

		Technical Data Sheet		Code												
				GEAEVS350A-ASE												
Ing. Enea Mattei S.p.A.		PRODUCT SPECIFICATIONS		6/11/15												
				date												
				draft												
				1/28/15												
				revision												
				issue												
Model				AC 22 HHX												
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)	181 (HHX)												
Maximum working pressure			psi (g)	188												
Nominal delivery		(1)	cfm	109.0												
Terminals absorbed power		(2) (6)	kW	29.16												
Terminals unload absorbed power			Kw	6.00												
Noise level (max)		ISO 2151 - @1 mt	dBA	69												
Oil carry over			ppm	3												
Total heat recovery (up to ...)			%	95												
Oil circuit capacity			gallons	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
	-	-	-	-	-	-	112.1	24.24	111.4	25.68	110.7	26.93	110.2	28.00	109.7	28.83
ELECTRICAL CHARACTERISTICS																
Electric certification				-												
Starting type				-												
Voltage -- Frequency -- Phases				V / Hz / Ph												
Auxiliary circuit tension				V												
Nominal absorbed current				(6)												
Minimum supply cables section (33 ft.)				AWG												
MAIN MOTOR																
Nominal power input				kW / HP												
Efficiency class				-												
Efficiency				%												
Poles				-												
Protection index				IP												
Insulation class				-												
COOLING																
Maximum ambient temperature				°F												
Minimum ambient temperature				°F												
Outlet AIR temperature				(5)												
OIL maximum temperature				°F												
OIL minimum temperature				°F												
Fan type				-												
Cooling AIR flow (minimum)				(3)												
Cooling AIR flow (maximum)				(4)												
Heat Removal Oil and Aftercooler				(4)												
Fan residual head (minimum)				(3)												
Fan residual head (maximum)				(4)												
Fan absorbed power (minimum)				(3)												
Fan absorbed power (maximum)				(4)												
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				-												
Condensate separator drain connection				-												
Condensate drain connection				-												
Condensate DRYER drain connection				-												
Receiver condensate drain connection				-												
INLET-OUTLET water connections				-												
Storage AIR receiver volume				gallons												
Width				inch												
Length				inch												
Height				inch												
Weight				lbs												
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																