



20-100 HP | WATER-COOLED MODELS

Reavell Reciprocating Compressors

Compact Design. Minimal Installation Costs.

Reavell compressors from Gardner Denver offer a compact design which limits installation costs. The compressors feature anti-vibration mounts that eliminate the need for a special base or foundation. The foundation simply needs to be level and able to support the static weight of the compressor.

Optimal Serviceability. Enhanced Uptime.

The unrivaled design of Reavell water-cooled units provide convenient access when it comes to servicing the units with items such as: liners, valves, pistons, rings and spin-on oil filters. All maintenance parts are removable without a major teardown which equals more uptime.

Application Flexibility.

Reavell water-cooled compressors are manufactured to withstand some of the harshest compression and boosting applications across the globe. Typical applications include leak/pressure testing, gas recovery, autoclaves, wind tunnels, compressed natural gas (CNG), engine start and electrical power stations. Gas service consists of nitrogen, helium, hydrogen and methane. Contact Gardner Denver for a complete listing of approved gases.

Gardner
Denver

WATER-COOLED RECIPROCATING COMPRESSORS

MODEL	MINIMUM PRESSURE		MAXIMUM PRESSURE		MINIMUM CAPACITY		MAXIMUM CAPACITY		MOTOR POWER		COMPRESSION STAGES
	PSI	BAR	PSI	BAR	CFM	M ³ /HR	CFM	M ³ /HR	HP	KW	
5212	145	10	508	35	16	27	34	58	20	15	2
5217	145	10	580	40	38	64	74	126	40	30	2
5236	145	10	580	40	88	150	171	291	100	75	2
5317	580	40	1233	85	20	34	38	65	25	18.5	3
5337	580	40	1233	85	38	65	92	156	60	45	3
5417	2031	140	5000	350	19	32	37	63	40	30	4
5420	2321	160	5000	350	25	43	49	84	50	37	4
5437	2321	160	6000	414	38	65	92	156	75	55	4

Water-Cooled Features

- 145 to 6,000 PSIG
- 16 to 171 CFM FAD
- Direct drive or V-Belt drive, oil-lubricated two to four-stage compressor
- Closed loop cooling systems available
- Cylinders fully enclosed by water-jacket
- Anti-vibration mounts
- 90° V-configuration for excellent balance
- Intake filter silencer with replaceable element
- Inter and after-stage coolers
- Direct valve access for easy maintenance
- Oil and moisture separators with automatic drainage
- Forced lubrication system with oil pump, filter and relief valve
- Corrosion rod in water-jacket
- Final delivery non-return valve
- Water cooling from closed radiator circuit or mains (fresh or sea)
- TEFV electric motor with explosion proof options
- Safety valves on all stages
- High temperature cut-out switches and gauges
- Final delivery air temperature gauge
- Low oil pressure cut-out switch and gauge
- Pressure gauge on each stage
- Controlling air pressure switch
- Bursting disk in water-jacket
- Motor starter and control panel

**Gardner
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Gardner Denver, Inc.

1800 Gardner Expressway
Quincy, IL 62305
866-440-6241

www.gardnerdenver.com/gdproducts



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