Unit Model	Unit	CHP115DCsiPX32
		11.5kw px
Heating capacity (AIR 28c, WATER 28c)	kW	11.5-2.9
Power consumption	kW	1.83-0.18
C.O.P.		16-6.3
Heating capacity (AIR 15c, WATER 26c)	kW	8.2-2.3
Power consumption	kW	1.74-0.29
C.O.P.		8-4.7
Heating capacity (AIR 0c, WATER 26c)	kW	5.21-2.15
Power consumption	kW	1.45-0.47
C.O.P.		4.6-3.6
Heating capacity (AIR -5c, WATER 26c)	kW	4.9-1.64
Power consumption	kW	1.4-0.37
C.O.P.		4.4-3.5
Cooling capacity (AIR 30c, WATER 26c)	kW	6.0-1.57
Power consumption	kW	1.75-0.32
EER		4.9-3.42
Rated current	A	8.2
Minimum fuse	A	13
Minimum MCB size	A	16
Max Power input (Kw)	Kw	2.38
Power Supply	V/P/Hz	220-240V/50Hz or 60Hz/1PH
Connecting Mains cable tolerences/specifications (note Volt Drop)	mm2	2.5mm3
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	3.5
MaximumWater Flow Volume	m3/h	7
Advised water flux	m3/h	5
Fan Quantity	#	1
Fan Input	W	32-110
Fan Rotate Speed	RPM	550-850
Air Flow volume	m3/h	4200
Fan Air Flow Direction	vertical/horizontal	horizontal
Refrigerant	R32/R410A	R34
Refrigerant filling quantities	Grams	550
Noise level(10m)	dB(A)	≤ 27
Noise level(1m)	dB(A)	33-46
Outer casing construction material	galvanised steel/abs/aluminium	Aluminium body with ABS top cover
Net Unit Size (L/W/H)	mm	986*352*672
Carton Size (L/W/H)	mm	1073*402*805
Net/Gross Weight	kg	73/78
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**	*11.5kw px*
Advised pool volume Based on ambient air Temp of @ 27 (with insulated pool cover)	m3	14-52
Advised pond volume Based on ambient air Temp of @ 27 (with insulated cover)	m3	14-52
Advised pond volume Based on ambient air Temp of @ 27 (with insulated cover)	UK Gallons	3000-11,400
Advised pond volume Based on ambient air Temp of @ 15 (with insulated cover) (1/2)	m3	7-26
Advised pond volume Based on ambient air Temp of @ 15 (with insulated cover) (1/2)	UK Gallons	1500-5700
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	4.5-17
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	1000-3800
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	3.5-13
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	750-2850
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.		