



# PC & P MODEL HEAT PUMP - THE POPULAR MODELS



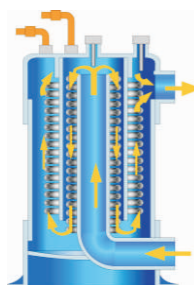
# PC & P MODEL HEAT PUMP - THE POPULAR MODELS



Horizontal Type

### Features:

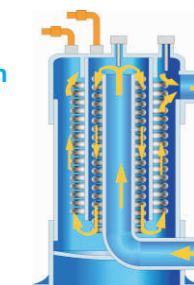
1. Oversized coated energy collector (air coils) - higher COP
2. Titanium class A1 double-coil heat exchanger
3. Active auto-charged defrosting system - higher COP
4. Digital display
5. Waterproof display and control panel
6. Backwash feature for sand filter
7. Strong plastic casing - no corrosion
8. Bottom heater to prevent ice formation
9. Galvanized bottom plate for horizontal type
10. Horizontal air flow
11. Easy connection to water system
12. Rotary/Scroll compressor
13. Flow switch protection
14. High / low-pressure switch protection



Vertical Type

### Features:

1. Oversized coated energy collector (air coils) - higher COP
2. Titanium class A1 double-coil heat exchanger
3. Active auto-charged defrosting system - higher COP
4. Digital display
5. Waterproof display and control panel
6. Backwash feature for sand filter
7. Strong Galvanized casing - no corrosion
8. Bottom heater to prevent ice formation
9. Vertical air flow
10. Easy connection to water system
11. Scroll compressor
12. Flow switch protection
13. High / low-pressure switch protection



Code		PC6	PC8	PC10	PC13	PC15P3	PC17	PC20	PC20P3	PC25P3	PC30P3	PC35P3	
Measuring conditions A29 °C W26	Heating Capacity	KW	6	8	10	13	15	17	20	20	25	30	35
	COP	KW/KW	5.6	5.8	5.8	5.8	5.9	5.9	5.8	6.1	6	6	5.8
Input Power	KW	1.07	1.37	1.72	2.24	2.54	2.88	3.4	3.3	4.2	5.0	6.0	
Running Current	A	4.5	5.0	7.3	8.2	3.7	11.4	15.9	5.2	7.1	8.4	10.1	
Power Supply	V/PH/Hz	220-240V/1PH/50HZ	220-240V/1PH/50HZ	220-240V/1PH/50HZ	220-240V/1PH/50HZ	380-400V/3PH/50HZ	220-240V/1PH/50HZ	220-240V/1PH/50HZ	220-240V/1PH/50HZ	380-400V/3PH/50HZ	380-400V/3PH/50HZ	380-400V/3PH/50HZ	
Controller		LED/LCD											
Heat exchanger		Titanium Coil											
Quantity of Compressor		1	1	1	1	1	1	1	1	1	1	1	
Compressor		Rotary						Scroll					
Quantity of Fan		1	1	1	1	1	1	1	1	1	2	2	
Input Power of Fan	W	60	60	80	100	100	110	110	110	220	440	550	
Fan Speed	RPM	910	910	890	890	890	850	850	850	850	850	850	
Noise (The highest value)	dB(A)	50	50	53	54	54	56	56	56	56	57	57	
Water Connection	inch	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	
Water Flow Rate (min)	m3/h	1.3	1.6	2.2	2.7	3.6	4.0	4.9	4.9	6.0	7.5	13	
Water Pressure Drop	kpa	10	10	10	12	12	14	14	14	16	16	30	
Net Dimension	L	mm	778	778	938	1015	1015	1080	1080	1078	1078	1078	
	W	mm	293	293	360	370	370	416	416	416	416	416	
	H	mm	511	511	581	621	621	708	708	708	958	1258	
Packing Dimension	L	mm	880	880	1060	1140	1150	1160	1160	1160	1160	1160	
	W	mm	340	340	390	410	410	460	460	460	490	490	
	H	mm	550	550	620	660	660	840	840	840	1100	1390	
Weight	Net Weight	kg	33	35	48	55	60	68	92	90	99	117	
	Gross Weight	kg	38	39	56	62	67	80	105	103	114	135	

Function : Heating & cooling With reversible defrosting

Code		P8	P10	P15	P21	P25P3	P30P3	P40UP3	P45UP3	P55UP3	P90UP3	P135UP3	
Measuring conditions A24°C W26°C	Heating Capacity	KW	8.7	9.8	14.2	23.2	25.3	31.4	40.5	45.4	64.6	134.7	
	COP	KW/KW	5.6	5.7	5.8	6.2	5.2	5.4	5.2	5.6	5.8	5.7	
Measuring conditions A15°C W26°C	Heating Capacity	KW	6.7	7.6	10.9	17.9	19.5	24.2	31.2	35.0	49.8	103.7	
	COP	KW/KW	4.3	4.4	4.5	4.8	4.0	4.2	4.0	4.3	4.5	4.4	
Input Power	KW	1.6	1.7	2.4	3.7	4.9	5.8	7.8	8.1	11.1	14.8	23.2	
Running Current	A	7.3	7.7	10.9	16.8	8.3	9.8	13.2	13.7	18.8	25.0	39.2	
Power Supply	V/PH/Hz	220-240V/1PH/50HZ					380-400V/3PH/50HZ						
Controller		LED/LCD											
Heat exchanger		Titanium Coil											
Number of Compressors		1	1	1	1	1	1	1	2	2	3	4	
Compressor		Rotary					Scroll						
Number of Fans		1	1	1	1	2	2	1	2	2	3	3	
Input Power of Fan	W	80	100	110	220	440	550	220	320	320	480	750	
Fan Speed	RPM	890	890	850	850	850	850	830	830	830	830	870	
Noise (The highest value)	dB(A)	53	54	56	56	57	57	59	60	60	62	65	
Water Connection	inch	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	1-1/2	2	2	2-1/2	3	
Water Flow Rate (min)	m3/h	2.2	2.7	4.0	6.0	7.5	13	15	17	20	35	50	
Water Pressure Drop	kpa	10	12	14	16	16	30	16	15	15	16	18	
Net Dimension	L	mm	938	1015	1080	1078	1078	660	1448	1448	2150	2000	
	W	mm	360	370	416	416	416	660	730	730	760	900	
	H	mm	581	621	708	958	1258	1258	960	1060	1060	1330	
Packing Dimension	L	mm	1060	1140	1150	1150	1150	700	1630	1630	2275	2150	
	W	mm	380	400	450	475	475	740	810	810	900	1020	
	H	mm	630	676	838	1088	1388	1110	1180	1180	1500	2080	
Weight	Net Weight	kg	48	55	68	99	117	120	234	254	265	660	
	Gross Weight	kg	56	62	80	114	134	136	270	283	290	712	

Function : Heating & cooling with reversible defrosting