

Unit Model	Unit	CHP255DCsiPX32
		25.5kw px
Heating capacity (AIR 28c, WATER 28c)	kW	25.5-5.9
Power consumption	kW	4.18-0.37
C.O.P.		16-6.1
Heating capacity (AIR 15c, WATER 26c)	kW	19-4.8
Power consumption	kW	4.04-0.6
C.O.P.		8-4.7
Heating capacity (AIR 0c, WATER 26c)	kW	12.5-3.6
Power consumption	kW	3.40-0.61
C.O.P.		5.8-3.7
Heating capacity (AIR -5c, WATER 26c)	kW	11-3.5
Power consumption	kW	3.57-0.59
C.O.P.		6-3.1
Cooling capacity (AIR 30c, WATER 26c)	kW	13-4.4
Power consumption	kW	3.72-0.92
EER		4.8-3.5
Rated current	A	18.6
Minimum fuse	A	28
Minimum MCB size	A	30
Max Power input (Kw)	Kw	5.43
Power Supply	V/P/Hz	220-240V/50Hz or 60Hz/1PH
Connecting Mains cable tolerances/specifications (note Volt Drop)	mm2	4mm4
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	8.0
MaximumWater Flow Volume	m3/h	16
Advised water flux	m3/h	11
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	R38
Refrigerant filling quantities	Grams	1950
Noise level(10m)	dB(A)	≤ 32
Noise level(1m)	dB(A)	35-50
Outer casing construction material	galvanised steel/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	128/146
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
<b>Unit Model</b>	<b>Unit</b>	<b>25.5kw px</b>
Advised pool volume Based on ambient air Temp of @ 27 (with insulated pool cover)	m3	63-132
Advised pond volume Based on ambient air Temp of @ 27 (with insulated cover)	m3	63-132
Advised pond volume Based on ambient air Temp of @ 27 (with insulated cover)	UK Gallons	13,800-29,000
Advised pond volume Based on ambient air Temp of @ 15 (with insulated cover) (1/2)	m3	31.5-66
Advised pond volume Based on ambient air Temp of @ 15 (with insulated cover) (1/2)	UK Gallons	6900-14,500
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	21-44
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	4600-9650
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	15-33
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	3450-7250
**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.**		