



A JOHNSON CONTROLS COMPANY

# Air Cooled Screw Chiller FACTORY ORDER FORM

Project Name <b>SBISD MEMORIAL HS UPGRADES</b>	MLP Effective Date <b>Dec. 3, 2010</b>	Contract-Order No. <b>1E510116-005</b>	Order Rev. No.
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Unit Tag <b>CH-1,2 YVAA</b>	Model No. <b>YVAA0183AOV46</b>	Capacity (Tons) <b>180.0</b>	Refrigerant <b>R134a</b>
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Pin: **YVAA0183AOV46AA VBXX XTAXLXXXXXXXX 45XOSXX V197X 1SXSA2B MXV 3XNXX XXXX H5SX**

BASE MODEL	POWER	CONTROLS	PIPING	COMP	EVAPORATOR	COND	CABINET	MISC	WARR			
5	10	15	20	25	30	35	40	45	50	55	60	65

	EWT (°F)	LWT (°F)	Flow (gpm)	PD (ft.)	Fluid (%)	FF	MBH	Power (V/Ph/Hz) <b>460/3/60</b>	Total kW <b>222.7</b>
Evap.	55.0	45.0	431.5	11.9	Water	0.00010	-----	Total Amps <b>0.0</b>	

Cond. Ambient Temp (°F) <b>100.0</b>	Altitude (ft. above sea level) <b>0</b>	Type Starter <b>VSD</b>	Shipping Weight (lbs.) <b>12019</b>
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Isolator Weights (lbs) (if selected)										
	1	2	3	4	5	6	7	8	9	10
L	704	1654	1084	1084	1729					
R	711	1659	1088	1088	1660					

Isolator Mounting Locations (inches)										
	1	2	3	4	5	6	7	8	9	10
L	(10.2,86.8)	(76.4,86.8)	(124.0,86.8)	(162.7,86.8)	(209.5,86.8)					
R	(10.2,1.3)	(76.4,1.3)	(124.0,1.3)	(162.7,1.3)	(209.5,1.3)					

Line #	Equipment Description	Qty.	\$MLP
01A-01	Base Unit/Access. - YVAA0183AOV46AA (3901)		
	High Efficiency Air Cooled VSD Screw Chiller	2	
	R-134a Refrigerant (Fully Charged)	2	STD
	Voltage Code - (460/3/60)	2	STD
	SP Circuit Breaker w/Lockable Handle	2	
	Control Transformer	2	STD
	BAS/EMS Temperature Reset/Offset	2	STD
	N American Safety Code (cUL/cETL)	2	STD
	Service Isolation Valve (Suction)	2	
	Optimized Part Load (IPLV) Efficiency	2	
	One Flow Switch per Chiller (150 psig Evaporator)	2	
	ASME Pressure Vessel & Associated Codes	2	STD
	Evaporator Inlet Connection at Rear (opposite control panel end)	2	STD
	Wire / Louvered Enclosure Panels	2	



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Line #	Equipment Description	Qty.	\$MLP
01A-01	Base Unit/Access. - YVAA0183AOV46AA (3901) - cont'd		
	Low Sound Fans with Variable Speed Control	2	[REDACTED]
	Vibration Isolators - Elastomeric (Neoprene)	2	[REDACTED]
	Shipped on Truck From Monterrey to Customer - W/Bag	2	STD
02	Warranty - 66 Months Parts & Labor (5 year) (entire unit) 66 Months Parts & Labor (5 year) (entire unit)	2	[REDACTED]
03	Warranty - 66 Months Refrigerant Add (R134a) 66 Months Refrigerant Add (R134a)	2	[REDACTED]
04	Connectivity - BACnet Jobsite is 0-75 miles from the office Installation Year: 2011 Material and Labor Gateway for 2 BACnet (MS/IP) E-Link Non-OptiView Chiller Panel		[REDACTED]
05	Start up/PCAT - Region: Central (TX Only) in 2011 Startup [3 day(s)] to occur during 2011 in Region: Central (TX Only)		[REDACTED]