

# OceanAire

PORTABLE

## AIR CONDITIONERS + HEAT PUMPS

OFFERING 1-30 TONS OF AIR CONDITIONING



AIR COOLED

WATER COOLED

HEAT PUMPS

PROVIDING A BETTER CLIMATE ANYWHERE

[oceanaire-inc.com](http://oceanaire-inc.com)

1731 Wall St, Suite #100 Mt Prospect, IL 60056



# THE OceanAire STORY...

**WE DESIGN** - With over 25 years of experience in portable cooling, OceanAire offers the industry's broadest line of products for temporary cooling and heating needs. As the industry design leader, we offer four families of products ranging from 1 Ton to 30 Tons of cooling capacity, in a variety of power options. With an extensive offering of custom product options and accessories, we are confident that OceanAire can provide you with the right product for the job.

**WE MANUFACTURE** - OceanAire products are skillfully manufactured in our 46,000 sq. ft facility in Mount Prospect, IL. We actively maintain an inventory ready to ship when that emergency need arises. OceanAire products are UL Listed, thoroughly tested prior to shipment, and come with a full 1 year warranty plus 4 years of additional warranty on the compressor. (Terms apply.)

**WE TRAIN** - We believe in helping you and your staff get the most out of our products. OceanAire works closely with its distributors on product training and application support. Our success is directly linked to yours!

**WE SUPPORT** - Our customer service and technical staff are here to serve you with application assistance and unparalleled service - before and after the sale. From building cooling and heating, to retail and facility maintenance, to specialty manufacturing, we are here to assist with your application. With a highly flexible manufacturing system, OceanAire is able to design, build to order and ship product for the most demanding applications.

**WE OFFER** -

## AIR COOLED PORTABLES (SPOT COOLERS)

OceanAire offers a full line of Deluxe, Air Cooled portable units with cooling capacities ranging from 1 Ton to 5 Tons. With 3-Ton and 5-Ton models available in single and three phase power, as well as outdoor approved models ranging from 5-30 Tons, OceanAire is the preferred choice of building engineers.

## WATER COOLED PORTABLES

OceanAire offers a full line of Deluxe, Water Cooled portable air conditioners. Cooling capacities range from 1 Ton to 5 Tons, with multiple voltages offered for the larger models. Water cooled portable AC units provide cooling in challenging applications.

## HEAT PUMPS

Portable Heat Pumps - OceanAire pioneered the development of the portable heat pump, with the first models being released in 2000. OceanAire offers a full line of Deluxe Portable Heat Pump models with COOLING and HEATING capacities ranging from 1 Ton to 5 Tons.

# 2OAC Series: Deluxe Portable Spot Cooler - Air Cooled



MODEL: 2OAC	1211	1811	2412	3612	3632	3634	6012	6032	6034
COOLING CAPACITY	11,800	16,800	24,020	36,050			60,100		
VOLTAGE (V/Phase) at 60Hz	115/1		208-230/1		208-230/3	460/3	208-230/1	208-230/3	460/3
AMPS	10.4	14.1	14.9	19.6	17.2	8.7	32	20.4	14.8
TOTAL WATTS	1180	1670	2700	3620			6000		
IN-RUSH AMPS	60	75	68	113	93	60	178	162	87
PLUG TYPE	5-15P LCDI	5-20P LCDI	6-20P LCDI	6-30P LCDI	L15-30P	L16-20P	6-50P	L15-30P	L16-20P
EER	10.0								
COMPRESSOR	ROTARY			SCROLL					
COMPRESSOR HP	1	1.5	2	3			5		
COMPRESSOR LRA	50	63	48	83	77	35	158	137	60
EVAPORATOR CFM - HIGH	400	600	810	1200			1950		
EVAPORATOR MOTOR HP	1/8		1/3	1					
CONDENSER CFM	580	930	1010	1390			2200		
CONDENSER MOTOR HP	1/8		1/3	1					
CONDENSATE TANK	5 Gallon - STANDARD (Pump Optional)						Pump - Automatic 20' Vertical Lift		
R-410A CHARGE (oz.)	18	40	37	66			80		
HEIGHT (in.)	38.7	46.7		52.7			54.2		
WIDTH (in.)	20.0	24.0	28.2			28.2			
DEPTH (in.)	26.7	31.5	37			41.0			
NET WEIGHT (lb.)	180	260	365		380	485		520	



SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE  
**Cooling Ambient** Operating Range 65°F To 105°F  
 \*55° with additional hot gas bypass valve install

Not Approved for Outdoor Use

## PRODUCT FEATURES

- SOLID STATE ELECTRONIC CONTROLLER
- MANUAL OR AUTO 6-SPEED FAN CONTROL
- LARGE LED DISPLAY
- SWIVEL BALL BEARING CASTERS WITH LOCKING FRONTS
- CONDENSATE OVERFLOW ALERT
- HIGH PRESSURE SAFETY SWITCH
- THREE PHASE MONITOR (SOME MODELS)
- WASHABLE ELECTROSTATIC FILTERS

## AIR COOLED

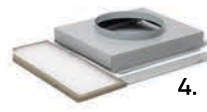


## APPLICATIONS

- Offices
- Schools
- Retail Shops
- Warehouses
- Recovery Rooms
- Hospitals
- Laboratories
- Server Rooms
- Storage Rooms
- Gyms / Locker Rooms



## OPTIONAL ACCESSORIES



### 1. NOZZLE KIT

2NK-1 2 X 4-INCH NOZZLES  
 2NK-2 2 X 6-INCH NOZZLES  
 2NK-3 2 X 8-INCH NOZZLES

### MODEL

12  
 18, 24  
 36, 60

### 4. EVAPORATOR RETURN AIR PLENUM

DEP-10 10-INCH  
 2DEP-12 12-INCH  
 DEP-16 16-INCH

### MODEL

12  
 18, 24  
 36, 60

### 2. CEILING PANEL KIT WITH DUCT

CK-12 2 x 2 PANEL with duct  
 CK-16 2 x 2 PANEL with duct

12, 18, 24  
 36, 60

### 5. DISCHARGE DUCT ADAPTER

2DDA-6 6-INCH  
 2DDA-10 10-INCH  
 2DDA-16 16-INCH

12  
 18, 24  
 36, 60

### 3. CONDENSATE PUMP KIT

UPK-115 115V PUMP KIT  
 UPK-230 230V PUMP KIT  
 (Condensate pumps are installed in 2OACH60's)

12, 18  
 24, 36

### 6. CONDENSER RETURN AIR PLENUM

2DCP-1 12-INCH  
 2DCP-2 12-INCH  
 DCP-5 16-INCH

12  
 18, 24  
 36, 60



# 2OACH Series: Deluxe Portable Heat Pump - Air Cooled



MODEL: 2OACH	1211	1811	2412	3612	3632	3634	6012	6032	6034
COOLING CAPACITY	11,800	16,800	24,020	36,050			60,100		
HEATING CAPACITY	11,000	15,000	22,000	32,500			53,500		
VOLTAGE (V/Phase) at 60Hz	115/1		208-230/1		208-230/3	460/3	208-230/1	208-230/3	460/3
AMPS	10.4	14.1	14.9	19.6	17.2	8.7	32	20.4	14.8
TOTAL WATTS	1180	1670	2700	3620			6000		
IN-RUSH AMPS	60	75	68	113	93	60	178	162	87
PLUG TYPE	5-15P LCDI	5-20P LCDI	6-20P LCDI	6-30P LCDI	L15-30P	L16-20P	6-50P	L15-30P	L16-20P
EER	10.0		8.9		10.0				
COMPRESSOR	ROTARY			SCROLL					
COMPRESSOR HP	1	1.5	2	3			5		
COMPRESSOR LRA	50	63	48	83	77	35	158	137	60
EVAPORATOR CFM - HIGH	400	600	810	1200			1950		
EVAPORATOR MOTOR HP	1/8		1/3		1				
CONDENSER CFM	580	930	1010	1390			2200		
CONDENSER MOTOR HP	1/8		1/3		1				
CONDENSATE TANK	5 Gallon - STANDARD (Pump Optional)						Pump - Automatic 20' Vertical Lift		
R-410A CHARGE (oz.)	18	40	37	66			80		
HEIGHT (in.)	38.7	46.7		52.7			54.2		
WIDTH (in.)	20.0	24.0		28.2			28.2		
DEPTH (in.)	26.7	31.5		37			41.0		
NET WEIGHT (lb.)	180	260		365		380	485		520



SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

Not Approved for Outdoor Use

**Cooling Ambient** Operating Range 65°F To 105°F

\*55° with additional hot gas bypass valve install

**Heating Ambient** Operating Range 40°F To 85°F

## PRODUCT FEATURES

- SOLID STATE ELECTRONIC CONTROLLER
- AUTOMATIC MODE CHANGEOVER
- MANUAL OR AUTO 6-SPEED FAN CONTROL
- LARGE LED DISPLAY
- SWIVEL BALL BEARING CASTERS WITH LOCKING FRONTS
- CONDENSATE OVERFLOW ALERT
- HIGH PRESSURE SAFETY SWITCH
- THREE PHASE MONITOR (SOME MODELS)
- WASHABLE ELECTROSTATIC FILTERS

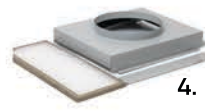
## HEATING & COOLING



## APPLICATIONS

- Offices
- Schools
- Retail Shops
- Warehouses
- Recovery Rooms
- Hospitals
- Server Rooms
- Laboratories
- Gyms / Locker Rooms
- Storage Rooms

## OPTIONAL ACCESSORIES



### 1. NOZZLE KIT

2NK-1 2 X 4-INCH NOZZLES  
2NK-2 2 X 6-INCH NOZZLES  
2NK-3 2 X 8-INCH NOZZLES

### MODEL

12  
18, 24  
36, 60

### 4. EVAPORATOR RETURN AIR PLENUM

DEP-10 10-INCH  
2DEP-12 12-INCH  
DEP-16 16-INCH

### MODEL

12  
18, 24  
36, 60

### 2. CEILING PANEL KIT WITH DUCT

CK-12 2 x 2 PANEL with duct  
CK-16 2 x 2 PANEL with duct

12, 18, 24  
36, 60

### 5. DISCHARGE DUCT ADAPTER

2DDA-6 6-INCH  
2DDA-10 10-INCH  
2DDA-16 16-INCH

12  
18, 24  
36, 60

### 3. CONDENSATE PUMP KIT

UPK-115 115V PUMP KIT 12, 18  
UPK-230 230V PUMP KIT 24, 36  
(Condensate pumps are installed in 2OACH60's)

### 6. CONDENSER RETURN AIR PLENUM

2DCP-1 12-INCH 12  
2DCP-2 12-INCH 18, 24  
DCP-5 16-INCH 36, 60



# OWC Series: Deluxe Portable Air Conditioner - Water Cooled



MODEL: OWC	1811	2412	3612	3632	3634	6012	6032	6034
<b>COOLING CAPACITY</b>	<b>18,000</b>	<b>23,950</b>	<b>36,100</b>			<b>60,100</b>		
VOLTAGE (V/Phase) at 60Hz	115/1	208-230/1		208-230/3		460/3	208-230/1 208-230/3 460/3	
AMPS	11.3	9.9	12	9.3	4.7	23.7	16.5	6.3
TOTAL WATTS	1300	2100	2700			5000		
IN-RUSH CURRENT (AMPS)	69	55	100	80	48	165	149	75
PLUG TYPE	5-15P LCDI	6-20P LCDI	6-20P LCDI	L15-20P	L16-20P	6-30P LCDI	L15-30P	L16-20P
EER	13.8	11.4	13.4			12		
COMPRESSOR	ROTARY			SCROLL				
COMPRESSOR HP	1.5	2	3			5		
COMPRESSOR LRA	63	48	83	77	35	158	137	62
EVAP CFM - HIGH	600	810	1200			1950		
EVAP MOTOR HP	1/8	1/3	1					
<b>CONDENSER WATER FLOW</b>								
AT 60°F WATER IN (GPM)	1.1	1.55	2.2			3.8		
AT 85°F WATER IN (GPM)	4.5	6	9			15		
<b>WATER LINE CONNECTIONS</b>								
WATER IN	3/8 MF		5/8 MF			5/8 MF		
WATER OUT	3/8 MF		5/8 MF			5/8 MF		
DRAIN	3/8 MF		3/8 MF			3/8 MF		
CONDENSATE REMOVAL/ PUMP	20 FT. LIFT - 3/8 MF CONNECTION ON UNIT - DRAIN							
R-410A CHARGE (oz.)	18	16	24			52		
HEIGHT (in.)	45.7		51.7			53.2		
WIDTH (in.)	21.5		28.2			28.0		
DEPTH (in.)	16.0		29.0			29.0		
NET WEIGHT (lb.)	155	170	275	310	375	410		



SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE - *Not Approved for Outdoor Use*  
 Cooling Ambient Operating Range 65°F To 105°F  
 \*55° with additional hot gas bypass valve install

## PRODUCT FEATURES

- SOLID STATE ELECTRONIC CONTROLLER
- MANUAL OR AUTO 6-SPEED FAN CONTROL
- LARGE LED DISPLAY
- SWIVEL BALL BEARING CASTERS WITH LOCKING FRONTS
- INTERNAL CONDENSATE PUMP WITH OVERFLOW ALERT
- WATER REGULATING VALVE
- HIGH PRESSURE SAFETY SWITCH
- THREE PHASE MONITOR (SOME MODELS)
- WASHABLE ELECTROSTATIC FILTERS

## WATER COOLED



## APPLICATIONS

- Commercial Buildings
- Hospitals
- Recovery Rooms
- Gyms / Locker Rooms
- Laboratories
- Server Rooms
- Schools
- Retail Shops
- Warehouses
- Storage Rooms

## OPTIONAL ACCESSORIES



### 1. NOZZLE KIT

2NK-2 2 X 6-INCH NOZZLES  
 2NK-3 2 X 8-INCH NOZZLES

### MODEL

18, 24  
 36, 60

### 4. STANDARD HOSE KIT

HK-1 (10FT), HK-2 (25FT), HK-5 (40FT)  
 HK-3 (10FT), HK-4 (25FT), HK-6 (40FT)

### MODEL

18, 24  
 36, 60

### 2. EVAPORATOR RETURN AIR PLENUM

2DEP-12 12-INCH 18, 24  
 DEP-16 16-INCH 36, 60

### 5. QUICK CONNECT HOSE KIT

HK-5QC (40FT) 18, 24QC  
 HK-6QC (40FT) 36, 60QC

### 3. DISCHARGE DUCT ADAPTER

2DDA-10 10-INCH 18, 24  
 2DDA-16 16-INCH 36, 60

### 6. HOSE ADAPTER KIT - QC ONLY

HA-SMQC 18, 24QC  
 HA-LGQC 36, 60QC



# OPACH (5 Ton) Series: Outdoor Portable Air Conditioner - Heat Pump



MODEL	OPACH6012
COOLING CAPACITY (BTUH)	60,300
HEATING CAPACITY (BTUH)	37,600
AUX. HEAT CAPACITY (KW)	7
VOLTAGE	208-230V, 60Hz, 1PH
AMPS	40.1
TOTAL WATTS	5020
COOLING CAPACITY	Total BTUH at 80°DB/67°WB Return Air 95°F Outdoor
EER	11.9
COMPRESSOR	Scroll
COMPRESSOR HP	5
COMPRESSOR RLA	26.4
COMPRESSOR LRA	132
EVAPORATOR CFM - HIGH	1600
EVAPORATOR BLOWER TYPE	Centrifugal
EVAPORATOR MOTOR	3/4 HP
CONDENSER FAN	Propeller
CONDENSER CFM	1750
CONDENSER MOTOR	1/4 HP
CONDENSATE REMOVAL	Gravity Drain
REFRIGERANT CHARGE (oz)	175 R-410A
HEIGHT	52.5"
WIDTH	75.5"
DEPTH	42"
NET WEIGHT (lbs)	710

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE  
Ambient Operating Range 25°F To 115°F



**HEATING &  
COOLING**



## PRODUCT FEATURES

- REAR 8" SWIVEL PIN LOCKS
- FRONT 8" SWIVEL BRAKE LOCKS
- DISPOSABLE AIR FILTER
- SCROLL COMPRESSOR
- INTEGRATED COMPRESSOR PROTECTION
- LOW PRESSURE AND HIGH PRESSURE SAFETY CUT-OUT
- 600V TERMINAL BLOCK FOR POWER PROTECTION
- CIRCUIT BREAKER FOR UNIT POWER PROTECTION
- 24VAC THERMOSTAT
- STATIC CAPABILITY UP TO 0.7" ESP
- 2" x 2" STEEL FRAME WITH HANDLE AND FORK POCKETS



## APPLICATIONS

- Construction / Remodeling
- Tent Sites
- Festivals
- Outdoor Events



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# OPAC (12 Ton) Series: Outdoor Rated Portable Air Conditioner



MODEL	OPAC14432	OPAC14434
COOLING CAPACITY (BTUH)	144,000	
VOLTAGE	208-230V, 60Hz, 3PH	460V, 60Hz, 3PH
AMPS	40	17
TOTAL WATTS	13,300	
COOLING CAPACITY	Total BTUH at 80°DB/67°WB, 95°F Outdoor at High Fan Speed	
EER	10.8	
COMPRESSOR	Scroll	
COMPRESSOR HP	12	
COMPRESSOR RLA	48.1	18.6
COMPRESSOR LRA	245.0	125.0
EVAPORATOR CFM - HIGH	4,000	
BLOWER TYPE	Twin Forward Curved Fans	
EVAPORATOR MOTOR	Two 1-HP Each	
CONDENSER FAN	Reverse Curved Motor Impeller	
CONDENSER CFM	6,250	
CONDENSER WATTS	2,400	
DRAIN CONNECTION	3/4" Male Garden Hose Thread	
CONDENSATE PUMP	10 ft. Lift	
REFRIGERANT CHARGE (lbs)	13 lbs R410A	
HEIGHT	77.0"	
WIDTH	72.25", 66.5" (w/o handles)	
DEPTH	30.25"	
NET WEIGHT (lbs)	1233	1273

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE  
Cooling Ambient Operating Range 40°F To 115°F

## PRODUCT FEATURES

### REFRIGERATION

- 12-Ton Scroll Compressor
- Integrated Compressor Protection
- Low Pressure and High Pressure Cut-out
- TXV Refrigeration Control with Hot Gas Bypass

**OPTIONAL: - AH, 22KW Auxiliary Heat - B, CAM-LOK Buss Bar**

### ELECTRICAL

- CAM-LOK Power Connection
- Phase Monitor Protection
- Control Wiring Circuit Breaker
- Analog Hour Meter

### BLOWER FEATURES

- Two Speed Evaporator Blower Package
- 2-inch Pleated Filters (3 Total, 18 x 20 x 2)
- Reverse Curved Condenser Blower Package
- High Static Capability
- Low Ambient Fan Control

### CABINET FEATURES

- Through the Door Profile
- 2-Way Fork Pockets
- 8-Inch Urethane Swivel Casters with Locks
- Dual Handle Bars for Improved Mobility



**AIR COOLED**



## APPLICATIONS

- Commercial Building Maintenance
- Planned Shutdowns
- Tented Festivals / Concerts
- Outdoor Parties
- Warehousing
- Data Centers



# OVAC (20 / 30 Ton) Series: Outdoor Vertical Air Conditioner



MODEL	OVAC24034	OVAC36034
COOLING CAPACITY (BTUH)	267,345	386,746
ELECTRIC HEAT (KW)	45	72
VOLTAGE	460V, 60Hz, 3PH	
COOLING FLA (Amps)	33	56
HEATING FLA (Amps)	60	
MCA	75	125
COMPRESSOR	Scroll	
COMPRESSOR QUANTITY	2	
COMPRESSOR NOMINAL TONS	10	15
REFRIGERANT CHARGE (lbs)	224	240
RLA	21.9	29.9
LRA	122	180
COOLING CAPACITY	Total BTUH at 80°DB/67°WB, 95°F Outdoor at High Fan Speed	
EER	11	11.5
<b>ELECTRIC HEAT CAPACITY (BTU)</b>	<b>153,540</b>	<b>245,664</b>
FLA	60 Amps (2 Stages)	
TEMPERATURE RISE (F)	30° High / 57° Low	
EVAPORATOR AIRFLOW (Cfm)	7,000	9,500
MAX STATIC DISCHARGE PRESSURE	1.1 High / 0.81 Low	1.18 High / 0.79 Low
HEIGHT	83.5"	86"
WIDTH	81"	95"
DEPTH	44"	47"
NET WEIGHT (lbs)	2,544	3,507



SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE  
Cooling Ambient Operating Range 40°F To 115°F



**AIR COOLED**

## PRODUCT FEATURES

- TWIN SCROLL COMPRESSORS
- TXV REFRIGERATION CONTROL WITH HOT GAS BYPASS
- BELT DRIVE EVAPORATOR BLOWER PACKAGE
- DATA NAB 24VAC CONTROLLER
- CAM-LOK POWER CONNECTION
- ANALOG HOUR METER
- PHASE MONITOR PROTECTION
- WELDED STEEL FRAME WITH 2-WAY FORK POCKETS
- TENT WALL CLAMPS WITH RAIN GUARD
- MALE GARDEN HOSE DRAIN CONNECTION

Duct Adapter Kit  
for 20-30 Ton



## APPLICATIONS

- Construction / Remodeling
- Tented Festivals / Concerts
- Outdoor Parties



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