

Semi-Hermetic Compressors



Company's semi-hermetic compressors offer efficiency-optimized solutions in refrigeration and climate control. The new HG44e (4-cylinder) and HG88e (8-cylinder) compressors are equipped with the newly developed valve-plate technology, which enables greater refrigeration duty while operating with less power consumption. The valve plate, in combination with a cylinder head adapted to the valve plate, have increased the efficiency of the compressors by 15 percent. Four new semi-hermetic compressors include assurance of effective lubrication by an oil pump, application of exchangeable electrical motors, as well as manufacture of solid and rugged compressors. The HG44e series connections conform with currently provided gas fittings, which enables replacement investment without adaption. The foot mounts of the new compressors also conform to sector standards. Four model sizes cover the range of maximum displacements from 41.3 to 67.0 m³/h. This allows for optimal coverage of individual performance requirements.

GEA Refrigeration Technologies www.gea.com [1]

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