



Technical Data Sheet

Code **GEAG0S35AA-HX-ASE**

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PRODUCT SPECIFICATIONS

4/1/15

date

draft

revision

9/13/16

issue

Model **MAXIMA 55 HX**

Description	High Efficiency unit		
Arrangement	Silenced		
Series	4000	STANDARD PRODUCT	
Air End frame	M 170		
Version	n.a.		
OIL cooling medium	Air		
AIR cooling medium	Air		
Modulation	Yes		
Decompression	Yes		
Receiver	n.a.		
Inlet nominal pressure	ISO 1217	psi (a)	14.5
Inlet nominal temperature	ISO 1217	°F	68
Relative humidity	ISO 1217	%	0
Motor nominal speed	ISO 1217	rpm	1200
Nominal working pressure		psi (g)	145 (HX)
Maximum working pressure		psi (g)	145 (HX)
Nominal delivery	(1)	cfm	366.0
Terminals absorbed power	(2) (6)	kW	77.32
Terminals unload absorbed power		Kw	19.00
Noise level (max)	ISO 2151 - @1 mt	dBA	69
Oil carry over		ppm	3
Total heat recovery (up to ...)		%	95
Oil circuit capacity		gallons	13.5

PERFORMANCES

psi (g)	72.5		87		102		116		131		145		160		174	
	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW	cfm	kW
	379.3	60.66	376.5	63.72	373.6	66.75	371.2	71.12	368.7	75.58	366.2	79.06	-	-	-	-

ELECTRICAL CHARACTERISTICS

Electric certification	-		CEI				
Starting type	-		Star-Delta				
Voltage -- Frequency -- Phases	V / Hz / Ph		208/60/3	230/60/3	460/60/3	575/60/3	
Auxiliary circuit tension	V		-	-	110	110	
Nominal absorbed current	(6)		A	-	-	114.1	91.3
Minimum supply cables section (33 ft.)	-		AWG	-	-	2	3
Nominal power input	-		kW / HP	55 / 75			
Efficiency class	-		IE3				
Efficiency	-		94.5				
Poles	-		6				
Protection index	-		IP 55				
Insulation class	-		F				

COOLING

Maximum ambient temperature	°F		104			
Minimum ambient temperature	°F		34			
Outlet AIR temperature	(5)		°F		< 88	
OIL maximum temperature	°F		248			
OIL minimum temperature	°F		176			
Fan type	-		Centrifugal			
Cooling AIR flow (minimum)	(3)		cfm		-	
Cooling AIR flow (maximum)	(4)		cfm		11301	
Heat Removal Oil and Aftercooler	(4)		Btu/hr		263893	
Fan residual head (minimum)	(3)		Pa		20	
Fan residual head (maximum)	(4)		Pa		50	
Fan absorbed power (minimum)	(3)		kW		2.67	
Fan absorbed power (maximum)	(4)		kW		3.40	
WATER flow	-		gpm		-	
Water INLET temperature	°F		-			
Water OUTLET maximum temperature	°F		-			
Water minimum suggested pressure	-		psi (g)		-	
Thermal recoverable power	-		Kcal		-	

DRYER

Refrigerant gas	-		-			
Dew point (pressure)	°F		-			
Absorbed power	-		kW			
Regeneration air percentage	-		%			
Supply: Voltage - frequency - phases	-		V / Hz / Ph		-	

DIMENSIONS

AIR outlet connection	-		Rp 2"			
Condensate separator drain connection	-		Rp 2"			
Condensate drain connection	-		-			
Condensate DRYER drain connection	-		-			
Receiver condensate drain connection	-		-			
INLET-OUTLET water connections	-		-			
Storage AIR receiver volume	-		gallons		n.a.	
Width	-		inch		49	
Length	-		inch		95	
Height	-		inch		75	
Weight	-		lbs		3880	

NOTES

- (1) - According to ISO 1217 - Annex C (fixed speed) & Annex E (variable speed)
- (2) - Fan included (@ first speed if available) - Dryer input power excluded
- (3) - Fan @ lower speed (OPTIMA @ min speed)
- (4) - Fan @ faster speed (Optima : fan @50Hz)
- (5) - @ reference conditions
- (6) - OPTIMA @ 1500 rpm and 102 psi