

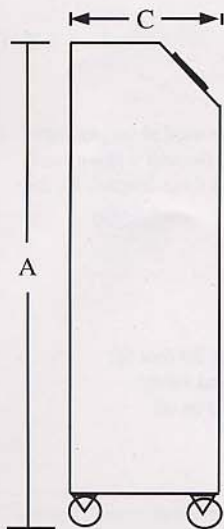
**Product Data and Specification**



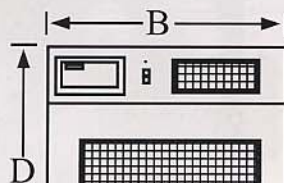
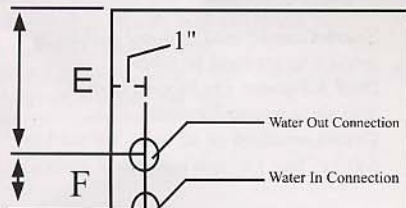
**Polaris**  
Water Cooled Units

**Optional Nozzles:**  
PWC10/12  
4 in. round x 15L  
  
PWC18, 24, 36,  
6 in. round x 23L  
  
PWC6012  
8in round  
x 20in  
long

**Optional Duct Adapter**  
PWC10/12  
1-6 in. round duct  
PWC18, 24, 36,  
1-10 in. round duct  
PWC60  
1-16 in. round duct



MODEL	PWC1011 12	PWC1211 12	PWC1811 12	PWC2412	PWC3612	PWC3632	PWC6012	PWC6032
Nominal Cooling Capacity <sup>①</sup>	10,500	13,780	18,840	23,950	36,100	36,100	60,100	60,100
Voltage	115/60/1 or 208/230/1			208-230/60/1		208/230/3	208/230/1	208/230/3
Unit Amps <sup>⑤</sup>	7.7/3.9	10.5/5.3	12.0/6.2	8.6	13.0	9.4	20.7	14.8
Unit Watts <sup>⑤</sup>	970	1050	1400	1990	3000	3000	5350	5350
In Rush Current (Amps)	69.0	79.0	92.6	64.6	109.6	103.4	183.1	134.2
Fuse/Breaker (Amps)	15	15	15	20	20	20	30	20
Plug Type	5-15P	5-15P	5-15P	6-20P	6-20P	L15-20P	6-30P	L15-20P
EER	12.1	13.1	13.5	12.3	12.0	12.0	11.3	11.3
Compressor HP	3/4	1	1 1/2	2	3	3	5	5
Compressor RLA	7.4	9.3	11.4	8.3	17.9	11.4	28.0	20.0
Compressor LRA	42	58	65	49	88	77	169	123
Evap CFM <sup>②</sup>	300	400	600	810	1310	1310	2200	2200
Evap Motor HP	1/15	1/15	1/5	1/3	1/2	1/2	1	1
Evap Motor Watts	200	200	210	350	375	375	550	550
Dimension E	18			26 1/4				
Dimension F	5 1/2			3 1/2				
Dimension G	3 1/2			6				
Cond Water Flow at 60°F inlet in (GPM): at 85°F inlet	0.60	0.75	1.10	1.55	2.20	2.20	5.50	5.50
Cond Coil Pressure Drop-PSI	0.20	0.40	0.40	0.20	0.40	0.40	0.40	0.40
Water Valve Pressure Drop PSI	2.0			2.0				
Water Valve Connection <sup>④</sup>	3/8 MF			5/8 MF				
Drain (Return) Connection	3/8 MF			5/8 MF				
Condensate Pump Head	20 FEET			3/8 MF Connection		All Units		
Sound Level <sup>③</sup>	48	52	57	60	62	62	69	69
R-22 Charge Oz.	18	19	22	24	36	36	68	68
(A) Height with Casters	31 1/2			37 1/2		47		52 1/4
(D) Height without Casters	28 1/2			34 1/2		42 1/2		46 1/2
(B) Width	20 1/8			24 1/4		28 1/4		
(C) Depth	13 1/8			13		15 1/2		39
Net Weight	110	110	150	160	240		460	
Shipping Weight	130	130	170	180	270		500	
Shipping Volume	9			18		21		36



- ① Nominal Capacity is net BTU/HR at 80°DB/67WB return air or 85°
- ② CFM with free discharge
- ③ Sound pressure, dB at 5 feet, commercial configuration.
- ④ Size 3/8 valve used on models 10, 12, 18, 24 (with 3/8 M flare fitting)  
3/4 valve used on model 36, 60 (with 5/8 M flare fitting)
- ⑤ Amps & Watts at 208 Volts