

HEAT PUMP

air to water

A+++

R290

6-16
kW

2

3
2



blackstone

MONOBLOCK

Model			CPW06-Φ1-H8	CPW08-Φ1-H8	CPW12-Φ1-H8	CPW16-Φ1-H8	
Energy efficiency class - low temperature application (W35)			A+++/A+++	A+++/A+++	A+++/A+++	A+++/A+++	
SCOP, temperate climate zone, Hot water (+35°C/55°C)			5.00/3.84	5.30/3.99	5.39/4.00	5.17/3.87	
Seasonal heating energy efficiency (ηs,h)			%	197.1/150.7	209.0/156.7	212.4/152.1	203.7/151.6
Power supply			V/Hz/Ph	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Heating power (W35°C @ A7°C)			kW	6	8	12	16
C.O.P min./max.			W/W	4.43/5.15	4.30/5.26	4.13/5.12	4.02/5.03
Heating capacity min./max. (W35°C @ A7°C)			kW	3.4/8.5	4.1/11.0	6.3/17.0	7.8/22.0
Power supply min./max. (W35°C @ A7°C)			kW	0.66/1.92	0.78/2.56	1.23/4.12	1.55/5.47
Heating capacity (W45°C @ A7°C)			kW	6	8	12	16
C.O.P min./max.			W/W	3.59/4.17	3.48/4.26	3.33/4.38	3.30/4.13
Heating power min./max.			kW	3.2/8.0	3.9/10.3	6.1/16.5	7.3/20.6
Supply power min./max.			kW	0.77/2.23	0.90/3.46	1.40/4.97	1.77/6.24
Cooling capacity (W18°C @ A35°C)			kW	6	8	12	16
E.E.R min./max.			W/W	4.26/5.60	4.30/5.63	4.56/5.62	4.05/5.40
Cooling capacity min./max.			kW	3.3/8.0	4.5/10.8	7.9/17.0	9.5/20.5
Supply power min./max.			kW	0.59/1.88	0.80/2.51	1.40/3.72	1.76/5.06
Cooling capacity (W7°C @ A35°C)			kW	6	8	12	16
E.E.R min./max.			W/W	3.11/3.55	3.09/3.75	2.92/3.35	2.85/3.31
Cooling capacity min./max.			kW	2.2/6.0	3.3/8.0	5.0/13.2	6.4/16.5
Supply power min./max.			kW	0.62/1.93	0.88/2.59	1.49/4.52	1.93/5.79
Temperature range	Heating/Cooling	°C	(-25~43)	(-25~43)	(-25~43)	(-25~43)	
Maximum system temperature	Heating/Cooling	°C	75/25	75/25	75/25	75/25	
Minimum system temperature	Heating/Cooling	°C	25/5	25/5	25/5	25/5	
Compressor	Type	-	Twin rotary	Twin rotary	Twin rotary	Twin rotary	
Fan	Number	-	1	1	1	1	
	Flow	m³/h	3200	4200	5800	7000	
	Noise	W	80	80	200	200	
Heat exchanger	External	dB(A)	38	38	42	44	
Heat exchanger	Type	-	Пластинчат	Пластинчат	Пластинчат	Пластинчат	
	Pressure Drop	kPa	30	35	43	60	
	Pipe Connections	Inch	G1”	G1”	G1”	G1 1/4”	
Circulation pump	Type	-	DC Inverter	DC Inverter	DC Inverter	DC Inverter	
	Effort, max.	mH₂O	9	9	12	12	
	Flow - Min./Nom./Max.	l/s					
Overall dimensions / packaging WxDxH	Outdoor unit	mm	1200/465/791	1328/485/1065	1328/485/1065	1328/485/1065	
Refrigerant	Type / quantity	kg	R290/0.6	R290/0.9	R290/1.3	R290/1.7	
Net weight	Indoor / outdoor unit	kg	128/165	178/190	178/190	178/190	



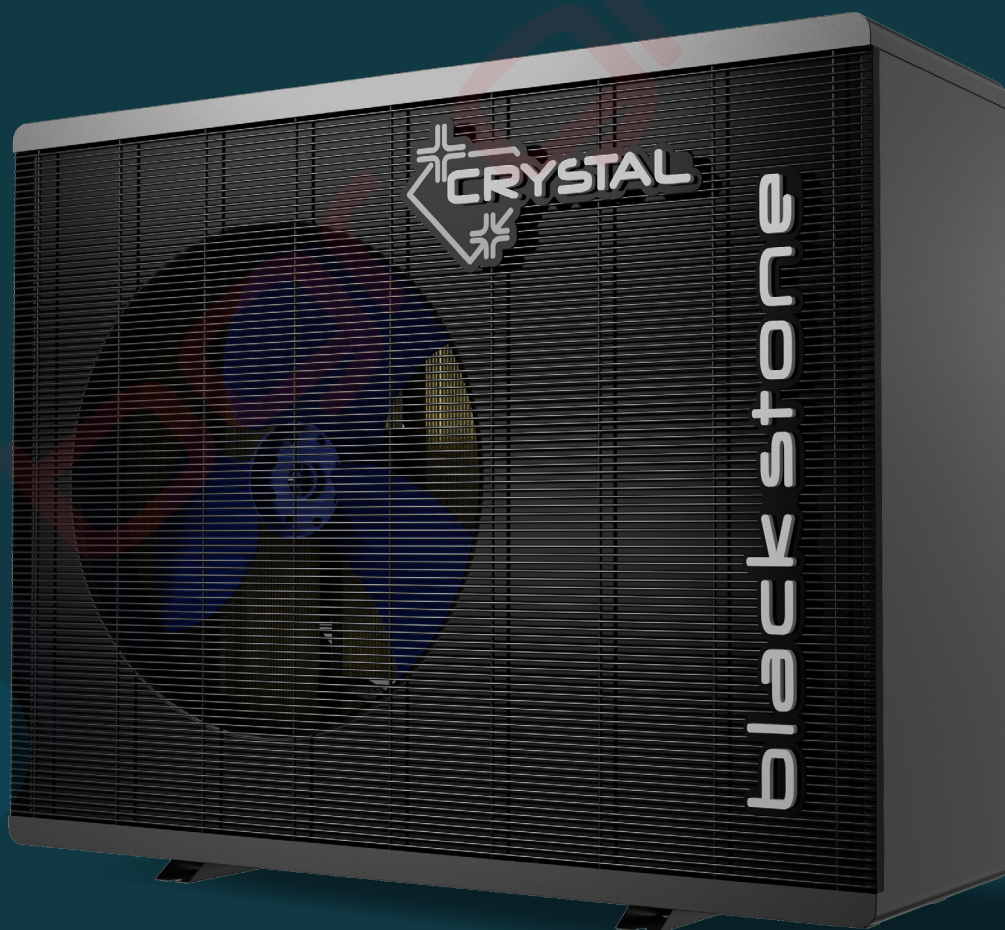
Model			CPW12-Φ3-H8	CPW16-Φ3-H8
Energy efficiency class - low temperature application (W35)			A+++ / A+++	A+++ / A+++
SCOP, temperate climate zone, Hot water (+35°C/55°C)			5.11/3.94	5.09/3.88
Seasonal heating energy efficiency (ηs,h)		%	201.5/154.8	200.6/152.2
Power supply		V/Hz/Ph	380-415/50/3	380-415/50/3
Heating power (W35°C @ A7°C)		kW	12	16
C.O.P min./max.		W/W	4.13/5.12	4.02/5.03
Heating capacity min./max. (W35°C @ A7°C)		kW	6.3/17.0	7.8/22.0
Power supply min./max. (W35°C @ A7°C)		kW	1.23/4.12	1.55/5.47
Heating capacity (W45°C @ A7°C)		kW	12	16
C.O.P min./max.		W/W	3.33/4.38	3.30/4.13
Heating power min./max.		kW	6.1/16.5	7.3/20.6
Supply power min./max.		kW	1.40/4.97	1.77/6.24
Cooling capacity (W18°C @ A35°C)		kW	12	16
E.E.R min./max.		W/W	4.56/5.62	4.05/5.40
Cooling capacity min./max.		kW	7.9/17.0	9.5/20.5
Supply power min./max.		kW	1.40/3.72	1.76/5.06
Cooling capacity (W7°C @ A35°C)		kW	12	16
E.E.R min./max.		W/W	2.92/3.35	2.85/3.31
Cooling capacity min./max.		kW	5.0/13.2	6.4/16.5
Supply power min./max.		kW	1.49/4.52	1.93/5.79
Temperature range	Heating/Cooling	°C	(-25~43)	(-25~43)
Maximum system temperature	Heating/Cooling	°C	75/25	75/25
Minimum system temperature	Heating/Cooling	°C	25/5	25/5
Compressor	Type	-	Twin rotary	Twin rotary
Fan	Number	-	1	1
	Flow	m³/h	5000	6300
	Noise	W	150	150
Heat exchanger	External	dB(A)	40	41
Heat exchanger	Type	-	Пластинчат	Пластинчат
	Pressure Drop	kPa	43	60
	Pipe Connections	Inch	G1"	G1 1/4"
Circulation pump	Type	-	DC Inverter	DC Inverter
	Effort, max.	mH₂O	12	12
	Flow - Min./Nom./Max.	l/s		
Overall dimensions / packaging WxDxH	Outdoor unit	mm	1328/485/1065	1328/485/1065
Refrigerant	Type / quantity	kg	R290/1.3	R290/1.7
Net weight	Indoor / outdoor unit	kg	178/190	178/190





ТЕРМОПОМПА

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