

Technical News Bulletin

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Maintenance and Repair Kits

- Kits ensure that you have exactly the right parts to do the job, no more and no less.
- Stock-maintenance is simplified.
- Kits cost less than ordering the parts individually

Many good reasons for using Kits

Preventive Maintenance of mechanisms and accessories is one of the key activities required to ensure round-the-clock operation in a glass plant. And should a mechanism fail, it is vital to have this repaired and returned to the shelf as quickly as possible.

But which parts should a plant keep in stock to carry out this maintenance work, and which items within a mechanism should be replaced? These questions can be difficult to answer accurately, and will depend on the particular configuration of equipment in the plant at that time. Getting the wrong answer can result in very expensive downtime, or an incomplete mechanism refurbishment which may fail again before long.

The best solution is a Repair Kit from Emhart Glass, which completely removes the necessity to guess which parts might be required to be replaced. In addition, stock-keeping is simplified and you have the assurance that the repair contains only the high-quality parts it requires.

Different types of Kits to meet every requirement

Production and Maintenance specialists from Emhart Glass have studied every single mechanism and accessory, both current and legacy, and identified from experience which parts should be replaced during maintenance. Three types of Kits are considered:

- **KB Kit.** This contains all the parts necessary to carry out maintenance on a mechanism or accessory, typically every 1-2 years.
Example:
Kit 210-207-7KB is the maintenance kit for Baffle Mech Holder DG 6¼ 210-2007-7.
- **KC Kit.** This contains all the parts necessary to carry out a complete refurbishment of the mechanism. Typical interval would be about 4 years.
Example:
Kit 191-7555-5KC is the refurbishment kit for Lower Cushioner Unit 191-7555-5
- **KCOM Kit.** Some mechanisms contain sub-mechanisms, each of which has assigned to it a kit, allowing individual sub-mechanisms to be individually maintained. However if the intention is to maintain the entire upper-level mechanism, the KCOM kit should be used, as it contains all the underlying KC kits.
Example:
Kit 23-3048-3KCOM is the kit for refurbishing CC Blowhead Mech 23-3048-3
This kit contains all of the parts from the kits to the sub-assemblies:

23-3048-1	CC Blowhead Mech
23-1115-1	Cylinder Assembly
23-276-4	Cylinder Head assembly

200-2023-1 *Piping CC & Operating Air*
23-1148-2 *Cam assembly*



Each Kit contains exactly the right parts to do the job

Each Kit comes complete in one box (unless the components are too large to be boxed), and contains all of the parts required to carry out the specified maintenance of that particular mechanism. The box also contains a drawing of the mechanism, identifying the individual components. Tools are not included, but Emhart Glass can advise on special requirements.

More than 1'200 Kits are available

Kits are available for almost all current and legacy equipment supplied by Emhart Glass. A complete list, with a search function, can be consulted on the Emhart Glass website under

<http://www.emhartglass.com/en/assemblies/3>

Kits offer a price advantage

The price of a defined Kit is lower than the combined price of its contents ordered individually.

Ordering a Kit is straightforward

Each Kit is identified by the number of the original mechanism, plus the kit type. For example, the KB and KC kits for 210-207-4 Baffle Holder TG 4¾ are 210-207-4KB and 210-207-4KC respectively. Each kit can be ordered in the standard way, using this unique Kit identifier. Kits are covered by the standard Emhart Glass 1-year guarantee.

Special Kits

Standard Kits are defined to provide users with the parts which are required to complete the specified job. The price advantage depends on all the standard pre-defined contents being supplied together, so it is not practical to supply a "partial kit". Of course, it is always possible to order individually a selection of the individual parts defined for a kit, but in such a case the Kit discount would not apply, and the special kit packaging would not be used.

Please contact Emhart Glass to discuss any special Kit requirements you may have.

Summary: the advantages of Kits

- Kits ensure that you have exactly the right parts to do the job, no more and no less.
- It is simple to order a Kit, using just 1 item number
- All the parts for one kit come in one single box, clearly labeled.
- Stock-maintenance is simplified.
- A drawing of the mechanism is provided.
- Kits cost less than ordering the parts individually.