

**⚠ Danger:** Compressed air should never be supplied as breathing air. Chicago Pneumatic assumes no responsibility or liability related to the purchaser's/user's breathing system. The information contained herein is general in nature and is not intended for specific construction, installation or application purposes.

## CPS 1800 JD8 T4F CW

### STANDARD CONFIGURATION:

- 110% Spill Free Containment, with remote drains
- Cold Climate Package; Synthetic compressor oil and coolant heater
- John Deere 6135HFC09 525hp Tier 4 Final engine
- Variable pressure and flow capabilities are standard (See operating chart in sales leaflet)
- CP XC4003 controller; Operational monitoring, diagnostics and safety warning/shutdowns such as high engine temp and low fuel
- DOT towing package; Road lights (7 flat pin RV plug), Adjustable 3" pintle towing hitch, 17.5" wheels and torsion axle, VIN, Adjustable jockey wheel, Hydraulic brakes.



		CPS 1800 JD8 T4F CW		
		8972 4227 51 CW		8972 4227 52 PFF*
Normal effective working pressure (pre-set 200 psig and 150 psig)	psi	100	150	200
Actual free air delivery <sup>1</sup> (FAD) at pre-set pressure setting	cfm	1,800	1,700	1,400
Maximum effective receiver pressure (compressor unloaded)	psi		261	
Minimum working pressure	psi		58	
Max. sound pressure level @ 23' (7m) at normal working speed & pressure <sup>2</sup>	dB(A)		76	
Compression Stages			1	
Air Receiver Capacity	Gal (L)		37.8 (143)	
Compressor oil capacity	Gal (L)		30 (113.6)	
Approximate air outlet temperature (without / with aftercooler)	°F (°C)		180 (82) / 100 (38)	
Air Compressor outlets			2 x 2" NPT (1 x normal air, 1 x after-cooled air)	
Max. ambient temperature (at sea level) <sup>3</sup>	°F (°C)		120 (49)	
Maximum altitude	ft (m)		10,000 (3048)	
Minimum starting temperature (without cold weather options)	°F (°C)		14 (-10)	
Minimum starting temperature (with cold weather options)	°F (°C)		-4 (-20)	
Maximum Altitude	ft		10,000	
<b>Engine</b>				
Model			John Deere 6135HFC09	
Emissions Regulation	US EPA Tier		T4F	
US EPA Engine Family			JDXL13.5310	
Output @ rated speed (2100 rpm)	hp		525	
Number of cylinders			6	
Aspiration			Turbocharged	
Displacement	cu in (L)		824 (13.5)	
Engine speed (Unloaded)	rpm		1,300	
Engine speed (Maximum loaded)	rpm	2,100	1,950	1,670
Engine oil capacity	Gal (L)		14.2 (53.7)	
Engine oil required			Low Ash Oil per API CJ-4, ACEA C9	
Engine coolant capacity	Gal (L)		25 (94.6)	
Fuel tank capacity	Gal (L)		240 (908)	
Fuel consumption at 0% loaded idle	Gal/hr (L/hr)	9.3 (35.2)	10.2 (38.5)	14.4 (54.5)
Fuel consumption at 25% load	Gal/hr (L/hr)	10.2 (38.6)	11.9 (45.0)	13.6 (51.5)
Fuel consumption at 50% load	Gal/hr (L/hr)	12.7 (48.1)	13.6 (51.5)	16.1 (60.9)
Fuel consumption at 75% load	Gal/hr (L/hr)	15.2 (57.5)	17.8 (67.4)	16.1 (60.9)
Fuel consumption at 100% load	Gal/hr (L/hr)	22.0 (83.3)	22.9 (86.7)	21.2 (80.3)
DEF tank capacity	Gal (L)		12.5 (47.3)	
DEF consumption at 100% load (100 psig operation)	Gal/hr (L/hr)		0.37 (1.4)	
Battery Capacity (Cold Cranking Amps <sup>4</sup> )	A		2 each 1100	