

**METAL CONNECTION KIT
TO CONNECT DRY SCROLL PUMP #92083 TO EASIGLOW™
Product No. 92083-108**

DESCRIPTION

The PELCO easiGlow™ Connection Kit for the ISP-90 Dry Pump (#92083-108) connects the PELCO® easiGlow™ (#91000) to the ISP-90 Dry Scroll Pump (#92083). This pump is available as an option, or upgrade, for the easiGlow™.

PARTS INCLUDED

- **92080-10** ADAPTER CORD, IEC/NEMA 5-15P
- **92210-16** NW16 WING NUT CLAMP, ALUM.
- **92210-25** NW25 WING NUT CLAMP, ALUM.
- **92220-16** NW16 CENTERING RING 304SSVITON
- **92220-25** NW25 CENTERING RING 304SSVITON
- **92340-1620** NW16, 20" FLEX METAL HOSE, 304SS
- **92450-2516** NW25-16 REDUCER 304SS

WARNINGS



The ISP-90 Dry Scroll Pump is suitable for clean processes only. It should not be used with explosive, flammable, toxic, or corrosive substances or substances that contain chemicals, solvents, or particles.



Install pump in a well-ventilated area. Poor ventilation can disrupt cooling and cause accident, failure or bodily injury such as burns since this vacuum pump is an air-cooled type.

CONNECTION

To start, remove flange from exhaust port on ISP-90 Dry Scroll Pump as circled in Figure 1 below. No exhaust connection is needed.



Figure 1

The ISP-90 is connected to the system similarly to how the standard rotary-vane pump is connected (as described in easiGlow™ manual), except a NW25-16 REDUCER 304SS (#92450-2516) reducer is needed. This reducer is attached to the pump inlet, as shown in Figure 2 below, using a NW25 WING NUT CLAMP (#92210-25) and NW25 CENTERING RING (#92220-25).

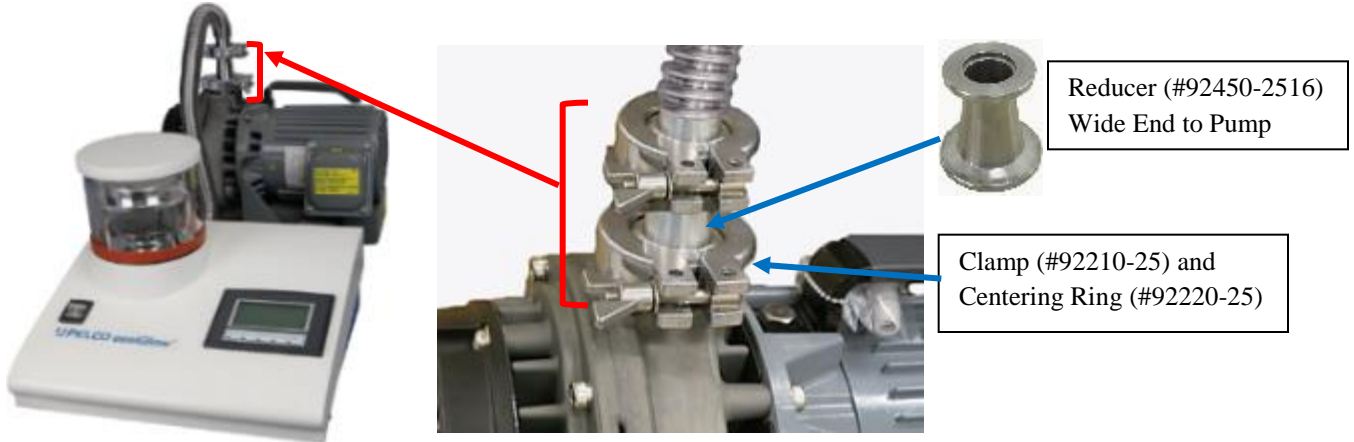
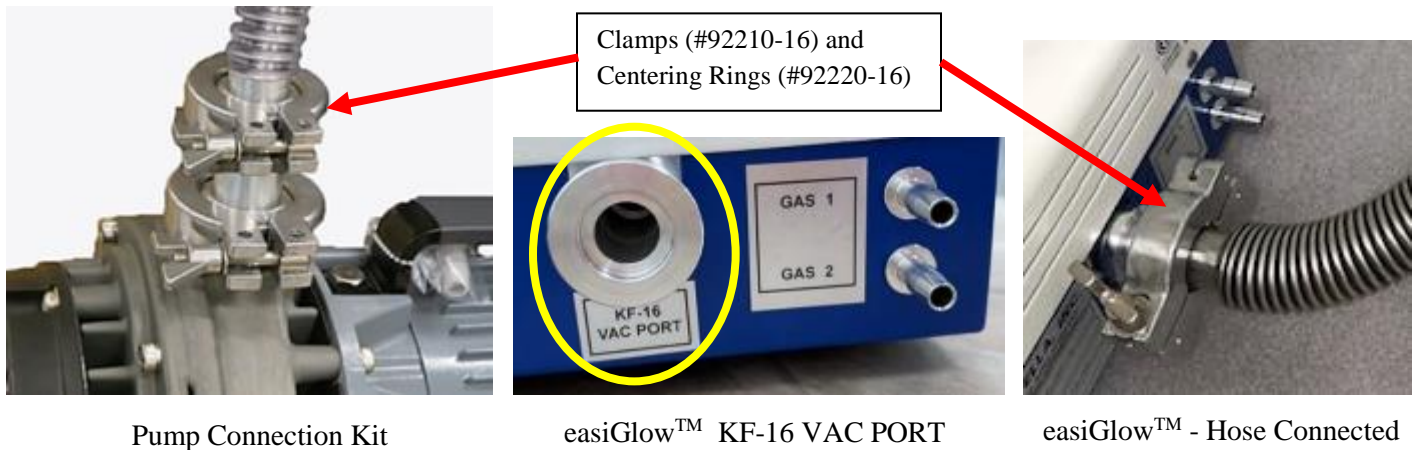


Figure 2

2 x NW16 WING NUT CLAMPS (#92210-16) and 2 x NW16 CENTERING RINGS (#92220-16) are then used to attach the NW16, 20" FLEX METAL HOSE (#92340-1620) from the reducer to the KF-16 VAC PORT back of the easiGlow™. See Figure 3 below and easiGlow™ manual for more information.



Pump Connection Kit

easiGlow™ KF-16 VAC PORT

easiGlow™ - Hose Connected

Figure 3