

**TECHNICAL REPORT**



Project name			
Submitted by		Date	
Customer		Quantity	1
<b>OVERVIEW</b>			
System Type	Water-Cooled Self-Contained Uni	Refrigerant	R410A
Series	WCPSC	Power supply	460V/3/60HZ
Unit nomenclature		WCPSC035VCOAR	
Altitude	n/a	ft	Approval
		ETL	
<b>FILTER</b>			
Type	2" MERV8, 4" MERV14		
Size (Qty)	20x24x2(2), 24x24x2(4)		
<b>DX COOLING COIL</b>			
Type	Ø3/8	Number of coil	1
Rows	6	Face area	n/a ft <sup>2</sup>
Fins per inch	12	Face velocity	n/a ft/min
Refrigerant	R410A	Entering air (DB)	n/a °F
Capacity (Total)	n/a Btu/h	Entering air (WB)	n/a °F
Capacity (Sensible)	n/a Btu/h	Leaving air (DB)	n/a °F
Air pressure drop	n/a inH2O	Leaving air (WB)	n/a °F
<b>HOT GAS REHEAT COIL</b>			
Type	Ø 3/8	Number of coil	1
Rows	2	Face area	n/a ft <sup>2</sup>
Fins per inch	12	Face velocity	n/a ft/min
Refrigerant	R410A	Entering air (DB)	n/a °F
Capacity (Total)	n/a Btu/h	Leaving air (DB)	n/a °F
Air pressure drop	n/a inH2O		
<b>COMPRESSOR (OR EQUIVALENT MODELS)</b>			
Compressor	VZH117AG (100%), SH184		
Type	Scroll, Variable Speed	Quantity	2
Total LRA	-, 1x197 A	Total Power	n/a kW
		Total Amps	n/a A
<b>FAN EC (EVAPORATOR)</b>			
Type	EC Fan	Model	K3G500
Air Flow	n/a CFM	Fan Speed	n/a RPM
External Static Pressure	n/a inH2O	Absorbed Power	n/a kW
Total Static Pressure	n/a inH2O	Motor Horsepower	15 HP
Quantity	2	FLA	17.3 A
		Locked rotor current (LRA)	n/a A
<b>FAN (RETURN)</b>			
Type	Direct Driven	Model	BNB-Q560/DIIM (II)
Air Flow	n/a CFM	Fan Speed	n/a RPM
External Static Pressure	n/a inH2O	Absorbed Power	n/a kW
Total Static Pressure	n/a inH2O	Motor Horsepower / Poles Nr.	n/a / n/a n/a
Quantity	2	FLA	n/a A
		Locked rotor current (LRA)	n/a A
<b>CONDENSER (WATER COOLED)</b>			
Type	8"D x 40"L x 48H (2)	Fluid	Modello
		Entering fluid temp	n/a °F
		Leaving fluid temp	n/a °F
Quantity	1	Flow Rate	n/a Gal/mi
		Fluid pressure drops	n/a psi
<b>ELECTRICAL SUMMARY</b>			
Unit FLA	64.3 A	MCA	70 A
Total Power Input	n/a kW	MFS	n/a A
EER	n/a	IEER	22.9
<b>NOTES</b>			
Manufacturer reserves the right to change specifications without prior notice.			
IEER (estimated as per AHRI 340/360 Standard Conditions)			