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ABSTRACT OF THE DISCLOSURE

A motor driven fluid compressor having a compression mechanism, such as a scroll type fluid compression mechanism and a drive mechanism which are contained within a hermetically sealed housing is disclosed. The compression mechanism includes a fixed and orbiting scrolls. The drive mechanism includes a drive shaft and a motor rotating the drive shaft. The drive shaft includes axial bore and radial bore and is rotatably supported by cylindrical portion of housing. The longitudinal axis of axial bore is concentric with the longitudinal of axial hole which is formed in cylindrical portion. Inner block is formed in cylindrical portion have at least one gas passage to introduce a refrigerant gas into compression mechanism from motor drive mechanism through inlet port. As a result, the radial size of compressor housing is easily reduced by forming above gas passage. Furthermore, both the number of compressor parts and the weight of compressor are easily reduced.

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