

SERVICE BULLETIN

Supersedes: Nothing

1092

Form M-669-92

File with Form:

SUBJECT: Shaft Seal Kit
YORK P/N 464-47824, 464-47825

The subject kit is intended for use with the YDTH, LTH and YTH Single Stage Compressor. This information is covered in a Service Bulletin dated 292.

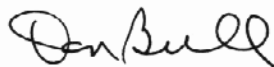
We have discovered a problem with the cover plate. (See attached drawing).

The previous cover plate only entered the seal cavity 1/2", the new one is 1.060" deep (an extra $\pm 9/16$ "). This extra depth covers the oil relief hole for the seal pressure adjustment thus not allowing the seal oil pressure to be adjusted below ± 20 psi.

If you have one of these kits, there are two (2) ways you can make it work.

1. The preferred way would be to have the OD turned down to 4.375" x 9/16" Deep. This is what we will do to our stock. (See Attached Sketch).
2. Cut or file a slab off the side as it is shown on the attached sketch.

If you have any questions, please call me.



D. C. Bull - 36BE
SERVICE ENGINEER

Attach.

SERVICE BULLETIN

Supersedes: Nothing

292

Form 160.45-RP1.3 (Sec.2) (SB)

File with Form: 160.45-RP1.3 (SEC.2)

TO: A. S. Service Managers

SUBJECT: R-11/HCFC123 Single Stage
Shaft Seals

Since we started using the Family IV (131 & 144) Shaft Seal with six (6) springs our leak problems in that family have all but ceased. Therefore, Engineering has put together several kits that can be retro-fitted to previous style units across the board. (Family I - II & III & IV).

If you have a particular unit(s) that have a history of Shaft Seal leaks it is recommended that you use one of the new kits when you need to change one out. This is, of course, once you've eliminated other causes, i.e., mis-alignment etc., etc.

The new kits have been set up in two (2) categories. They are:

1. **Replacement.** This kit is needed to make the initial changeout to the new style seal. It will contain a new cover plate.
2. **Maintenance.** This kit is used after the initial changeout and does not contain the cover plate.

DESCRIPTION	REPLACEMENT	MAINTENANCE
FAMILY I & II YDTJ67-95 LTJ & YTJ	464-47821-000 464-47822-000	464-47823-000
FAMILY III YDTH108-120-126 LTH & YTH	464-47824-000 464-47825-000	464-47826-000
FAMILY IV TK131-144	464-47827-000	464-47828-000
FAMILY III & IV LTL & YDTL	464-47829-000	464-47830-000

Jan Buller

SERVICE BULLETIN

Supersedes:

292

Form 160.46-N1 (SB2)

File with Form: 160.46-N1

TO: A. S. Service Managers

SUBJECT: HCFC123 Vent Lines

Recently we've had some calls questioning us about the need to put heat tape on the purge vent line to where the line exits the building.

The answer is **YES**. You must put heat tape on this line. There is no need to insulate over it as long as the heat tape you choose keeps the line above 80°F. This will prevent any gas being vented into the line from condensing into a liquid. If this line is also the exhaust line for the bursting disc then it should be taped.

There are several types on the market that are suitable for use. The one you choose should be UL and/or CSA approved and meets your local fire codes.

Remember, you want the line to stay above 80°F so I wouldn't recommend a thermostatically controlled tape since most of these won't energize until the temperature reaches 38°F.

There are also heat tapes available for hazardous locations and also some for use in corrosive environments, so govern yourselves accordingly.

Don Bull
D. C. Bull - 36BE
SERVICE ENGINEER

DRW 3M 392 .05
CODE: SJ

SERVICE BULLETIN

Supersedes: Nothing

292

Form 160.48-RP1 (SB2)

File with Form: 160.48-RP1

TO: A. S. Service Managers

SUBJECT: R-11/HCFC123 Single Stage
Shaft Seals

Since we started using the Family IV (131 & 144) Shaft Seal with six (6) springs our leak problems in that family have all but ceased. Therefore, Engineering has put together several kits that can be retro-fitted to previous style units across the board. (Family I - II & III & IV).

If you have a particular unit(s) that have a history of Shaft Seal leaks it is recommended that you use one of the new kits when you need to change one out. This is, of course, once you've eliminated other causes, i.e., mis-alignment etc., etc.

The new kits have been set up in two (2) categories. They are:

1. **Replacement.** This kit is needed to make the initial changeout to the new style seal. It will contain a new cover plate.
2. **Maintenance.** This kit is used after the initial changeout and does not contain the cover plate.

DESCRIPTION**REPLACEMENT****MAINTENANCE**

FAMILY I & II
YDTJ67-95
LTJ & YTJ

464-47821-000
464-47822-000

464-47823-000

FAMILY III
YDTH108-120-126
LTH & YTH

464-47824-000
464-47825-000

464-47826-000

FAMILY IV
TK131-144

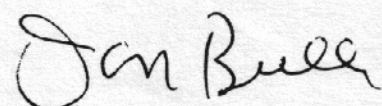
464-47827-000

464-47828-000

FAMILY III & IV
LTL & YDTL

464-47829-000

464-47830-000



SERVICE BULLETIN

Supersedes: Nothing

292

Form 160.48-RP2 (SB2)

File with Form: 160.48-RP2

TO: A. S. Service Managers

SUBJECT: R-11/HCFC123 Single Stage
Shaft Seals

Since we started using the Family IV (131 & 144) Shaft Seal with six (6) springs our leak problems in that family have all but ceased. Therefore, Engineering has put together several kits that can be retro-fitted to previous style units across the board. (Family I - II & III & IV).

If you have a particular unit(s) that have a history of Shaft Seal leaks it is recommended that you use one of the new kits when you need to change one out. This is, of course, once you've eliminated other causes, i.e., mis-alignment etc., etc.

The new kits have been set up in two (2) categories. They are:

1. **Replacement.** This kit is needed to make the initial changeout to the new style seal. It will contain a new cover plate.
2. **Maintenance.** This kit is used after the initial changeout and does not contain the cover plate.

DESCRIPTION**REPLACEMENT****MAINTENANCE**

FAMILY I & II
YDTJ67-95
LTJ & YTJ

464-47821-000
464-47822-000

464-47823-000

FAMILY III
YDTH108-120-126
LTH & YTH

464-47824-000
464-47825-000

464-47826-000

FAMILY IV
TK131-144

464-47827-000

464-47828-000

FAMILY III & IV
LTL & YDTL

464-47829-000

464-47830-000

