



# RC-PISTON KIT

**Please refer to the RC2 Maintenance Manual for directions on replacing the piston kit.**

The Hanbell screw compressor piston kits are complete kits for a longer lifetime of you compressor. Replacement of piston rings should be performed by an authorized technician. When counts of piston loading and unloading motion are higher than 10,000 times, piston rings should be replaced immediately. The piston is also recommended to be inspected every year to ensure the function of capacity control. If abnormal wearing is found, the part should be replaced with a new one. Prior to replacing, the technician should do an inspection and determine what is causing the wearing problem.

## Kit #1 (Kit #4-Flooded)

RC10 and RC11, RC2-100, RC2-140 and RC2-180

| PART #                    | DESCRIPTION  | QUANTITY    |
|---------------------------|--|-------------|
| 3101-1005AD / 3101-1004AA | Discharge gasket<br>If above is a flooded model  | 2<br>Kit #4 |
| 3131-1001AA               | Oil separator gasket   | 1           |
| 3131-1008A                | Exhaust tube gasket  | 1           |
| 3131-1103AB               | Discharge cover plate gasket   | 1           |
| 3131-111EA-A              | Piston-Installed on piston: 4201-CA328-Oring,<br>4202-T065 Piston ring, 3131-1119CA Guide ring |             |
| 4303-414                  | Copper washer  | 1           |

## Kit #5 (Kit #6-Flooded)

RC12 ~ RC13, RC2-170 and RC2-200

| PART #                    | DESCRIPTION   | QUANTITY    |
|---------------------------|---|-------------|
| 3101-1001AE               | Oil separator gasket  | 1           |
| 3101-1005AD / 3131-1004AA | Discharge gasket<br>If above is a flooded model   | 2<br>Kit #6 |
| 3101-1008B                | Exhaust tube gasket   | 1           |
| 3101-1103AE               | Discharge cover plate gasket  | 1           |
| 3133-111EA-A              | Piston-Installed on piston: 4201-CA336-Oring,<br>4202-T090 Piston ring, 5112-05T Guide ring |             |
| 4303-420                  | Copper washer   | 1           |

## Kit #7 - RC14 ~ RC15L, RC2-230 ~ RC2-320

Kit #8 - RC14F ~ RC15LF, RC2-230F ~ RC2-320F; RC2-340 ~ RC2-370

| PART #                    | DESCRIPTION   | QUANTITY    |
|---------------------------|---|-------------|
| 3131-1004AA / 3101-1004AD | Discharge gasket<br>If above is a flooded model   | 2<br>Kit #8 |
| 3103-1001AE               | Oil separator gasket  | 1           |
| 3103-1008B                | Exhaust tube gasket   | 1           |
| 3103-1103AE               | Discharge cover plate gasket  | 1           |
| 3134-111EA-A              | Piston-Installed on piston: 4201-CA339-Oring,<br>4202-T100 Piston ring, 5112-05T Guide ring |             |
| 4303-420                  | Copper washer   | 1           |

## Kit #9 - RC16, RC2-410, RC2-470

Kit #10 - RC16F~RC17F, RC2-410F~RC2-510F, RC2-580F, RC2-510, RC2-580

| PART #                    | DESCRIPTION   | QUANTITY     |
|---------------------------|---|--------------|
| 3101-1004AD / 3107-1005AC | Discharge gasket<br>If above is a flooded model   | 2<br>Kit #10 |
| 3105-1001AE               | Oil separator gasket  | 1            |
| 3107-1008A                | Exhaust tube gasket   | 1            |
| 3105-1103AE               | Discharge cover plate gasket  | 1            |
| 3136-111EA-A              | Piston-Installed on piston: 4201-CA345-Oring,<br>4202-T120 Piston ring, 5112-05T Guide ring |              |
| 4303-420                  | Copper washer   | 1            |

Kit #11 - RC20~RC21, RC19F~RC21F, RC2-610F, RC2-710F~930F, RC2-710~RC930

Kit #12 - RC2-620F

| PART #                    | DESCRIPTION   | QUANTITY     |
|---------------------------|---|--------------|
| 3105-1004AD               | Discharge gasket  | 2            |
| 3105-1001AE               | Oil separator gasket  | 1            |
| 3107-1008A                | Exhaust tube gasket   | 1            |
| 3107-1103AC / 3138-1103AA | Discharge cover plate gasket<br>If above is a flooded model                                 | 1<br>Kit #12 |
| 3136-111EA-A              | Piston-Installed on piston: 4201-CA345-Oring,<br>4202-T120 Piston ring, 5112-05T Guide ring |              |
| 4303-420                  | Copper washer   | 1            |

Kit #13 - RC18, RC18F, RC2-550, RC2-550F, RC2-620

Kit #14 - RCRC19, RC2-610

| PART #                    | DESCRIPTION   | QUANTITY     |
|---------------------------|---|--------------|
| 3107-1005AC               | Discharge gasket  | 2            |
| 3105-1001AE               | Oil separator gasket  | 1            |
| 3107-1008A                | Exhaust tube gasket   | 1            |
| 3138-1103AA / 3107-1103AC | Discharge cover plate gasket<br>If above is a flooded model                                 | 1<br>Kit #14 |
| 3136-111EA-A              | Piston-Installed on piston: 4201-CA345-Oring,<br>4202-T120 Piston ring, 5112-05T Guide ring |              |
| 4303-420                  | Copper washer   | 1            |

**Packaging** - Ship Weight: Box Dim. Gaskets 24" x 24" x 2" - 2 lbs (approx)  
 Box Dim. Piston - 10" x 6" x 6" 3.5 lbs (approx)