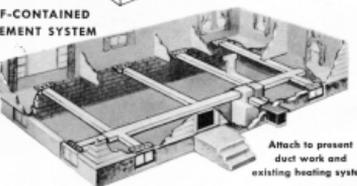


Self Contained Cooling Systems

SELF-CONTAINED ATTIC SYSTEM



SELF-CONTAINED BASEMENT SYSTEM



Free Estimating Service

Send for Wards Heating and Air Conditioning Estimate Blank—obtain complete information for any type heating system or air conditioning unit free. For information and handy coupon, see Back Cover.

Free Tool Lending Service

Wards will lend you at No Charge the tools needed to install your system. You make a small deposit which is returned when tools are returned in 60 days. Pay only one-way shipping charges. See details Back Cover.

Easy Terms . . . No Money Down

Improve your home now . . . pay later . . . with Wards special Home Improvement terms. No down payment required and you have up to 36 Months to pay balance. See Back Cover for complete information.

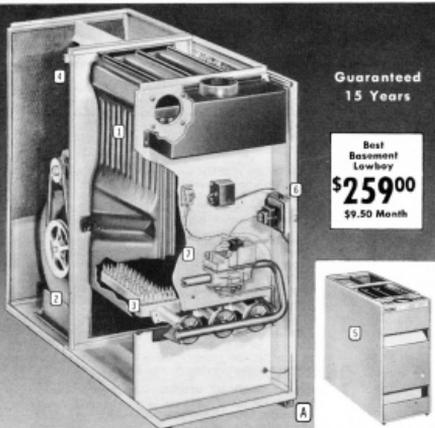
2 WARDS CIRCULO

Satisfaction Guaranteed or Your Money Back

Fairway AUTOMATIC Forced Air Furnaces

Best Gas Furnaces . . . 7 Ways Better

1. Coated Heat Exchanger—Porcelain fused to steel inside and out for extra protection—eliminates burnouts, protects against corrosive flue gases and rust from condensation during summer months.
2. Cushion-Mounted Blower—"Live" rubber isolates blower and motor assembly from chassis . . . Capacity for heating and cooling.
3. Cast-Iron Burners—Noiseless operation; eliminates warping.
4. Extra-large Capacity Filters for effective cleaning of circulated air . . . aid in removing dirt, dust, lint and pollen from the air.
5. Beautifully Styled Cabinet—Bonderized steel. Baked enamel finish.
6. Summer Fan Switch—A flick of this switch gives constant blower operation . . . no need to disturb winter control settings.
7. Complete Minneapolis-Honeywell Control System—Matched and synchronized. For thermostat set "Honeywell Thermostats" below.



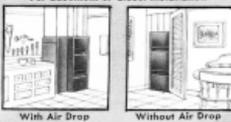
Guaranteed
15 Years

Best
Basement
Lowboy
\$259⁰⁰
\$9.50 Month



Best
Compact
Highboy
\$198⁰⁰
\$7.50
Mo.

For Basement or Closet Installation



With Air Drop

Without Air Drop

15-YEAR GUARANTEE on Furnaces (A), (B), (F), (G). We will repair or replace without charge, within one year of purchase, any furnace part defective in material or workmanship. We further guarantee heat exchanger where indicated, as follows: If heat exchanger burns or rusts out during following 14 years, we will replace it at 1/15th price of replacement exchanger for each full year furnace has been in your possession.

A Basement Lowboy ideal space-saver replacement unit. Auto. limit control protects against overheating. Adapts to air conditioning. Adjustable "V" belt drive multi-vane blower. AGA Appr. 2 small units use 5-in. vent others 6 in.

Catalog Number		BTU per Hr.	Blower	Casing Size Inches			Openings In.			Ship. wt.	Cash Price	
Nat. Gas	LPG	Input	HP	CFM	H	W	D	L	W	R	U	
81 HC 6340R	81 HC 6341F	100000	1/4	950	42 3/4	20 1/4	48 1/4	18 3/4	18 3/4	18 3/4	250	\$259.00
81 HC 6342R	81 HC 6343F	120000	1/4	1150	42 3/4	20 1/4	48 1/4	18 3/4	18 3/4	18 3/4	280	275.00
81 HC 6344F	81 HC 6345F	150000	1/2	1350	42 3/4	25 1/4	48 1/4	23 1/4	23 1/4	23 1/4	350	295.00
81 HC 6346F	81 HC 6347F	175000	3/4	1400	42 3/4	25 1/4	48 1/4	23 1/4	23 1/4	23 1/4	360	319.00

B Compact Highboy. Ideal for recreation or utility rooms. Fits into closet space. AGA Appr. Auto. limit control. Top-front venting. Adapts to air conditioning—adjustable air speed, "V" belt drive, multi-vaned blower. Use 6-in. vent pipe.

Catalog Number		BTU per Hr.	Blower	Casing Size Inches			Warm Air Opening			Ship. wt.	Cash Price	
Nat. Gas	LPG	Input	HP	CFM	H	W	D	L	W	R	U	
81 HC 6356R	81 HC 6357F	80000	1/8	800	55	20 1/4	27 1/4	20 1/4	18 3/4	20 1/4	205	\$198.00
81 HC 6358R	81 HC 6359F	100000	1/8	950	55	20 1/4	27 1/4	20 1/4	18 3/4	20 1/4	250	219.00
81 HC 6360R	81 HC 6361F	120000	1/8	1150	55	23 1/4	27 1/4	20 1/4	18 3/4	20 1/4	280	245.00
81 HC 6362R	81 HC 6363F	150000	1/4	1300	55	25 1/4	27 1/4	20 1/4	18 3/4	23 1/4	300	269.00
81 HC 6364F	81 HC 6365F	175000	1/2	1400	55	25 1/4	27 1/4	20 1/4	18 3/4	23 1/4	340	289.00

C Return Air Drop. For (B) for return air opening at top instead of bottom. Ideal for basement installations. Matches furnace. Save money—costs less than building it. Built-in access door, handle, filter rack. Install at rear or sides.

Catalog Number	Fits Furnaces	Size Inches			Return Air Top Opening			Ship. wt. lbs.	Cash Price
		H	W	D	L	W	D		
81 HC 6184R	6356-6357-6358-6359	55	20 1/4	14	18 3/4	13 1/4	40	\$20.00	
81 HC 6186R	6360-6361-6362-6363-6364-6365	55	23 1/4	14	23 1/4	13 1/4	46	\$26.00	
81 HC 6182R	6350-6351-6354-6355	55	14 1/4	14	12 3/4	13 1/4	37	15.00	

Honeywell Thermostats—the finest in thermostatic controls. So that you can select the exact thermostat to fit your individual needs, we do not include a thermostat with furnace. Order Standard Room; Day-Night; Indoor-Outdoor or Automatic Electric Clock Thermostat from Page 23.

Value Leader Gas Furnaces . . . with Many Features of Our Best

- Low and Highboy Models
- Steel Heat Exchangers

D Lowboy . . . Ideal for Basement Installations. Designed for top-front venting. Can be installed where overhead clearance is limited. Sizes meet most residential needs. "Flame-shaped" combustion chamber for maximum heat extraction and economy of operation. Blue and gray baked-on enamel finish. Adaptable to air conditioning.

E Highboy . . . Extremely Compact and Versatile. May be installed in closets, utility rooms, or basements to conserve space. Sizes meet most domestic home needs. Dark gray baked-on enamel finish. "Flame-shaped" combustion chamber gives max. heat extraction.

Catalog Number		BTU per Hr.	Blower	Vent Pipe In.	Casing Inches			Openings In.			Ship. wt. lbs.	Cash Price
Nat. Gas	LPG	Input	HP	CFM	H	W	D	L	W	R	U	
81 HC 6336R	81 HC 6337F	100,000	1/8	950	5	14 1/4	28 1/4	20 1/4	18 3/4	18 3/4	280	\$169.00
81 HC 6338R	81 HC 6339F	125,000	1/4	1150	5	14 1/4	28 1/4	20 1/4	18 3/4	18 3/4	300	209.00

F Highboy . . . Extremely Compact and Versatile. May be installed in closets, utility rooms, or basements to conserve space. Sizes meet most domestic home needs. Dark gray baked-on enamel finish. "Flame-shaped" combustion chamber gives max. heat extraction.

Catalog Number		BTU per Hr.	Blower	Vent Pipe In.	Casing Inches			Openings In.			Ship. wt. lbs.	Cash Price
Nat. Gas	LPG	Input	HP	CFM	H	W	D	L	W	R	U	
81 HC 6350R	81 HC 6351F	80,000	1/8	700	4	55	14 1/4	28 1/4	20 1/4	12 3/4	195	\$129.00
81 HC 6354R	81 HC 6355F	100,000	1/8	865	5	55	14 1/4	28 1/4	20 1/4	12 3/4	250	154.00

"R" after Cat. No. means Shipped promptly from Mail Order House Stock. "F" from Chicago Factory; allow 10 days.



Highboy
Low as
\$129⁰⁰
\$3 Month

Lowboy
Low as
\$169⁰⁰
\$6.50 Month

COMPARE QUALITY, DESIGN, PRICE...WHY PAY MORE?

Best Oil Furnaces Guaranteed 15 Years

- Honeywell Control System—Matched and synchronized... for thermostat see Page 23
- Oil Burner—High-pressure type for ease of maintenance and efficient operation
- Combustion Chamber—Highest heat-resistant chromium alloy and stainless steel
- Heavy-Duty Blower Motor—Overload protection... Extra-quiet—mounted in rubber
- Wrap-Around Radiator—Extracts more heat from flue gases for lowest fuel bills
- Insulated Cabinet—Aluminum foil-faced corrugated asbestos outer installation near combustible materials... Two-tone blue and gray baked-on enamel finish
- Air Conditioning Capacity—Multivaned blower; "V"-ball drive. Adjust. air speed
- Air-Tight Steel Base seals out unfiltered basement air from distribution system

F Basement Lowboy with Steel Heat Exchanger. Compact... especially designed for installations with low overhead clearance requiring large heating capacity. Automatic Honeywell controls fully enclosed. Beautifully styled. Two larger sizes shipped from New Castle, Del. Factory; allow 10 days. Others promptly from Stock.

Cat. No.	BTU H.C.	Nozzle Size In.	Blower HP CFM	Flue Pipe Size In.	Casing Size Inches			Openings In.			Ship. wt. lbs.	Cash Price	
					H	W	D	Warm	Return	W			
81HC1676R	305,000	.75	1 1/4	960	6	42	22 1/4	49	20	20	14 1/2	355	\$327.00
81HC1678R	345,000	1.00	1 1/4	1100	6	42	25 1/4	57 1/2	23	23	20	383	347.00
81HC1679R	362,000	1.25	1 1/4	1300	6	42	25 1/4	57 1/2	23	23	20	383	427.00
81HC1680F	200,000	1.50	1 1/4	1500	7	52	32 1/2	67	21	21	18 1/2	630	478.00

G Up-Flow or Highboy with Steel Heat Exchanger. Extremely compact. Ideal for utility room, closet or alcove installations. Automatic Honeywell controls fully enclosed—gives pleasing appearance. Shipped promptly from Stock.

Cat. No.	BTU H.C.	Nozzle Size In.	Blower HP CFM	Flue Pipe Size In.	Casing Size Inches			Openings In.			Ship. wt. lbs.	Cash Price	
					H	W	D	Warm	Return	W			
81HC1686R	105,000	.75	5/8	960	6	22	22 1/4	32	20	20	18	330	\$319.00
81HC1688R	140,000	1.00	5/8	1100	6	22	25 1/4	35	23	23	18	390	319.00



Lowboy
as
\$3700
\$11.50 Month

Highboy
Low as
\$3190
\$11.50 Month

INSTALL IT YOURSELF... OR LET WARDS DO IT
No special experience is needed to install Wards heating equipment. Clear, step-by-step instructions make installation easy. And if you need tools, Wards will lend them to you (see back cover). If you prefer to have it done, we can arrange for expert installation... visit your nearest Ward store for this service.

Value Leader Oil Furnaces... Guaranteed 10 Years

- Functional styling and reasonable price for the economy-minded buyer
- Beautiful Dark Gray Finish—Blends easily in room color scheme
- Shipped completely wired and assembled including oil burner and controls
- Direct Drive Blower—Air conditioning capacity for 2 1/2-HP Unit
- Gas-type Hi-pressure Oil Burner... 14-gauge Wrap-around heat exchanger
- Honeywell Controls—Matched and synchronized... for thermostat see Page 23

Lowboy and Highboy Models... Steel Heat Exchangers

H Compact, Attractive Lowboy Furnace. Suited to installations with low overhead clearance. Sturdy steel casing. Completely automatic Honeywell controls. Removable front panel, cleanout covers, hinged service door for easy cleaning, adjustment. Large round radiator provides extra heating surface, long flue travel. Input 105,000; Output 84,000; Nozzle size .75; Blower motor HP 1/2; Blower Diameter 9 in.; CFM 960; Overall inches: H 42, W 22 1/4, D 39 1/2; Air openings in: Warm 20x20, Return 20x14 1/2. Flue pipe size 6 in. From Stock.
81 HC 6175 R—Shipping weight 335 lbs. See Guarantee opposite page.....Cash \$247.00

J Extremely Compact Highboy Furnace. Ideal for utility room, closet or alcove. Automatic controls and operation. Removable front panel, cleanout covers, hinged service door for easy cleaning and adjustment. Large round radiator provides extra heating surface, long flue travel. Insulated cabinet—heavy corrugated asbestos insulation with aluminum foil facing prevents heat loss. Direct drive blower motor. BTU per hour: Input 105,000; Output 84,000; Nozzle size .75; Blower motor HP 1/2; Blower Diameter 9 in.; CFM 960; Overall inches: H 62, W 22 1/4, D 31 1/2; Air Openings in: Warm 20x20; Return 18x18; Flue pipe size 6 in. From Stock.
81 HC 6185 R—Shipping weight 325 lbs. See Guarantee opposite page.....Cash \$299.00



Lowboy
\$24700
\$9 Month

Highboy
\$29900
\$10.50 Month



Airway Steel Coal-Fired Gravity Furnaces... Guaranteed 15 Years

(K) One-piece Fire Chamber. Heavy body with full-length integral gouches extra-heavy head. Firebrick fire pot 1/2 in. thick—duplex prongs permit free circulation of air. Cast-iron connecting collar design prevents leakage of gas and cold smoke into the warm-air chamber. Complete with hand regulator dial; chain; pulley; cement poker; check draft cast-iron water pan; instructions. Hand-fired furnaces can be easily converted to automatic firing, forced air circulation or both. Order thermostat separately—see Page 23. Shipped promptly from Stock.

(K) Pipe-type. Casing height 66 in. Order pipe and register system Pages 10, 11.

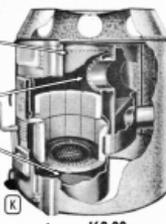
Catalog Number	Body Diam.	Casing Diam.	Room Capacity	Pipe Area Gravity System	Smoke Pipe	Ship. wt.	Cash Price
81 HC 5511R	20 in.	41 in.	Up to 6	458 sq. in.	8 in.	669 lbs.	\$163.00
81 HC 5512R	22 in.	45 in.	Up to 7	557 sq. in.	9 in.	765 lbs.	183.00
81 HC 5513R	24 in.	45 in.	6 to 8	647 sq. in.	9 in.	815 lbs.	198.00
81 HC 5514R	27 in.	50 in.	7 to 9	790 sq. in.	9 in.	1007 lbs.	258.00

(L) Catalog-type. Bonnet extension for single register in first floor only. Register included.

Catalog Number	Body Diam.	Floor Register	Casing Diam.	Room Capacity	Register Rating	Smoke Pipe	Ship. wt.	Cash Price
81 HC 5516R	20 in.	30x30 in.	45 in.	Up to 6	62,800 BTU.	8 in.	818 lbs.	\$225.00
81 HC 5517R	22 in.	34x34 in.	48 in.	6 to 7	75,700 BTU.	9 in.	914 lbs.	245.00
81 HC 5518R	24 in.	34x34 in.	51 in.	6 to 8	88,000 BTU.	9 in.	994 lbs.	275.00

Check Outstanding Features

- **Rivet-Weld Construction—Heavy 26-gauge boilerplate steel sheets riveted and electrically welded**
- **Cast-iron Collar joins furnace body and radiator securely**
- **Extra large ash pit more convenient—requires less frequent removal**



(K), (L) GUARANTEED 15 YEARS. If any metal part (except gouches) burns out due to defect in materials, workmanship, Wards furnish new part charging proportionate amt. of current selling price based on unexpired portion of Guarantee.

Low as **163.00**
CBA2 WARDS S

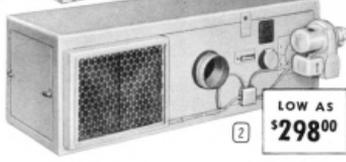
Fairway Horizontal Forced Air Furnaces

SPACE-SAVING COMPACT DESIGN... GUARANTEED 10 YEARS



Gas Furnaces

- Heavy 16-gauge steel heat exchanger and combustion chamber electro-welded into one piece
- Efficient, quiet, cast-iron slotted port gas burner
- Appr. by American Gas Assn.
- Approved for installation on combustible floors—furnace needs no sub-base



Oil Furnaces

- High-pressure gas-type burner gives maximum efficiency
- "Wrap-around" radiator provides large heat transfer surface for greater economy
- Finest quality unbreakable combustion chamber
- UL Approved for installation with 1-in. clearance on sides and rear from combustible material

1 Ideal for Small Area Installation. Double width, double inlet centrifugal blower, 110-120 V, 60-cyc. AC. Humidifiers not included—see below right. Oil furnace not recommended for attic installation, 80,000 BTU, 100,000 BTU, 105,000 BTU models have permanent split capacitor direct-drive motor—no changes necessary for air conditioning; others have split-phase bell-drive blower. See complete details of 10-year Guarantee on Page 4.

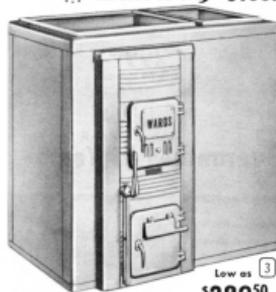
(1) Gas Furnaces. Only 23% in. high. End openings for return and warm air. Includes automatic fan and limit control; room thermostat; 100% automatic safety pilot; gas control valve; hand shut-off cock; draft diverter. Gas pipe connection 1/2 in. Vent pipe size: 80,000 and 100,000 BTU—3 in.; 135,000 BTU—6 in.—see Page 19. Dual-Fuel models not available. Promptly from Baltimore Stock.

FOR LPG ONLY	NATURAL GAS	BTU per hour	Blower HP	Costing Size, in.	Air W	Blower Open. in.	Ship. Wt. Lbs.	Per Month	Cash Price				
Cat. No.	Mixed Cat. No.	Input	Output	L	H	CFM	CFM						
81HC4848RT	81HC476RT	80,000	64,000	3/4	46 1/2	16 1/2	20	15	9	790	244	8.50	\$207.50
81HC4848RT	81HC478RT	100,000	80,000	3/4	46 1/2	16 1/2	20	15	9	790	244	8.50	\$234.50
81HC4848RT	81HC479RT	135,000	108,000	20	52 1/2	21 1/2	20	19 1/2	13 1/2	312	10.00	277.50	

(2) Oil Furnaces. Overload protection. Includes fan and limit control; room thermostat; automatic barometric draft regulator; safety stack switch. Pipe sizes: 105,000 BTU—6 in.; others 8 in. Assembled and wired at factory; oil burner shipped in separate package. "RT" means from Baltimore Stock.

Catalog Number	BTU per hour Input	Non-size Output	Blower HP	Cabinet Size, in. L	Air Return, in. H	Openings, in. W	Return, in. H	Ship. Wt. Lbs.	Per Month	Cash Price			
81HC168RT	105,000	80,000	.75	34	58 1/2	21 1/2	27	25	23	1096	320	11.50	\$298.00
81HC168RT	140,000	110,000	1.00	34	58 1/2	26 1/2	27	25	23	1096	372	12.50	\$348.00
81HC168RT	161,000	125,000	1.15	34	58 1/2	26 1/2	27	25	23	1096	380	16.50	\$399.00

Fairway Steel Forced Air Coal Furnaces



3 Guaranteed 15 Years—see below. Automatic temperature controls. Baked enamel steel cabinet. Cast-iron doors and front. 1-piece welded and riveted steel fire chamber. Roller bearing cast-iron gears. Blower and motor are rubber mounted. Has adjustable blower speed and belt tension. Can be converted to stoker, gas or oil. Order humidifier at right.

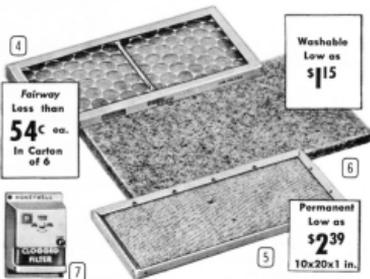
Complete with thermostat fan control; automatic check damper and limit control; cement poker; barometric draft control; instructions. For 110-120 volt, 60-cycle AC. Automatic overload protection. Casting is 56 in high—except largest size which is 58 in high. Smoke pipe size is 9 in.—except smallest size which is 8 in.—see Page 19. Shipped un assembled.

GUARANTEE. Furnace is Guaranteed 15 Years. If any metal part (except grate) burns out due to defect in materials or workmanship, Wards will furnish a new part charging proportionate amount of current selling price based on unexpired portion of guarantee period.

Catalog Number	Body Dim. in.	Case, in.	Room Capacity	Built-in Blower H P	Filters CPM	Size, in.	Openings, in. Warm	Return, in.	BTU Output at Furnace	Ship. Wt. Lbs.	Per Month	Cash Price	
81HC6011R	20	53x38	7 to 6	3/4	1300	2	16x25	20x32	17x32	93	200	908	\$115.00
81HC6012R	22	55x47	6 to 7	3/4	1300	2	20x32	20x32	17x32	100	13.00	\$299.50	
81HC6013R	24	61x57	7 to 8	1 1/4	1800	4	20x32	33x37	20x34	131	40.00	\$389.50	
81HC6014R	27	68x68	8 to 10	1 3/4	2000	4	20x32	40x42	20x42	160	40.00	\$499.50	

6 WARDS DA

See Back Cover for information on Wards Easy Home Improvement Terms and Tool Loan Service. Find out how you can shop from the comfort of your home by just calling your nearest Wards Catalog Store.



Furnace Filters Give Healthier Air

4 Fairway Replacement Air Filters—Buy Six and Save More. Span Fiberglass filters out dust and lint. Trap dirt all through filter—not just on the surface. For forced warm air heating and air conditioning systems. Greater density of filtering media means greater dirt-catching power. Available.

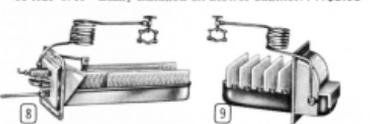
Catalog Number	Size in.	Carton of 3		Carton of 6	
		Ship. wt. Lbs.	Price	Ship. wt. Lbs.	Price
81 HC 8482 M	10x20x1	3 lbs.	\$1.79	5 lbs.	\$3.19
81 HC 8483 M	14x20x1	3 lbs.	1.99	6 lbs.	3.59
81 HC 8484 M	18x25x1	4 lbs.	1.99	7 1/2 lbs.	3.59
81 HC 8489 M	15x20x1	3 1/4 lbs.	1.99	7 1/2 lbs.	3.59
81 HC 8490 M	16x20x1	3 1/4 lbs.	1.99	8 lbs.	3.59
81 HC 8491 M	15x25x1	4 1/4 lbs.	1.99	6 1/2 lbs.	3.59
81 HC 8492 M	20x20x1	4 1/4 lbs.	1.99	6 1/2 lbs.	3.59
81 HC 8493 M	20x25x1	5 lbs.	2.19	8 lbs.	3.89
81 HC 8494 M	25x25x1	5 1/2 lbs.	2.49	10 1/2 lbs.	4.59
81 HC 8485 M	16x20x2	4 1/4 lbs.	3.09	6 1/2 lbs.	5.29
81 HC 8486 M	16x25x2	5 1/2 lbs.	3.09	7 1/2 lbs.	5.59
81 HC 8487 M	20x20x2	5 1/2 lbs.	3.09	8 1/2 lbs.	5.59
81 HC 8488 M	25x25x2	6 1/2 lbs.	3.59	10 1/2 lbs.	5.59

5 Permanent Aluminum Filters. Save on replacement—use same filter for years. Completely washable... or vacuum clean. Double layers of knitted aluminum mesh. Scotch-form in strong enameled steel frame—allows full air passage.

Catalog No.	Size	Ship. wt. Lbs.	Each
81 HC 8454	10x20x1 in.	2 lbs.	\$2.39
81 HC 8455	15x20x1 in.	2 lbs.	2.59
81 HC 8456	16x20x1 in.	2 lbs. 2 oz.	2.69
81 HC 8457 M	16x25x1 in.	2 lbs. 12 oz.	2.89
81 HC 8458 M	20x20x1 in.	2 lbs. 10 oz.	2.89
81 HC 8459 M	20x25x1 in.	3 lbs. 2 oz.	3.39

6 Washable Filters. Each filter coated with Neoprene rubber. No oil necessary. Clean by shaking or wash with hot water. Easily cut to size. Ship. wt. 1 lb. 81HC8516-16x25x1 in. \$1.15 81HC8517-20x25x1 in. \$1.60

7 Furnace Filter Flag. Indicates when filters need cleaning or replacing. For any forced warm air furnace. Postpaid. 81 HC 8719—Easily installed on blower cabinet... \$3.95



Furnace Humidifiers and Plates

8 Wards Finest Temperature-Controlled Humidifier. No float needed—water valve opens, closes automatically. Thermostat valve keeps constant level of water in stainless steel pan. Fits any bonnet 17 in. or larger. 4 fiber glass plates; overflow 5-ft. copper tubing; saddle valve; instructions. 81 HC 8497—Shipping weight 5 lbs. 8 oz.... Complete \$9.95

9 Replacement Plates for Wards Humidifier (8). Fiber glass. 81 HC 8498—3 1/2x8 in. Ship. wt. 1 lb.... Package of 4 \$1.75

10 Wet Wing Froze-5 Float-Type Humidifier. Compact—fits all warm air furnaces. Large plate area. Holds up to 15 plates. Easily removed. Includes 5 evaporator plates; 5-ft. copper tubing; saddle valve; instructions. 81 HC 8425—Shipping weight 6 lbs. 8 oz.... \$7.95

11 Replacement Plates for Wet Wing Humidifier (9). 81 HC 8426—Package of 10. Matted Postpaid... \$2.89

Skullie Universal "Vapogloss" Humidifier Plates. 100% pure glass. Fit Auto-Flo 100, 150; General 200; Viking 2300, 5600; Wet Wing 5-ft. Dust 5; Model "O" Mist; Prairie 5; Char-Gloss 512; Sears 9379, 9374; All Skullie except 450.

81HC8429—Can be trimmed. Postpaid. Package of 10 \$3.59 Shipping Notice: "R" after Cat. No. means Not Available. Shipped by Freight, Truck or Express. "M" is Mailable.

Two-Piece Remote Air Conditioners

MAXIMUM CAPACITY . . . MORE FLEXIBILITY . . . QUIETER OPERATION

Finest Fairway Air Cooled Central Air Conditioners. Made by a leading manufacturer of air conditioning equipment. All carry ARI* rating. Can be used in your present warm air furnace duct work, or separate runs may be installed. There's a Ward system to suit your needs. Wards Customer Engineering Department will help you—see Back Cover for details.

Quieter, More Economical Operation with remote-type air conditioners since condenser is located outside main building. Copper tubing used to connect condenser (outside) to cooling coil in duct work of furnace. Copper tubing, fittings listed on Page 22.

Expansion Valve in Fairway Air Conditioners Serves as Metering Device—insures equal distribution of refrigerant to cooling coil. Unit performs at maximum rated efficiency under changing outdoor temperatures. Superior to "capillary tube" systems offered by others.

Waste Heat from Condensing Unit Is Forced Upward to prevent killing of grass or plants.

Guaranteed 5 Yrs. All parts of Fairway refrigeration cycle will be replaced Free if defective in materials, workmanship. 1-Yr. Guar. on all electrical parts—replaced Free if defective.



Low as
\$499.00

Remote Cooling Equipment Selection Guide

Chart below contains information for selecting a complete Remote System which consists of two parts—a condenser and a cooling coil (a condenser and a blower-cooling coil combination). If in doubt, write Wards Customer Engineering Dept. for proper size.

How to Use Guide. From column 1, select the capacity you require. From Column 2, order the condenser. If you use your present furnace, choose coil from Columns 3, 4 or 5. For separate duct system or for a suspended "Free Blow" application, order blower-coil unit, Col. 6.

System Capacity BTU HP† Dry Bulb 75°F. Wet Bulb with Outside Temp. 59°F.	Condensing Unit Catalog Number	Matching Cooling Units (Select one only or (2) units where indicated)					
		Cooling Coil Only					Combination Blower and Coil Units
		Upflow Coil	Downflow Coil	Horizontal Coil	Cal. 6		
Col. 1	Col. 2	Col. 3	Col. 4	Col. 5			
32,000	81HC5604RT	81HC5633RT	81HC5625F	81HC5622RT	81HC5642RT		
36,000	81HC5604RT	81HC5634RT	81HC5625F	81HC5622RT	81HC5642RT		
48,000	81HC5606RT	81HC5634RT	81HC5625F	81HC5622RT	81HC5642RT		
49,500	81HC5606RT	81HC5634RT	81HC5625F	81HC5623RT	81HC5642RT and 81HC5640F		
50,000	81HC5606RT	81HC5634RT	81HC5625F	81HC5622RT	81HC5642RT		
61,000	81HC5608RT	81HC5634F	81HC5625F	81HC5623RT	81HC5642RT and 81HC5640F		
62,000	81HC5608RT	81HC5634RT	81HC5625F	81HC5623RT	81HC5642RT and 81HC5640F		
67,000	81HC5608RT	81HC5634RT	81HC5625F	81HC5624RT	81HC5642RT and 81HC5640F		

Above systems meet ARI* standards. Units use 230 V. 1-phase 60-cy. current. For 3-phase units order special through Cust. Eng. Dept.—see Back Covers. To convert BTU system cap. to tons cooling, divide BTU by 12,000. Ex: 36,000 BTU ÷ 12,000 = 3 tons cooling.

*Air-Conditioning and Refrigeration Institute.

Large Capacity Condensing Units

Ideal for extra-large dwellings or in business places where smaller type unit would not handle the cooling load. Zinc-coated steel unit is completely wired inside with all leads tagged for fast, easy installation. Copper tubing routed separately, see Page 22 carries refrigerant from condenser (outside) to cooling coil in duct work of furnace. Requires no water for cooling purposes. See Remote Cooling Equipment Selection Guide (at left) for the proper size unit to order. Larger units, both air and water cooled (not shown) up to 15 RT, available by special order through Wards Customer Engineering Department... write for specifications and prices. 230 volt, 1-phase, 60 cycle.

Catalog Number	Unit size inches			Shipping Weight	Per Month	Cash Price
	L	W	H			
81 HC 5674RT	40	32½	25½	295 lbs.	\$17.30	\$499.00
81 HC 5680 RT	45¼	32	38¼	470 lbs.	24.30	699.00
81 HC 5686 RT	45¼	32	38¼	482 lbs.	28.00	799.00

Shipping Notice

"RT" after Catalog Number means item is shipped promptly from Chicago, Baltimore, Kansas City or Ft. Worth M.O. Stock; or L.A. Warehouse. "F" means from Richmond, Ind. Factory, allow 2 weeks extra.

Horizontal Cooling Coils . . . Blowers . . . Grills



Only
\$35.00

Only
\$249.00

Blower and Cooling Coil Unit. Can be installed in either Verticlimber or Horizontal position. Suspend from ceiling—vibration eliminators furnished. Wide adjustment range on blower allows use with condensers to produce capacity from 32,000 to 60,000 BTU. Use expansion valve that comes with condenser. Write for details on commercial and other applications to Wards Customer Engineering Dept.—see Back Cover, Wt. 300 lbs. 81 HC 5642 RT—48½ in. L, 29½ in. W, 19½ in. H. . . . \$249.00

Horizontal Outlet Plenum and Grill. Matches 81 HC 5642RT. Required for "Free-Blow" Horizontal Application. 81 HC 5643 RT—Shipping wt. 37 lbs. . . . \$35.00

Horizontal Cooling Coil and Case Only. Section, liquid lines and drain can be connected from either side. See Selection Guide for matching Condenser. Matches blower units below.

Catalog Number	Dimensions—Inches			Shipping Weight	Cash Price
	Length	Width	Height		
81 HC 5622 RT	35	12½	12¼	88 lbs.	\$114.00
81 HC 5623 RT	48½	14	24¼	136 lbs.	161.50
81 HC 5624 F	49½	20	24¼	160 lbs.	190.00

2000 CFM Horizontal Blower Only. Use with Horizontal Cooling Coil 81HC5623RT or 81HC5624F. ½-HP motor with adjustable pulley. Size: 27½ in. long, 24½ in. high, 48½ in. wide. 81 HC 5640 F—Shipping wt. 225 lbs. . . . \$152.00

3000 CFM Horizontal Blower Only. Same as 81 HC 5640F except has ¾-HP motor for greater capacity. Use with Horizontal Cooling Coil 81 HC 5623RT or 81 HC 5624F. 81 HC 5641F—Wt. 225 lbs. No motor starter required. . . \$176.00

Upflow Type Cooling Coil and Case

Easy to install. Upflow type cooling coil can be mounted in plenum of furnace . . . makes an attractive installation. Order coil and case separately. Order coil case size that best fits your requirements. See chart below. Coil case must be assembled on job. Use with condensing unit (D) above or at right.

(A) Cooling Coil Case Only					(B) Cooling Coil Only						
Catalog Number	Dimensions in.			Wt. lbs.	Price	Catalog Number	Dimensions in.			Wt. lbs.	Price
	L	W	H				L	W	H		
81 HC 5636 RT	23½	21½	14½	22	\$14.00	**81 HC 5633 RT	23½	20½	13	40	\$71.50
81 HC 5637 RT	24	25½	14½	29	14.00	81 HC 5634 RT	23½	20½	13	51	85.50
81 HC 5638 F	31½	25½	14½	35	14.00	81 HC 5634 RT	23½	20½	13	51	85.50
81 HC 5639 F	31½	25	14½	31	24.00	81 HC 5635 F	30½	23¼	14½	72	114.00

**Coil 81 HC 5633 RT will also fit into Coil Case 81 HC 5637 RT.

Downflow Cooling Coil and Case

Ready For Immediate Installation. Fits directly under counterflow furnace without additional duct work or support required. Refer to Selection Guide above for correct condensing unit to use with these coils.

81 HC 5625 F—31½x21x17 in. Wt. 96 lbs. \$80.75
81 HC 5626 F—44½x25x17 in. Wt. 136 lbs. 104.50

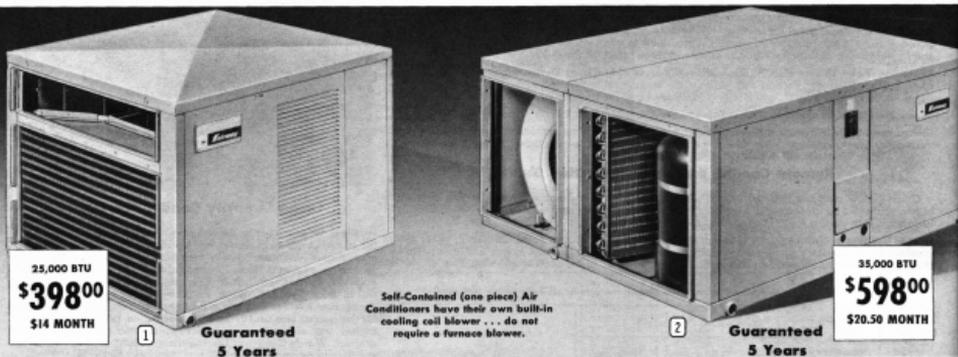


Low as
\$80.75

No Money Down . . . Up to 3 Years to Pay . . . See Back Cover

NOW, INSTALL YOUR OWN

ONE-PIECE SELF-CONTAINED CENTRAL AIR CONDITIONERS



25,000 BTU
\$398.00
\$14 MONTH

1

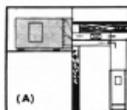
**Guaranteed
5 Years**

Self-Contained (one piece) Air Conditioners have their own built-in cooling coil blower... do not require a furnace blower.

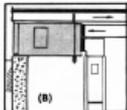
2

35,000 BTU
\$598.00
\$20.50 MONTH

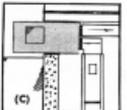
**Guaranteed
5 Years**



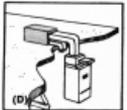
(A) Mount outside, use present duct system



(B) Indoor flush-mount, use present ducts



(C) Mount through wall for shop or store



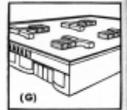
(D) Mount on roof for shop or store



(E) Carport-mount with ductwork to attic



(F) Install in window, shop or factory



(G) Use as many as job requires

SELF-CONTAINED UNITS HAVE PLUS FEATURES

All-in-One Unit—Condenser, cooling coil and blower are factory assembled and ready to operate—just connect to electrical power. Ideal for cooling homes as well as large areas such as shops, banks, markets and factories.

Versatile—Can be connected to new separate duct system or to present warm air ducts. Hermetically sealed for trouble-free operation. Uses outside air instead of water. 5-Year Guarantee on refrigerant system (see details below).

Easiest to Install—Multiple self-contained units allow zone control air conditioning at low cost. Add 2 or more units to handle any size job. The larger the job, the more economical these units become. UL Approved for outdoor installation.

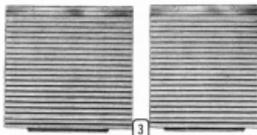
1 **Fairway 25,000 BTU, 2-Ton Model**—a low priced central air conditioner for home or business, cools large single areas or from 4 to 6 rooms. Use present warm air duct system to distribute cooled air. Unit completely wired internally—order thermostat (10) to (13) opp. page. Rust-resistant bonded-steel cabinet has gray baked-on enamel finish. Two 3/4-in. drain connections with overflow feature in evaporator section. Overall 29 1/2 x 23 1/2 x 34 in., deep. Sep. 5-Yr. Guar. below. Order grill assembly (5) if installed flush through outside wall. For 230 volt, 1-Ph. 60 cyc. 800 CFM evaporator air delivery.

81 HC 5600 RT—Shipping weight 349 lbs. Only \$14.00 Month... Cash \$398.00

See "Shipping Information" on Opposite Page. For help in selecting correct system for your needs, write Wards Customer Engineering Dept., see Back Cover.

2 **Fairway 35,000 BTU, 3-Ton Model** has same line features as (1) except has larger cooling capacity. Unit will cool large areas or from 5 to 7 rooms. For larger installations, use as many units as needed. Two section cabinet construction permits easier handling. Built-in filter-drier removes moisture and acids, checks corrosion. Unit has three 3/4-in. drain connections with overflow feature in evaporator section. Overall 39 1/2 x 20 1/2 x 45 1/4 in. Order thermostat (10) to (13) opposite page. Order grills separately below. 1100 CFM evaporator air delivery. For 230 volt, 1-Ph. 60 cycle. See 5-year Guarantee below.

81 HC 5601 RT—Shipping weight 500 lbs. Only \$20.50 Month... Cash \$598.00



Grills and Springs for Air Conditioners

3 **Protective Grills**. Necessary for self-contained central air conditioner (2) above when installed outside. Consists of two heavy metal grills which fit blower inlet section and evaporator section... protect evaporator coil. Permanent louvers keep out rain. Protective wire mesh on inside keeps out birds and insects. Mail.

81 HC 5473 MT—Shipping weight 19 lbs. Set of 2 grills \$22.00

4 **Isolation Spring Set**. For (2) above. Reduces noise level, eliminates transmission of vibrations from unit to building. Use when unit is to be installed on roof, in attic or on floor. Install heaviest spring under condenser-section corner; three lighter springs under other corners.

81 HC 5483 T—Ship. wt. 2 lbs. 8 oz. Set of 4 \$11.50

5 **Flush-Mounting Grill Assembly**. For unit (1) above. Required when unit is installed flush with outside wall (See sketch (B)). Assembly is unit extension and baffle arrangement which permits air to enter and exhaust from front of unit. Baffle arrangement eliminates recirculation of discharge air. Instructions included.

81 HC 5655 MT—Mail, Ship. wt. 2 lbs. 8 oz. \$11.50

6 **Filter-Type Return Air Grill and Frame**. Fits in ceiling for use with unit (1) above. Ideal for large room commercial installations requiring no return air duct system. (See (D)). Features fast, easy filter replacement. No tools required. Gold-color hammertone grill snaps out easily; tabs prevent filter from tipping forward and spilling contents. Order Filter same size as grill. Ship. wts: 10 1/4; 13 lbs. Slate Size Waxed.

81 HC 5498 MT—25x14 in. Size... \$9.95. 25x20 in. Size... \$13.95

5-YEAR GUARANTEE

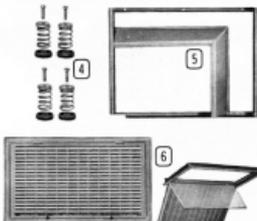
Hermetically sealed refrigerating unit of (1), (2) guaranteed 5 years; other parts 1 year. Defective parts will be repaired or replaced Free within guarantee.

Customer Engineering Service

A Custom-Designed Heating or Air Conditioning System in 2 Easy Steps.

First—Obtain Your Free Estimate Blank at your nearest Ward Catalog Store, or send coupon on Back Cover to your nearest Ward Mail Order House. Check Estimate Blanks you want. Information is requested in simple, non-technical terms—easy to fill in. Complete and return it to Wards.

Second—Wards Technical Experts Will Estimate All Your Needs from the information provided on your Estimate Blank. In a few days, the FREE cost estimate and the recommendations for your exact needs will be returned to you.



8 WARD'S CATALOG

No Money Down... Up to 3 Years to Pay

SEE
BACK COVER

AIR CONDITIONING SYSTEM No Skilled Labor or Experience Necessary

TWO-PIECE CENTRAL UNIT WITH SIMPLIFIED QUICK-CONNECTORS

"Do-It-Yourself" Connections



Quick-Connect Couplings link 24-ft. refrigerant lines quickly and permanently to cooling coil and condenser section. New stainless steel seat makes Suction Line and Liquid Line connections absolutely leakproof in any weather. Extremely easy to install... just screw together.

Electrical Connection Kit for (7). Lets you do your own connecting simply and quickly. Includes all necessary wire, cable, conduit and fittings. Use to connect (A) 24-volt thermostat circuit (B) 110-V. furnace blower motor circuit (C) 230-volt condenser circuit (up to 100 ft. from house). Complete, illustrated instructions provided. Cable for (B) is plastic-covered and weatherproof... approved by Underwriters Laboratories and most communities for outdoor installation (check local code to be sure). Disconnect fuse box is installed outside... convenient to condenser. System can be cut off separately without affecting other house circuits. Wire terminals are tagged and wires are color coded. Shipped from Chicago; pay P.M. from nearest M.O. Hse. For tools, see electrical section in General Catalog.

81 HCP 5681RT—Ship. wt. 39 lbs. Not Mailable. \$40.00

5-YEAR GUARANTEE

Hermetically sealed refrigerating unit is Guaranteed 5 Years; all other parts are Guaranteed for 1 year. Defective parts will be replaced free within Guarantee.

Important

Shipping Information

Unless otherwise stated, all items on these two pages are shipped promptly from Chicago, Baltimore, Kansas City or Ft. Worth Mail Order House Stock.

- First Practical "Do-It-Yourself" System Offered to Date
- Complete with 24-Ft. Fully Charged Refrigerant Lines—Never Any Need to Add Refrigerant Gas
- No Previous Experience Needed for Installation
- You Save at Least \$200 on Labor Charges... Approximately 25% of the Normal Cost of a Complete System
- 35,000 BTU Rated Capacity at 95° Average Outside Temperature per A.R.I. standards

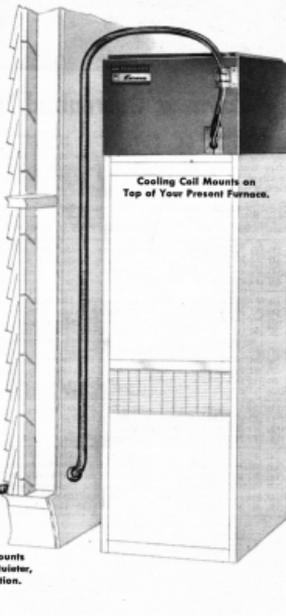
7 Now... A Complete Remote-type Air Conditioning System at One Low Price. Includes Condenser... Cooling Coil... Coil Case... Quick Connectors... Thermostat (112) below. Order electrical kit 81HCP5681RT at left. Engineered for easy installation. You get a complete system... and eliminate expensive skilled labor costs. Cools average 1 floor, 3-bedroom house (up to 1700 sq. ft.)... will cool larger areas with proper insulation (if in doubt, check insulation requirements with Wards Customer Eng. Dept.)

Outside condenser section has top discharge to maintain full capacity regardless of air direction or velocity—won't kill grass or bushes. All exposed parts metallurgically treated to resist rust and corrosion. Has unitized construction—no bolts or screws to loosen and rattle. Your furnace blower motor must be minimum 1/4 HP to operate air conditioning system, 1/2 HP for top efficiency. See Gen. Cat. for electric motors. Specifications: Condenser Section—L 40 in., W 22 1/2 in., H 25 1/2 in.; Air Coil Case—L 23 1/2 in., W 21 in., H 14 1/2 in. Promptly from Richmond, Ind. Fact. Available Dec. 1, 1961. 81 HCP 5675 F—Ship. wt. 400 lbs.... Cash \$680.00

Refrigerant Line Extension Kit. 12-ft. charged Suct. Liq. lines. Promptly Richmond, Ind. Fact. 81 HCP 5682 F—Ship. wt. 20 lbs.... \$24.00

If you have a 2-story house and desire a central air conditioning system, Write Wards Customer Engineering Department for expert advice. See Coupon Back Cover.

Complete System
ONLY
\$650.00
\$22.50 MONTH



Cooling Coil Mounts on Top of Your Present Furnace.

Condenser Section Mounts Outside of Home for Quicker, More Efficient Operation.

Dependable Honeywell Controls Give Exact Cooling Temperatures



Select Famous Honeywell Controls for Your New Airway Central Air Conditioning System.

8 Universal Relay. Use with Self-Contained air conditioners (1) and (2) on opposite page to operate furnace blower motor at same time as the evaporator cooling blower.

81 HCP 8747 T—Postpaid... \$16.05

9 Furnace Filter Flap. Automatically indicates when filters need replacing. Assures more efficient cooling. Mounts on forced warm air furnace blower cabinet. Can be wired to signal light on sub-base of thermostat. From M.O. stock.

81 HCP 8719 T—Postpaid... \$3.95

10 Straight Cooling Thermostat with manual on-off switch. Recommended when cooling system is added to present heating system and present heating thermostat remains. Cooling unit fan runs only when compressor is running. Cooling system may be turned on or off by manual switch.

81 HCP 8715 T—For 24 volt, 60-cycle AC. Postpaid... \$10.40

11 2-way Cooling Thermostat. Like (10) but has separate fan and cooling switches. Fan switch has "on-auto" control. When in "auto" position, cooling unit fan cycles with compressor; when in "on" position, fan runs continuously. Cooling switch has "auto-off" control. When in "auto" position, cooling system is operated by cooling thermostat.

81 HCP 8716 T—For 24 volt, 60-cycle AC. Postpaid... \$17.60

12 Combination Heating and Cooling Thermostat. For 1-spot control of heating and cooling systems. Replaces old heating thermostat. Fan can also operate for ventilation without heating or cooling system in operation.

81 HCP 8717 T—For 24 volt, 60-cycle AC. Postpaid... \$18.60

13 Completely Automatic Electric Clock Thermostat. The ultimate in around-the-clock comfort. For heating and/or cooling systems. Automatically lowers temperature at night raises it in morning. Saves fuel. With 110/24-V. transformer. Requires 2 wires for clock, 2 for thermostat. 2 3/8x5x2 3/8 in. Shipped promptly from M.O. House.

81 HCP 8704—For 24-V. or Millivolt use. Postpaid... \$44.95

14 Sub-base for Thermostat (13). Required when installed on cooling system. Has system switch (Heat-Off-Cool), Fan switch (On-Auto). Signal light for clogged filters.

81 HCP 8714 T—Postpaid... \$9.70

WARDS 9