



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 If above is a flooded model	2 Kit #4
3131-1001AA	Oil separator gasket	1
3131-1008A	Exhaust tube gasket	1
3131-1103AB	Discharge cover plate gasket	1
3131-1116A	Piston-Installed on piston: 4201-CA328-Oring, 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 If above is a flooded model	2 Kit #6
3101-1008B	Exhaust tube gasket	1
3101-1103AE	Discharge cover plate gasket	1
3101-1116D	Piston-Installed on piston: 4201-CA336-Oring, 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 If above is a flooded model	2 Kit #8
3103-1001AE	Oil separator gasket	1
3103-1008B	Exhaust tube gasket	1
3103-1103AE	Discharge cover plate gasket	1
3103-1116D	Piston-Installed on piston: 4201-CA339-Oring, 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 If above is a flooded model	2 Kit #10
3105-1001AE	Oil separator gasket	1
3107-1008A	Exhaust tube gasket	1
3105-1103AE	Discharge cover plate gasket	1
3105-1116D	Piston-Installed on piston: 4201-CA345-Oring, 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 If above is a flooded model	1 Kit #12
3105-1116D	Piston-Installed on piston: 4201-CA345-Oring, 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 If above is a flooded model	1 Kit #14
3105-1116D	Piston-Installed on piston: 4201-CA345-Oring, 4202-T120 Piston ring, 5112-05T Guide ring	
4303-420	Copper washer	1