



OCEANAIRE

Water Cooled Portable Air Conditioners

These water cooled air conditioners have state of the art features and efficiencies. These units surpass the competition by employing high external static pressures enabling you to add long lengths of ducting to the cool air section as well as setting up a return air duct.

Low pressure drops through the condenser coil (less than 3 PSI) enable installation of multiple units. Many units have significantly higher pressure drops.

Polaris Water Cooled

Polaris Standard Features:

- High efficiency, quiet, rotary compressor
- 3-5 ton units scroll compressors
- Pressure drop less than 3 PSI
- Rifled copper tube, enhanced fin coil
- Efficient coaxial condenser, tube in tube
- Water regulating valve, with automatic shut off
- Unique dry basepan-no condensate build-up
- 20' lift condensate pump with safety switch and check valve
- 24 volt control system
- Programmable electronic thermostat
- Centrifugal fan for cool air ducting
- Commercial grade steerable casters
- Washable aluminum mesh filters
- Manual reset high pressure switch
- Pitched drain pan (ASHRAE 62-89)
- Expanded cellular insulation
- Quiet operation
- High E.E.R.

Options:

- Hose kits for quick hook-up 10', 25' and 40'
- Nozzle kits and adapters for additional ductwork
- Return air (evaporator) kits
- Cupro nickel condenser coil
- Heresite coating for coils

Accessories:

- Field Installed Accessories: Hose kits, (3 hoses with fittings).
- HK-1 10 FT.(PWC 10,12,18,24) HK-4 25 FT. (PWC36)
 - HK-2 25 FT.(PWC 10,12,18,24) HK-6 40 FT. (PWC36)
 - HK-5 40 FT.(PWC 10,12,18,24) HK-8 25 FT. (PWC60)
 - HK-3 10 FT. (PWC36)

Model/spec	PWC1011 (2)	PWC1211 (2)	PWC1811 (2)	PWC2412	PWC3632	PWC6032
Btu/h	10,500	13,780	18,840	23,950	36,100	60,100
Volts	115 or 230	115 or 230	115 or 230	208/230 1 phase	208/230 3 phase	208/230 3 phase
Watts	970	1050	1400	1990	3000	5350
EER	12.1	13.1	13.5	12.3	12	11.3
Fuse/ Breaker	15	15	15	20	20	20
Plug Type	5-15P	5-15P	5-15P	6-20P	L15-20P	L15-20P
Evaporator CFM	300	400	600	810	1310	2200
Compressor HP	3/4	1	1 1/2	2	3	5
Compressor RLA	7.4	9.3	11.4	8.3	11.4	20
Compressor LRA	42	58	65	49	77	123
Evap. Motor HP	1/15	1/15	1/5	1/3	1/2	1
Cond. Water Flow GPM	0.6 @60° 2.5@85°	0.75@60° 3.0@85°	1.1@60° 4.5@85°	1.55@60° 6@85°	2.2@60° 9.0@85°	5.5@60° 15@85°
Water Valve Connection	3/8"	3/8"	3/8"	3/8"	5/8"	5/8"
Condensate Drain Connection	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Pressure Drop Condenser	0.2	0.4	0.4	0.2	0.4	0.4
Water Valve Pressure Drop	2.0	2.0	2.0	2.0	2.0	2.0
Condensate Pump Head	20	20	20	20	20	20
Sound Level	48	52	57	60	62	69
R-22 Charge	18	19	22	24	36	68
Height w/ Casters	31 1/2	31 1/2	37 1/2	37 1/2	47	52 1/4
Depth	13 1/8	13 1/8	13	13	15 1/2	39
Width	20 1/8	20 1/8	24 1/4	24 1/4	28 1/4	28 1/4
Net Weight	110	110	150	160	240	460