CLAIMS

1. A hermetic compressor comprising compressing unit and an electromotive unit,

the compressing unit comprising:

a cylinder block having a compression chamber;

a cylinder head having a discharge chamber which is controllably couplable to the compression chamber;

discharge muffler body portion and a discharge muffler cover which form a discharge muffler chamber coupled to the discharge chamber;

a piston configured to compress a refrigerant in the compression chamber; and

a main frame having at least one mounting leg,

the electromotive unit comprising:

a stator;

a rotor; and

a crankshaft coupled to the rotor,

wherein the electromotive unit is configured such that rotary motion of the rotor relative to the stator causes rotation of the crankshaft which drives the piston to compress the refrigerant in the compression chamber, and

wherein the compressing unit is coupled to the stator of the electromotive unit and supported by the at least one mounting leg of the main frame and the discharge muffler cover.

2. A hermetic compressor according to claim 1, wherein the cylinder block, the main frame and the discharge muffler body portion are integrally formed.

3. A hermetic compressor according to any preceding claim further comprising a discharge port formed in the cylinder block, the discharge port connecting the discharge chamber to the discharge muffler.

4. A hermetic compressor according to any preceding claim, further comprising a connecting bolt which attaches the discharge muffler body portion to the stator and

passes through the discharge muffler cover thereby holding the discharge muffler cover in place.

5. A hermetic compressor according to claim 4, wherein the connecting bolt has a head which forms a snubber configured to receive a suspension spring.

6. A hermetic compressor according to any preceding claim further comprising a refrigerant discharge pipe coupled to the first chamber cover.

7. A hermetic compressor according to any preceding claim wherein the discharge muffler is laterally displaced from the compression chamber.

8. A hermetic compressor according to any preceding claim further comprising a second discharge muffler.