

Title: **GUIDE VANE CRANK ARM**

Number: **C9005**
Date: **3/15/90**

Models Affected: **19DK, 19DM, 19EB4, 17/19FA4, 19HR**

Supersedes:
Date:

Purpose:

The purpose of this bulletin is to inform the field of a product improvement regarding guide vane crank arms.

Background:

An improved design crank arm has been developed to eliminate slippage problems with guide vane linkage arms. The new crank arm is rectangular in shape and measures approximately (1/2" x 1 1/2" x 4.6" lg).

The new design crank arm is not interchangeable with the old style crank arms. The vane drive shaft diameter and the actuator shaft diameter have been increased from present 1/2" dia. to 7/8" dia. to accommodate this crank arm and eliminate slippage.

This change went into effect approximately March 1988.

Procedure:

To upgrade the existing chillers with new style crank arms, it will be required to replace the guide vane shaft or complete shaft and seal assembly, and add a shaft sleeve to the actuator shaft to increase its diameter.

	Old Shaft	Old Crank	New Shaft	New Crank**
19EB4, FA4 Electric	19EA43-1052	19D23-2152	19EA43-1872	19DM212-1322
19FA4 Pneumatic	19EA43-1052	17FA402-1182	19EA43-1872	19DM212-1332
19HR	19HR212-153	19D23-2152	19HR212-223	19DM212-1322
19DK/DM (after 4/87)*	19DM212-1103	19D23-2152	19DM212-1123	19DM212-1322
19DK/DM (prior 4/87)*	19D21-1063	19D23-2152	***	19DM212-1322
Actuator	N/A	19D21-2152	****	19DM212-1312
19 Series	N/A	19EB412-1032	superseded by	19DM212-1312

* Refer to Bulletin C8714-A.

** Requires also AA12BS-233 hex head screw (3/8-16 x 1 1/2 lg.).

*** Order P/N 19DM212-223 shaft and seal assembly, which includes the 19DM212-1123 shaft.

**** Add shaft sleeve 19EB402-1042 and secure it with AD15AA-123 screw (10-32 x 5/16 lg.).

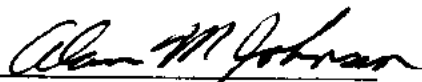
MAIL KEYS: 2.33B, 2.33D, 2.40B, 2.45, 2.53, 5.14A & 5.14B

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