



Technical Data Sheet

Code **GEAE2Z350A-HX-ASE**

Ing. Enea Mattei S.p.A.

PRODUCT SPECIFICATIONS

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Model **MAXIMA 75 HX**

Description	High Efficiency unit		
Arrangement	Silenced		
Series	4000	STANDARD PRODUCT	
Air End frame	M 195		
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	514.0
Terminals absorbed power	(2) (6)	kW	108.34
Terminals unload absorbed power		Kw	26.50
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
	532.5	84.78	528.65	89.05	524.77	93.29	521.23	99.40	517.35	105.66	514.00	108.34	-	-	-	-

ELECTRICAL CHARACTERISTICS

Electric certification					UL/CSA			
Starting type					SOFT STARTER			
Voltage -- Frequency -- Phases					V / Hz / Ph			
Auxiliary circuit tension					208/60/3 230/60/3 460/60/3 575/60/3			
Nominal absorbed current	(6)				A			
Minimum supply cables section (33 ft.)					AWG			
Nominal power input					kW / HP			
Efficiency class					IE3			
Efficiency					95.0			
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		Axial
Cooling AIR flow (minimum)	(3) cfm	9888
Cooling AIR flow (maximum)	(4) cfm	11301
Heat Removal Oil and Aftercooler	(4) Btu/hr	369764
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	5049

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