

		Technical Data Sheet				Code											
						GEABJS35AA-ASE											
Ing. Enea Mattei S.p.A.		PRODUCT SPECIFICATIONS				7/17/15		date									
						draft		revision									
						1/28/15		issue									
Model					AC 15 HX												
Description					Air Centre unit												
Arrangement					Silenced												
Series					1000 STANDARD PRODUCT												
Air End frame					M 111												
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	1800										
Nominal working pressure						psi (g)	137 (HX)										
Maximum working pressure						psi (g)	145										
Nominal delivery					(1)	cfm	91.8										
Terminals absorbed power					(2) (6)	kW	21.90										
Terminals unload absorbed power						Kw	5.60										
Noise level (max)					ISO 2151 - @1 mt	dBA	69										
Oil carry over						ppm	3										
Total heat recovery (up to ...)						%	95										
Oil circuit capacity						gallons	3										
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	
	-	-	95.0	17.56	94.3	18.96	93.6	20.28	92.9	21.50	-	-	-	-	-	-	
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		110		110	
Nominal absorbed current					(6)					A		75.2		68.0		34.0	
Minimum supply cables section (33 ft.)										AWG		4		4		10	
MAIN MOTOR																	
Nominal power input					kW / HP					15 / 20							
Efficiency class										IE3							
Efficiency										92.6							
Poles										4							
Protection index										IP 55							
Insulation class										F							
COOLING																	
Maximum ambient temperature					°F					104							
Minimum ambient temperature					°F					34							
Outlet AIR temperature					(5)					°F							
OIL maximum temperature										°F							
OIL minimum temperature										°F							
Fan type										Axial							
Cooling AIR flow (minimum)					(3)					cfm							
Cooling AIR flow (maximum)					(4)					cfm							
Heat Removal Oil and Aftercooler					(4)					Btu/hr							
Fan residual head (minimum)					(3)					Pa							
Fan residual head (maximum)					(4)					Pa							
Fan absorbed power (minimum)					(3)					kW							
Fan absorbed power (maximum)					(4)					kW							
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 1"							
Condensate separator drain connection										Rp 1"							
Condensate drain connection										10 mm (MASCHIO / male)							
Condensate DRYER drain connection										-							
Receiver condensate drain connection										-							
INLET-OUTLET water connections										-							
Storage AIR receiver volume					gallons					n.a.							
Width					inch					31							
Length					inch					59							
Height					inch					47							
Weight					lbs					1014							
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																	