

Factory Calibrations:

Your AirBoss was calibrated using:

- 2.0 GPM tips with water
- 50 psi in the expansion tank
- Compressor regulator set to 90psi
- FRL regulator set to 90psi
- *Pneumatic hose reel regulator set to 10psi *if equipped
- *Water Pump regulator set to 20PSI *if equipped

Your AirBoss was factory-tested for several hours and calibrated to meet the following performance specifications:

- Engine Kick-up RPM: 2800 RPM +/- 100
- Engine Kick-down RPM: 1800 RPM +/- 100
- Fill from 0 – 90 psi: 55-60 seconds
- Fill from 0 – 120 psi: 75-80 seconds
- Compressor CFM: 31.5 @ 125 psi (2105) 17 @ 125 psi (1105)
- Kick-down psi: 150 psi
- Kick-up psi: 110 psi

Technical Specifications:

Technical Specifications:	RA-SSY-0032 575 Gold	RA-SSY-0035 750 Gold	RA-SSY-0033 575 Platinum	RA-SSY-0036 750 Platinum
FLR (Filter, regulator, lubricator)	Yes	Yes	Yes	Yes
Compressor Oil Capacity (US qt / L)	2.1 / 2.0	2.1 / 2.0	2.1 / 2.0	2.1 / 2.0
Compressor Oil Grade (Conventional)	20 OR 30 Weight	20 OR 30 Weight	20 OR 30 Weight	20 OR 30 Weight
Compressor Oil Grade (Synthetic)	ISO 46 OR 68	ISO 46 OR 68	ISO 46 OR 68	ISO 46 OR 68
Compressor Pump Model	1105	1105	2105	2105
Compressor Pump CFM	17 @ 125 psi	17 @ 125 psi	31.5 @ 125 psi	31.5 @ 125 psi
Compressor Pump Psi (Working / Max)	120 / 175	120 / 175	120 / 175	120 / 175
Compressor Tank Capacity (US gal / L)	30 Gallons	30 Gallons	30 Gallons	30 Gallons
Engine Displacement (cu. in. / cc)	26.2 / 429	26.2 / 429	26.2 / 429	26.2 / 429
Engine Oil Capacity (US qt / L)	1.4 / 1.3	1.4 / 1.3	1.4 / 1.3	1.4 / 1.3
Engine Oil Grade (Conventional)	5W30 OR 10W30	5W30 OR 10W30	5W30 OR 10W30	5W30 OR 10W30
Engine Oil Grade (Synthetic)	5W50 OR 10W50	5W50 OR 10W50	5W50 OR 10W50	5W50 OR 10W50
Engine Power (HP / KW)	14 / 10.4	14 / 10.4	14 / 10.4	14 / 10.4
Engine Torque (Ft lbs/Nm)	22.7 / 29.8	22.7 / 29.8	22.7 / 29.8	22.7 / 29.8
Expansion tank – psi	~50 psi	~50 psi	~50 psi	~50 psi
Fuel Tank Capacity (US qt / L)	7.8 / 7.4	7.8 / 7.4	7.8 / 7.4	7.8 / 7.4
Hydraulic Oil Capacity (US gallon / L)	5 / 18.9	5 / 18.9	5 / 18.9	5 / 18.9
Hydraulic Oil Grade	ISO 46 OR 68	ISO 46 OR 68	ISO 46 OR 68	ISO 46 OR 68
Spark plug gap (in / mm)	0.030 / 0.76	0.030 / 0.76	0.030 / 0.76	0.030 / 0.76
Tank Nominal Capacity – US GALLONS	575	750	575	750
Weight – Empty Tank	5300	5400	5400	5500
Weight – Filled Tank * Approx	+ 5750 lbs	+7500 lbs	+5750 lbs	+7500 lbs

Trailer Specifications:

AirBoss trailers are fabricated by Weberlane.



750 Platinum Spray System with Extended Trailer Package
(RA-SSY-0036) + (RA-TRL-5012) = RA-TSY-0066

System Dimensions:		244 x 88 x 93"
GVWR:		15,600 lbs
Safety Break-Away System and Chains	✓	
Axle Capacity		2 x 7,225 lbs E-Z Lube
Spring Axles	✓	
LED Lights	✓	
Adjustable Coupler	✓	
Water Kit (Tank/ Pump)	✓	
Water Tank Size		60 Gallons
Water Spray Hose		50'
Brush Box	✓	
Tool Storage	✓	
Metal Deck	✓	
Deck Size		80x67"
Deck Rails	✓	
Easy Access Deck Steps	✓	
# Deck Tie Downs		9
Rear Hitch Receiver	✓	
Extra Wide Fenders	✓	
Ramp	✓	
Ramp Size/ Type		72x38" Checker plate
Spring Assist on Ramp	✓	
Spray Wand Holder with Drip Catch		✓
Hitch Size		2 5/16"
Wheel Size		16" 8 x 6.5
Tire Size		ST 235/85R16

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Compressor Oil Capacity (US qt / L)	2.1 / 2.0
Compressor Oil Grade (Conventional)	20 OR 30 Weight
Compressor Oil Grade (Synthetic)	ISO 46 OR 68
Compressor Pump Model	1105
Compressor Pump CFM	17 @ 125 psi
Compressor Pump Psi (Working / Max)	120 / 175
Compressor Tank Capacity (US gal / L)	30 Gallons
Engine Displacement (cu. in. / cc)	26.2 / 429
Engine Oil Capacity (US qt / L)	1.4 / 1.3
Engine Oil Grade (Conventional)	5W30 OR 10W30
Engine Oil Grade (Synthetic)	5W50 OR 10W50
Engine Power (HP / KW)	14 / 10.4
Engine Torque (Ft lbs/Nm)	22.7 / 29.8
Expansion tank – psi	~50 psi
Fuel Tank Capacity (US qt / L)	7.8 / 7.4
Hydraulic Oil Capacity (US gallon / L)	5 / 18.9
Hydraulic Oil Grade	ISO 46 OR 68
Spark plug gap (in / mm)	0.030 / 0.76
Tank Nominal Capacity – US GALLONS	575
Weight – Empty Tank	5300
Weight – Filled Tank * Approx	+ 5750 lbs



Technical Specifications:	RA-SSY-0035 750 Gold
FLR (Filter, regulator, lubricator)	Yes
Compressor Oil Capacity (US qt / L)	2.1 / 2.0
Compressor Oil Grade (Conventional)	20 OR 30 Weight
Compressor Oil Grade (Synthetic)	ISO 46 OR 68
Compressor Pump Model	1105
Compressor Pump CFM	17 @ 125 psi
Compressor Pump Psi (Working / Max)	120 / 175
Compressor Tank Capacity (US gal / L)	30 Gallons
Engine Displacement (cu. in. / cc)	26.2 / 429
Engine Oil Capacity (US qt / L)	1.4 / 1.3
Engine Oil Grade (Conventional)	5W30 OR 10W30
Engine Oil Grade (Synthetic)	5W50 OR 10W50
Engine Power (HP / KW)	14 / 10.4
Engine Torque (Ft lbs/Nm)	22.7 / 29.8
Expansion tank – psi	~50 psi
Fuel Tank Capacity (US qt / L)	7.8 / 7.4
Hydraulic Oil Capacity (US gallon / L)	5 / 18.9
Hydraulic Oil Grade	ISO 46 OR 68
Spark plug gap (in / mm)	0.030 / 0.76
Tank Nominal Capacity – US GALLONS	750
Weight – Empty Tank	5400
Weight – Filled Tank * Approx	+ 7500 lbs



Technical Specifications:	RA-SSY-0033 575 Platinum
FLR (Filter, regulator, lubricator)	Yes
Compressor Oil Capacity (US qt / L)	2.1 / 2.0
Compressor Oil Grade (Conventional)	20 OR 30 Weight
Compressor Oil Grade (Synthetic)	ISO 46 OR 68
Compressor Pump Model	2105
Compressor Pump CFM	31.5 @ 125 psi
Compressor Pump Psi (Working / Max)	120 / 175
Compressor Tank Capacity (US gal / L)	30 Gallons
Engine Displacement (cu. in. / cc)	26.2 / 429
Engine Oil Capacity (US qt / L)	1.4 / 1.3
Engine Oil Grade (Conventional)	5W30 OR 10W30
Engine Oil Grade (Synthetic)	5W50 OR 10W50
Engine Power (HP / KW)	14 / 10.4
Engine Torque (Ft lbs/Nm)	22.7 / 29.8
Expansion tank – psi	~50 psi
Fuel Tank Capacity (US qt / L)	7.8 / 7.4
Hydraulic Oil Capacity (US gallon / L)	5 / 18.9
Hydraulic Oil Grade	ISO 46 OR 68
Spark plug gap (in / mm)	0.030 / 0.76
Tank Nominal Capacity – US GALLONS	575
Weight – Empty Tank	5400
Weight – Filled Tank * Approx	+5750 lbs



Technical Specifications:	RA-SSY-0036 750 Platinum
FLR (Filter, regulator, lubricator)	Yes
Compressor Oil Capacity (US qt / L)	2.1 / 2.0
Compressor Oil Grade (Conventional)	20 OR 30 Weight
Compressor Oil Grade (Synthetic)	ISO 46 OR 68
Compressor Pump Model	2105
Compressor Pump CFM	31.5 @ 125 psi
Compressor Pump Psi (Working / Max)	120 / 175
Compressor Tank Capacity (US gal / L)	30 Gallons
Engine Displacement (cu. in. / cc)	26.2 / 429
Engine Oil Capacity (US qt / L)	1.4 / 1.3
Engine Oil Grade (Conventional)	5W30 OR 10W30
Engine Oil Grade (Synthetic)	5W50 OR 10W50
Engine Power (HP / KW)	14 / 10.4
Engine Torque (Ft lbs/Nm)	22.7 / 29.8
Expansion tank – psi	~50 psi
Fuel Tank Capacity (US qt / L)	7.8 / 7.4
Hydraulic Oil Capacity (US gallon / L)	5 / 18.9
Hydraulic Oil Grade	ISO 46 OR 68
Spark plug gap (in / mm)	0.030 / 0.76
Tank Nominal Capacity – US GALLONS	750
Weight – Empty Tank	5500
Weight – Filled Tank * Approx	+7500 lbs

