



**Torque Specifications for All Accessible Series Oil Separators,
Oil Floats and Filter/Drier Shells**

Top Flange Bolt Torque Specifications

| Model | Bolt Size | Grade | Torque (ft-lbs) | Torque (Nm) | Filter Nut |
|-------------------------|------------------------------|-------|-----------------|-------------|------------|
| 133A | 1/2" – 20 x 1-12" (no nuts) | 8 | 50 – 55 ft-lbs | 68 – 75 Nm | 1/4" – 20 |
| 135A, 137A | 1/2" – 20 x 1-1/2" (no nuts) | 8 | 50 – 55 ft-lbs | 68 – 75 Nm | 3/8" – 16 |
| 138A | 1/2" – 20 x 1-1/2" (no nuts) | 8 | 50 – 55 ft-lbs | 68 – 75 Nm | 1/2" – 13 |
| 139A | 5/8" – 18 x 2" (no nuts) | 8 | 50 – 55 ft-lbs | 68 – 75 Nm | 1/2" – 13 |
| 501 – 505 | 5/16" – 18 x 1" | 8 | 18 – 20 ft-lbs | 24 – 27 Nm | * |
| 922, 923, 922R, 923R | 5/16" – 24 x 1-3/4" | 5 | 20 – 22 ft-lbs | 27 – 30 Nm | 1/4" – 20 |
| 924, 925, 924R, 925R | 5/16" – 24 x 1-3/4" | 5 | 20 – 22 ft-lbs | 27 – 30 Nm | 3/8" – 16 |
| 926, 927, 926R, 927R | 5/16" – 24 x 1-3/4" (w/nuts) | 5 | 20 – 22 ft-lbs | 27 – 30 Nm | 3/8" – 16 |
| 928, 928R (Old) | 3/4" – 10 x 3-1/2" (w/nuts) | 5 | 50 – 55 ft-lbs | 68 – 75 Nm | 1/2" – 13 |
| 928, 928R | 1/2" – 20 x 1-3/8" (no nuts) | 8 | 50 – 55 ft-lbs | 68 – 75 Nm | 1/2" – 13 |
| 928R ASME | 3/4" – 10 x 3" | 8 | 50 – 55 ft-lbs | 68 – 75 Nm | 1/2" – 13 |
| 930, 930R (Old) | 7/8" – 9 x 3-3/4" (w/nuts) | 5 | 70 – 75 ft-lbs | 95 – 102 Nm | 1/2" – 13 |
| 930, 930R | 3/4" – 16 x 1-3/4" (no nuts) | 5 | 50 – 55 ft-lbs | 68 – 75 Nm | 1/2" – 13 |
| 930R ASME | 5/8" – 11 x 2" | 8 | 50 – 55 ft-lbs | 68 – 75 Nm | 1/2" – 13 |
| Filter/Drier Shell | 1/2" – 20 x 1-1/2" (no nuts) | 8 | 50 – 55 ft-lbs | 68 – 75 Nm | 3/8" – 16 |
| ORF 3658 3758 | 5/16" – 18 x 1" | 8 | 18 – 20 ft-lbs | 24 – 27 Nm | |

Bottom Flange Bolt Torque Specifications

| | | | | | |
|-----------|-----------------|---|----------------|------------|--|
| 506 – 507 | 5/16" – 18 x 1" | 8 | 18 – 20 ft-lbs | 24 – 27 Nm | |
| 926 – 930 | 5/16" – 18 x 1" | 8 | 18 – 20 ft-lbs | 24 – 27 Nm | |

Sight Glass Torque Specifications

| | | | | | |
|----------|----------|--------|-----------|-----------|--|
| 76115000 | 15/16" | O-ring | No Torque | No Torque | |
| 76116000 | 1-1/8" | O-ring | No Torque | No Torque | |
| 76118000 | 3/4" MPT | | 50 ft-lbs | 68 Nm | |
| 76000130 | 3/4" MPT | | 55 ft-lbs | 75 Nm | |

Filter Nut

1. Tighten filter nut until you cannot turn the filter by hand.
2. Tighten filter nut an additional full turn.
3. Re-attach top plate to flange by first, finger tightening nuts on bolts with lock washers in between nut and flange face. Start with any given bolt and gradually tighten firmly. Tighten in "opposite bolt" pattern (Alternating Star) until properly torqued.
4. Check oil level frequently on new installations.

***Screen Nut**

Models 506 and 507 have a 1/4" – 20 screen nut.

Got a Question? Call us at 1-800-552-9300 or check out our website at www.temprite.com