Unit Model	Unit	CHP205DCsiPX32
		205kw px
Heating capacity (AIR 28c, WATER 28c)	kW	20-4.6
Power consumption	kW	3.28-0.29
C.O.P.		16-6.1
Heating capacity (AIR 15c, WATER 26c)	kW	15-3.9
Power consumption	kW	3.19-0.49
C.O.P.		8-4.7
Heating capacity (AIR 0c, WATER 26c)	kW	9.4-2.0
Power consumption	kW	2.61-0.34
C.O.P.		5.8-3.6
Heating capacity (AIR -5c, WATER 26c)	kW	8.2-1.9
Power consumption	kW	2.65-0.32
C.O.P.		6-3.1
Cooling capacity (AIR 30c, WATER 26c)	kW	10.5-2.5
Power consumption	kW	3.09-0.51
EER		4.9-3.6
Rated current	A	14.9
Minimum fuse	A	23
Minimum MCB size	A	25
Max Power input (Kw)	Kw	4.26
Power Supply	V/P/Hz	220-240V/50Hz or 60Hz/1PH
Connecting Mains cable tolerences/specifications (note Volt Drop)	mm2	4mm3
Compressor Qty	#	1
Compressor Style	inverter	Inverter
Compressor brand		Mitsubishi
Heat Exchanger material	titanium, steel	Twist-titanium tube in PVC
Heat Exchanger outer casing material	pvc/steel	pvc
Heat Exchanger all one piece or welded throughout?	yes/no	One piece
Minimum & Optium Water Flow Volume	m3/h	6.5
MaximumWater Flow Volume	m3/h	13
Advised water flux	m3/h	9
Fan Quantity	#	1
Fan Input	W	35-130
Fan Rotate Speed	RPM	450-650
Air Flow volume	m3/h	4600
Fan Air Flow Direction	vertical/horizontal	horizontal
Refrigerant	R32/R410A	R37
Refrigerant filling quantities	Grams	1500
Noise level(10m)	dB(A)	≤ 32
Noise level(1m)	dB(A)	35-50
Outer casing construction material	ABS/Aluminium	Aluminium body with ABS top cover
Net Unit Size (L/W/H)	mm	1040*355*895
Carton Size (L/W/H)	mm	1095*405*1025
Net/Gross Weight	kg	117/135
Working temperature range	Degree c	-20c to 43c
LCD operating set Temperatures	Degree c	Under heating and auto mode, 6-41c.Under cooling mode,6-35c.
Unit Fault Diagnostic by remote wi-fi option	yes/no	yes
LCD control panel Auto switching heating/cooling	yes/no	yes
Water flow switch	yes/no	yes
Lowpressure protection system:	yes/no	yes
Highpressure protection system:	yes/no	yes
Automatic defrost system:	yes/no	yes
Is there a clock and operating timer function on the LCD	yes/no	yes
Water Connection	mm	48/50
Compressor heater factory fitted option		standard
ACTIVE DEFROST		standard
Unit Model	**Unit**	*205kw px*
Advised pool volume Based on ambient air Temp of @ 27 (with insulated pool cover)	m3	54-118
Advised pond volume Based on ambient air Temp of @ 27 (with insulated cover)	m3	54-118
Advised pond volume Based on ambient air Temp of @ 27 (with insulated cover)	UK Gallons	11,850-25,900
Advised pond volume Based on ambient air Temp of @ 15 (with insulated cover) (1/2)	m3	27-59
Advised pond volume Based on ambient air Temp of @ 15 (with insulated cover) (1/2)	UK Gallons	5925-12,900
Advised pond volume Based on ambient air Temp of @ 0 (with insulated cover)(1/3) to achieve a pond temp of 10-12 degrees.	m3	18-39
Advised pond volume Based on ambient air Temp of @ 0 (with insulated cover)(1/3) to achieve a pond temp of 10-12 degrees.	UK Gallons	3950-8625
Advised pond volume Based on ambient air Temp of @ -15 (with insulated cover)(1/4) to achieve a pond temp of 10-12 degrees.	m3	13.5-29.5
Advised pond volume Based on ambient air Temp of @ -15 (with insulated cover)(1/4) to achieve a pond temp of 10-12 degrees.	UK Gallons	2950-6450
Please bear in mind that sizing a heat pump is not an exact science. The Water volumes are meant as a guide only. Every "body" of water behaves differently due to outside factors like ambient working conditions, insulation levels, surface area, depth of water etc.		