

XAHS950CD AIR COMPRESSOR

950CFM DIESEL AIR COMPRESSOR PORTABLE (10BAR)

Technical Data - Imperial

		XAVS 900	XAHS 950	XATS 1050	XAMS 1150
Normal effective working pressure	psi	203	174	149	124.7
Absolute inlet pressure	psi	14.5	14.5	14.5	14.5
Relative air humidity	%	0	0	0	0
Air inlet temperature	°F	68	68	68	68
Minimum effective receiver pressure	psi	58	58	58	58
Maximum effective receiver pressure (Unloaded)	psi	194	194	170	145
Actual free air delivery	cfm	860	938	1020	1102
Fuel consumption					
at 100% FAD (full load)	lb/h	101.03	100.35	101.11	100.67
at 75% FAD	lb/h	79.85	79.10	79.44	78.69
at 50% FAD	lb/h	69.70	68.80	68.84	67.92
at 25% FAD	lb/h	63.09	62.66	62.74	61.98
Specific fuel consumption at 100% FAD	lb/1000cu ft	1.93	1.93	1.93	1.93
Maximum typical oil content of compressed air	oz/1000cu ft	< 0.003	< 0.003	< 0.003	< 0.003
Max. sound pressure level (Lw @ 2000/14/EC)	dB(A)	104	104	104	104
Max. sound pressure level (Lp @ ISO 2151)	dB(A)	76	76	76	76
Compressed air temperature at outlet valve	°F	194	194	194	194
Max. ambient temperature at sea level with aftercooler	°F	122	122	122	122
Min. starting temperature with cold weather equipment	°F	-13	-13	-13	-13
Min. starting temperature without cold weather equipment	°F	14	14	14	14
Number of compression stages		1	1	1	1
Engine		Caterpillar			
Type		C9 ATAAC			
Coolant		Liquid			
Number of cylinders		6			
Bore	in	4.41			
Stroke	in	5.87			
Swept volume	cu in	537.58			
Engine power at normal shaft speed @ SAE J 1995	BHP	300			
Full Load	rpm	1800			
Unload	rpm	1300			
Capacity of oil sump	us gallon	8.98			
Capacity of cooling system	us gallon	14.27			
Capacity of compressor oil system	us gallon	15.85			
Net capacity of air receiver	us gallon	24.31			
Air volume at inlet grating (approx.)	cu ft/s	463			
Capacity of standard fuel tanks	us gallon	153			
Dimensions: Box unit (L x W x H)	in	159.5 x 84.6 x 94.8			
Weight - Wet	lb	11133.3			
Transport Dimensions: Undercarriage (L x W x H)	in	192.9 x 84.6 x 98.4			
Weight - Wet	lb	11684.5			