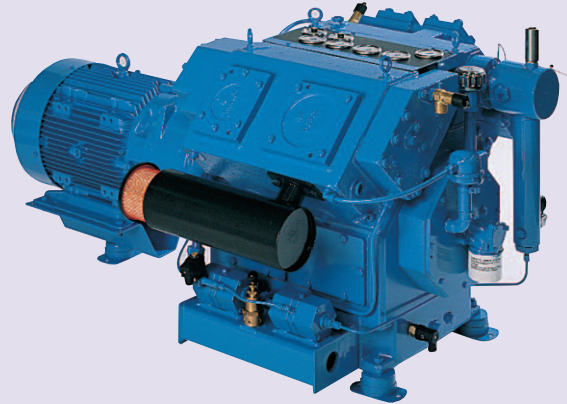


Technical Specifications: **H5217, H5236, H5317, H5337, H5417, H5420, H5437, H5437H**

10 to 414 barg, 25 to 313m³/h
 145 to 6000 lbf/in², 15 to 184 ft³/min

Heavy duty compressor sets for Industrial, Marine Naval and Breathing Air applications.

With over 100 years of experience CompAir set high quality standards in world-wide compressor markets. Typical uses for these machines are in air blast switch gear, breathing air, motion compensation systems, engine start, dockyard services, gas compression, press accumulator charging, plastic bottle blowing, can forming, test rigs, tyre remoulding and many more.



Model H5417, Direct Driven

Features

- Intake filter/silencer with replaceable element
- 90° Vee configuration for excellent balance
- Built-in inter and after stage coolers
- Low lift concentric valves
- Direct valve access
- Low piston speed
- Oil and moisture separators with automatic drainage
- Forced lubrication system with oil pump, filter and relief valve
- Corrosion rod in water jacket
- World-wide after sales and service

- Final delivery non-return valve
- Water Cooling from closed radiator circuit or mains (fresh or seawater)
- Flange coupled or vee belt drive
- Electric motor or diesel engine drive
- TEFV electric motor with flame and explosion proof options
- Anti-vibration mounts for industrial and captive marine applications
- Meets all major survey and certification requirements, world-wide

- Safety valves on all stages
- High air temperature cut-out switches and gauges
- Final delivery air temperature gauge (optional on H5217)
- Low oil pressure cut-out switch and gauge
- Oil sight level glass
- Pressure gauge on each stage
- Controlling air pressure switch
- Bursting disc in water jacket

Benefits

Reduced wear, excellent reliability, longer life, simple maintenance and extended service intervals

Quick installation and simply configured to your site and user requirements

Complete machine protection and instrumentation

IntelligentAirTechnology

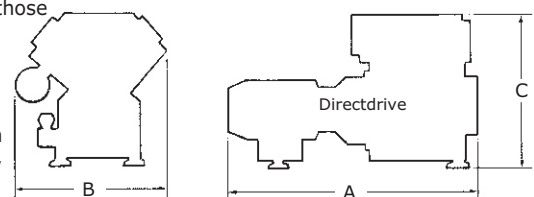
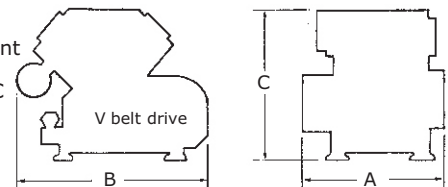
H Series Water Cooled Compressors

Technical Data

MODEL	PRESSURE bar g		F.A.D m ³ /h	RPM	POWER (kW)		STAGES	V-BELT DRIVE		DIRECT DRIVE	
	MIN	MAX			ABSORBED	MOTOR		DIMS. (A x B x C)mm	kg	DIMS. (A x B x C)mm	kg
H5217	10		68.0	960	10.9	11	2	1290 x 870 x 770	730	1470 x 860 x 770	730
			132.0	1800	22.0	22					
	40	64.6	960	14.4	15						
		126.0	1800	28.3	30						
H5236	10		187.4	1040	22.7	37	2	1760 x 970 x 1065	1400	1800 x 1210 x 1050	1400
			313.0	1800	41.1	55					
	40	173.3	1040	33.1	37						
		291.5	1800	58.2	75						
H5317	40		35.6	960	8.4	11	3	1290 x 870 x 770	740	1560 x 880 x 770	740
			67.0	1800	16.2	22					
	85	34.2	960	9.5	11						
		64.6	1800	18.5	22						
H5337	40		69.8	750	15.3	22	3	1700 x 1060 x 1090	1600	1820 x 1200 x 1090	1500
			159.6	1800	35.6	37					
	85	67.3	750	19.5	22						
		156.6	1800	44.1	45						
H5417	140		33.8	960	9.5	15	4	1290 x 870 x 770	750	1560 x 880 x 770	750
			65	1800	19.3	30					
	350	31.8	960	11.5	15						
		63.0	1800	22.3	30						
H5420	160		58.1	1250	17.4	22	4	1290 x 870 x 770	750	1560 x 880 x 770	750
			85.6	1800	27.3	30					
	350	56.6	1250	20.3	22						
		84.5	1800	31.6	37						
H5437	160		69.7	750	19.2	22	4	1700 x 1060 x 1090	1600	1820 x 1200 x 1090	1500
			159.2	1800	48.1	55					
	350	64.9	750	22.7	30						
		156.9	1800	52.9	55						
H5437H	414		82.1	960	27.7	37	4	1700 x 1060 x 1090	1600	1820 x 1200 x 1090	1500
			133.0	1500	45.0	45					
H5437B2 High inlet pressure - 6 bar g	150		83.4	1200	17.9	22	4	1700 x 1320 x 1090	1600	1990 x 1200 x 1090	1500
			132.0	1800	29.0	37					
	350	171.2	1200	35.2	37						
		271.4	1800	56.0	75						

Notes:

- The above data describes ranges of performance available on air and can be increased by approximately 8% for charging duties. For direct drive sets performance is dependent upon synchronous speed achieved by supply frequency.
- Performance figures are based on inlet conditions of 20°C, 1.013 bar absolute and 15°C cooling water temperature. Flow rates measured in accordance with ISO 1217:1996.
- Absorbed, rated motor power and dimensions will differ for radiator cooled sets.
- Maximum cooling water flow can be approximated by allowing 75l/hr per kW of absorbed motor power.
- Selected models available in Naval configurations - specifications may differ from those quoted above.
- Performances on electric motor sets are based on a 50 Hz supply



Gas Applications:

These machines can handle a wide variety of gases, depending on application. Your salesman will be pleased to advise, but typical gases are: argon, bio-gas, carbon monoxide, carbon dioxide, ethane, ethylene, helium, hydrogen, methane, natural gas, neon, nitrous oxide, oxy-helium, sludge gas, sulphur hexafluoride, xenon.



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