

Ransburg
A **CARLISLE** BRAND

RansFlex® AA85 Electrostatic Applicator

*Lightweight and
Ergonomic*



Best in Class Air-Assisted Airless Electrostatic Applicator

Best in class atomization in a compact, lightweight applicator, the new RansFlex applicator offers features and benefits that meet stringent customer requirements.

The RansFlex air assisted airless electrostatic applicator is powered by an onboard generator, eliminating the need for an external power supply. Designed with the operator in mind, the RansFlex handle incorporates grip improvements with better balance to reduce operator fatigue. DeVilbiss atomization technology is coupled with Ransburg power to provide superior atomization and high transfer efficiency backed by a 3-year limited warranty.

FEATURES

- **Ergonomic fit, feel, balance and controls:** Operators experience less stress on joints and muscles which has proven to lower the risks of carpal tunnel and the impact of physical strain, reducing fatigue.
- **Redesigned sleek and smooth exterior:** Makes cleaning and maintenance fast and easy while protecting strategic components.
- **Provides three levels of generator protection:** Includes divorced generator air supply cartridge, sealed nozzle/atomization passages and strategic turbine location.
- **Meets FM US and Canada/ATEX/UKEX**
RansFlex AA85 meets globally recognized safety and operational standards.
- **Lower operating and maintenance costs:** Simpler, robust design for better tip sealing and lower cost wear parts and sub-assemblies.

MORE FEATURES

Performance, balance, operator comfort, transfer efficiency and ease of maintenance . . .

That's RansFlex meeting the finishing needs of today and tomorrow.

- Superior air cap performance at lower inlet pressure
- Unique air cap design helps reduce repair costs.

Utilizing 20% fewer parts than previous models, the RansFlex is easier to maintain. The turbine design utilizes a three-phase motor to reduce vibration and provide electrostatic power. RansFlex incorporates optional quick disconnect air hose technology at the handle to reduce "treeing" thus reducing operator fatigue. Indexing air cap and quick voltage on/off knob makes finishing a snap.

TECHNICAL SPECIFICATIONS

Weight Without Hoses	715g (25.2 oz.)
Height	229mm (9")
Width Max	51mm (2")
Length	279mm (11")
Max Operating Voltage	85 kV
Max Current Draw	90 uA
Min Air Inlet Pressure	3.0 bar (45 psig) (dynamic at handle inlet)
Paint Conductivity	0.1 MΩ to infinity
Max Fluid Pressure	207 bar (3,000psig)
Material	Solvent based coatings

STANDARD GUN KITS AVAILABLE

PART NUMBER	DESCRIPTION	AIR HOSE LENGTH OPTIONS	*REQUIRED AIR HOSE PART NUMBERS
80885-08100	RansFlex AA85 Gun Kit - Standard Air Inlet	5m / 16'	80558-05
		10m / 32'	80558-10
		15m / 50'	80558-15
		20m / 65'	80558-20
80885-08105	RansFlex AA85 Gun Kit - QD Air Inlet	5m / 16'	80558-06
		10m / 32'	80558-11
		15m / 50'	80558-16
		20m / 65'	80558-21

* To retain agency approvals, the RansFlex AA85 needs to be operated with one of the approved air hoses listed above.

* Customized configurations of gun kits with included air/fluid hoses, trigger sizes, & spray tips are available, please consult your local Ransburg representative for pricing and availability.



New Replaceable Electrode

ACCESSORIES

PART NUMBER	DESCRIPTION
7994-36	3/16" ID Fluid Hose Assembly, 11m / 36'
7994-50	3/16" ID Fluid Hose Assembly, 15m / 50'
7994-75	3/16" ID Fluid Hose Assembly, 23m / 75'
7994-100	3/16" ID Fluid Hose Assembly, 30m / 100'
80386-00	4-Finger Trigger Kit
80566-00	Small Profile 2-Finger Trigger Kit
77995-00	1/8" ID Whip Hose Assembly, 1m / 3'
4SN-4SW	Fluid Inlet Swivel Fitting

CARBIDE TIP OPTIONS AVAILABLE

TIP ORIFICE SIZE	*FAN PATTERN SIZE	STANDARD CARBIDE TIP PN	PRE-ORIFICE FINE FINISH TIP PN
0.23mm / 0.009"	130mm / 5"	80740-0509	-
	250mm / 10"	80740-1009	80907-1009
0.28mm / 0.011"	130mm / 5"	80740-0511	80907-0511
	200mm / 8"	80740-0811	80907-0811
	250mm / 10"	80740-1011	80907-1011
	330mm / 13"	80740-1311	80907-1311
0.33mm / 0.013"	380mm / 15"	80740-1511	80907-1511
	130mm / 5"	80740-0513	80907-0513
	200mm / 8"	80740-0813	80907-0813
	250mm / 10"	80740-1013	80907-1013
0.33mm / 0.015"	330mm / 13"	80740-1313	80907-1313
	380mm / 15"	880740-1513	80907-1513
	250mm / 10"	80740-1015	80907-1015
	330mm / 13"	80740-1315	80907-1315
0.33mm / 0.018"	380mm / 15"	80740-1515	80907-1515
	430mm / 17"	80740-1715	80907-1715
	250mm / 10"	80740-1018	80907-1018
0.46mm / 0.018"	330mm / 13"	80740-1318	80907-1318
	380mm / 15"	80740-1518	80907-1518
	250mm / 10"	80740-1021	80907-1021
0.53mm / 0.021"	380mm / 15"	80740-1521	80907-1521

* Fan pattern sizes were measured at 250mm/10" distance with water @ 69 bar (1,000 psig) fluid pressure



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