

## Series 80000

**Warning:** Ensure that supply line pressure does not exceed maximum working pressure rating of reel. Apply pipe thread sealant. Do not overtighten connection. Recommended torque not to exceed 70 ft. lb.

**Caution:** Use flexible hose connection at input. Do not use rigid plumbing. The use of rigid plumbing may void warranty.

### Installing the Input Hose

1. Apply thread sealant and connect input hose to main shaft input.
2. For standard shaft and swivel reels, connect customer supplied inlet hose to swivel.

### Installing the Output Hose

1. Manually turn sheave until spring is tight, back off 3 turns, then latch.
2. Route output hose through roller bracket, U-bolts, then through cut out in spool.
3. Connect output hose to gooseneck.
4. Verify U-bolt position conforms with guide arm position using label inside spool. Then tighten nuts on U-bolt.
5. Charge hose. Momentarily open control valve to purge hose of gases. When fluid appears at control valve, close valve. With hose fully charged, release latch and wind output hose onto reel.
6. Install hose bumper assembly.

### Adjustments

**Warning:** Use extreme caution; reel under tension. Avoid releasing latch mechanism. If necessary, adjust spring tension on reel by manually adding or removing wraps of hose from spool, one wrap at a time, until desired tension is obtained. Manually add wraps to increase tension. Remove wraps to decrease tension.

**Caution:** When adding wraps of hose, add just enough wraps to achieve the desired tension without exceeding the winding mechanism's spring capacity. Properly tensioned reels allow all hose to be freely removed from the spool until the point of U-bolt contact. Damage to the winding mechanism will result if spring is over-tensioned.

Reel w/hose	Reel w/o hose	Hose I.D.		Hose Length		# Wraps
81075 OLP	81000 OLP	3/8"	10mm	100'	31m	23
81100 OLP	81000 OLP	3/8"	10mm	100'	31m	23
82075 OLP	82000 OLP	1/2"	13mm	75'	23m	19
82100 OLP	82000 OLP	1/2"	13mm	100'	31m	23
83050 OLP	83000 OLP	3/4"	19mm	50'	15m	17
F83050 OLP	F83000 OLP	3/4"	19mm	50'	15m	17
D83075 OLP	D83000 OLP	3/4"	19mm	75'	23m	19
D84035 OLP	D84000 OLP	1"	25mm	50'	15m	19
D84050 OLP	D84000 OLP	1"	25mm	50'	15m	19
82075 OMP	82000 OMP	1/2"	13mm	75'	23m	19
82100 OMP	82000 OMP	1/2"	13mm	75'	23m	19
83050 OMP	83000 OMP	3/4"	19mm	50'	15m	17
81075 OHP	81000 OHP	3/8"	10mm	75'	23m	23
81100 OHP	81000 OHP	3/8"	10mm	100'	31m	23