Installation PART-IN-125

Library	**Service Literature**
Product Section	**Service Products**
Product	**Parts**
Model	**CVHF**
Literature Type	**Installation**
Sequence	**125**
Date	**August 2000**
File No.	**SV-SP-000-PART-IN-125-800**
Supersedes	**New**

Location of Parts Motor Change Out KIT07274

Some of these kits are intended for more than one size or type of unit and may contain additional parts not required for the particular unit in which the kit is being installed. Check the unit parts list if questions arise as to use of individual components.

The Trane Company recommends using Loctite 515 Gasket Eliminator on all refrigerant to atmospheric O-ring connections (except CVHE suction elbows) on centrifugal chillers using R-11, R-113 and R-123. Loctite 515 Gasket Eliminator is available from the Trane Company in 50 ml tubes (SEL00416) and 300 ml caulking tubes (SEL00376). To ensure leak free joints after rebuild, apply Loctite 515 to grooved O-ring joints as follows:

- Inspect O-ring groove for nicks and scratches. Minor surface scratches or nicks can be repaired by filling the imperfection with a soft soldering material, then filing or sanding to a smooth finish.
- Apply a bead of Loctite 515 (1/8” dia. max) to the entire circumference of the bottom I.D. of the O-ring groove as shown in Figure 1.
- Place the O-ring into the groove and gently press it into sealant. (Note: O-rings should not be stretched more than 5% of their I.D. dimension once seated in the groove.)
- Apply a bead of Loctite 515 (1/8” dia. max) to the entire circumference between the O-ring and top O.D. of the groove as shown in Figure 2.

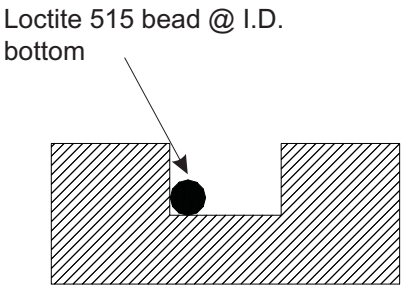

Figure 1

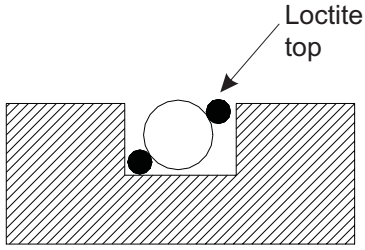

Figure 2

Since The Trane Company has a policy of continuous product improvement, it reserves the right to change specifications and design without notice.

Installation

Part #	Qty.	Location and Use	Ref #
RNG01040	1	Oring; volute to casing	1
RNG01031	2	Oring; 1st stage tang assy	2
SEL00409	1	Oil seal; 1st stage tang assy	3
SHM00178	1	Shim; compressor 0.050 x 4.5	4
SHM00179	3	Shim; compressor 0.002 x 4.5	5
SHM00180	3	Shim; compressor 0.005 x 4.5	6
SHM00181	1	Shim; compressor 0.010 x 4.5	7
SHM00182	2	Shim; compressor 0.020 x 4.5	8
SHM00183	3	Shim; compressor 0.002 x 2.5	9
SHM00184	3	Shim; compressor 0.005 x 2.5	10
SHM00185	1	Shim; compressor 0.010 x 2.5	11
SHM00186	1	Shim; compressor 0.020 x 2.5	12
SHM00187	2	Shim; compressor 0.050 x 2.5	13
SHM00194	1	Shim; compressor 0.100 x 4.5	14
SPC00191	1	Shim; compressor 0.120/0.115 x 4.5	15
		Shims as required	
NUT00638	1	Nut; rotor shaft	16
WAS00488	1	Washer; rotor shaft	17
GKT01927	1	Gasket; 2nd stage tang assy.	18
GKT01319	1	Gasket; compressor	19
GKT01320	2	Gasket; compressor	20
RNG01029	1	Oring; 1st stage tang assy.	21
RNG01068	1	Oring; 1st stage casing	22

Part #	Qty.	Location and Use	Ref #
RNG01048	1	Oring; motor housing	29
RNG01050	1	Oring; suction elbow to evap	32
RNG01140	1	Oring; volute to cond	33
GKT02694	1	Sealant; comp to suct elbow	34
RNG01032	1	Oring; comp to suct elbow	35
GKT03095	4	Gasket; 4-bolt flange	36
GKT01937	3	Gasket; 2 bolt flange	37
GKT01929	1	Gasket; comp to econ pipe	38
GKT01923	2	Gasket; econ to cond and evap	39
WAS00545	28	Washer; ramp, 2 pieces = 1 pair	43
SCR00736	8	Screw; 0.25-20 x 0.75	44
GKT03668	1	Gasket; volute oil drain	45
GKT03375	1	Gasket; 2 bolt oil regulator	46
GKT03689	1	Gasket; oil tank cover	47
GKT03688	1	Gasket; oil tank impellor	48

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