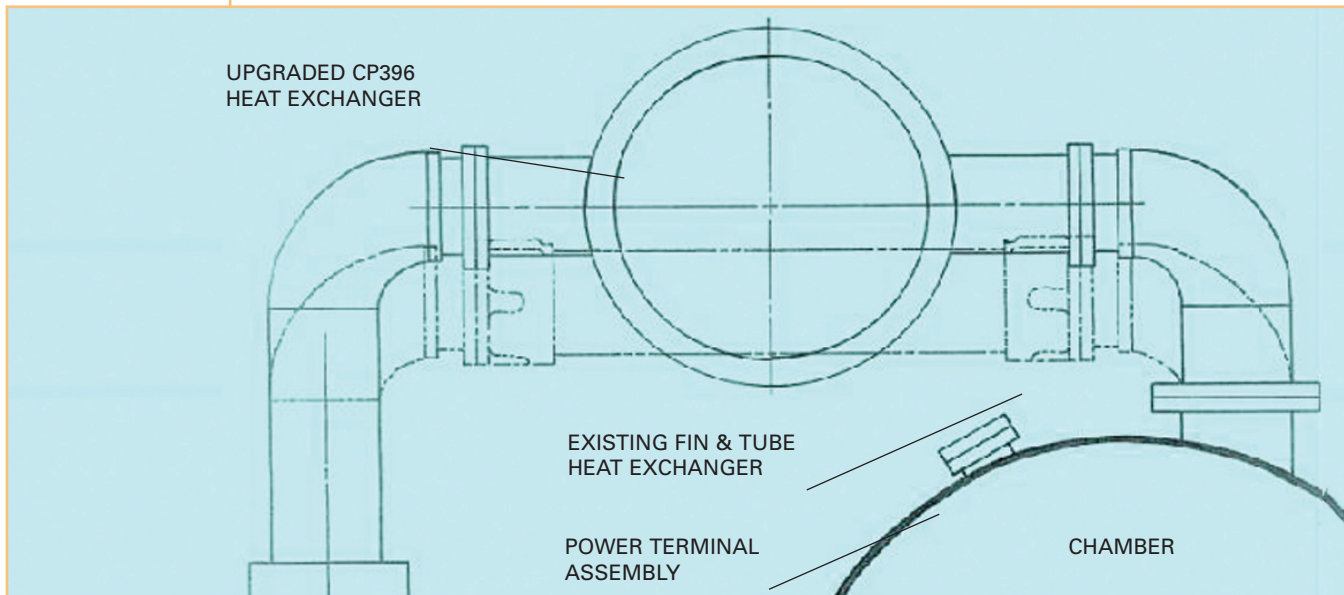




Spare Parts Kit Bulletin

SPK-1

Upgraded CP396 Heat Exchanger For VFS Models



If you have an old Fin & Tube Heat Exchanger, it's time to consider updating to the more efficient CP396 Heat Exchanger for VFS models.

We have done the work of putting all the components together so that all you have to do to install the CP396 is to simply drop it in.

WHEN NEEDED:

Use the CP396 Heat Exchanger to improve efficiency and reduce maintenance. Applies to all VFS external quench furnace models prior to 1995. After 1995, applicable only for systems with blower motors of 20 hp or less.

COMPONENTS & PRICE:

The upgraded Heat Exchanger includes:

- 1 complete heat exchanger tank
- 1 new high performance heat exchanger
- All new seals throughout, simple drop-in replacement
- 2 O-rings for mounting to existing furnace flanges
- O-ring vacuum grease

Contact an Ipsen representative for pricing.

See back page for installation instructions.

ASSEMBLY I NSTRUCTIONS:

1. Shut down furnace water recirculation system, close valves and clamp off feed and drain to existing fin and tube exchanger.
2. Disconnect feed and drain lines, and drain water from lines and heat exchanger, and ensure that they do not interfere with the working area.
3. Position overhead, job crane, or fork lift above existing heat exchanger. Carefully strap heat exchanger so that the weight is uniformly distributed. Lift heat exchanger only enough to remove tension from bolts. The dresser coupling position above the gas cooling blower may have to be loosened to provide a minimal clearance to remove the existing heat exchanger and install the new assembly. Remove all bolts and lift and remove heat exchanger.
4. Clean existing furnace piping flanges and o-ring grooves, and mating CP396 flanges with solvent commonly used for vacuum system parts (Acetone).
5. Clean the o-rings by simply wiping with a lint free disposable industrial wiping cloth. Do not use acetone, alcohol, or any solvent to clean the o-rings.
6. Apply a very thin film of vacuum grease (VFS part # 257508003) onto the o-rings and install into the o-ring grooves on the existing furnace mating flanges.
7. Carefully strap the new heat exchanger assembly to the lifting and positioning equipment. Slide the heat exchanger into place being careful not to damage the new o-rings. Install all of the existing bolts and tighten them. Remember to re-tighten the dresser coupling.
8. Some modifications will need to be made to the existing water feed and drain lines to meet up with the new heat exchanger assembly feed and drain line locations.



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