

ON-LINE CHILLER DECONTAMINATION

Good Chemistry

Today's technically skilled and service-oriented reclaimers have come a long way. They provide contractors with a greatly expanded portfolio of refrigerant related services that free up contractor's technicians. Because of this partnership, contractors are able to effectively streamline operations.

Hudson Technologies can help with moisture removal (the modern chillers worst enemy), semi-annual or quarterly refrigerant testing services, and contaminant removal. This includes contaminants such as chemicals, acids, excess oil, and residue left behind from a burnout. The best part is this can all be done while a system is online, which has contractors very excited.

Hudson developed an online dehydration technique jointly with one of its contractor clients to stop slow leaks. Leaks cause a gradual increase in water levels, which can lead to disastrous results. To remedy this, Hudson technicians connect a high-capacity drier and their ZugiBeast®, a portable reclamation system, to the operating chiller. The moisture is quickly removed while the necessary repairs to the chiller are made.

In a case for a chemical plant, Hudson successfully separated 40,000 pounds of R-12 that had become contaminated with vinyl chloride. The plant was also delaying conversion to 134a because of disposal costs of their contaminated R-12 refrigerant.

Working with a service contractor, Hudson recovered the refrigerant on site, removed all contaminants, separated it, and disposed of the vinyl chloride. Meanwhile, the contractor's techs were able to focus on the high-priority service level work. This teamwork not only ensures a job gets done fast, but it gives customers confidence their refrigerant problems are being handled by skilled professionals.



REFRIGERANTSIDE® SOLUTIONS

- Chiller dehydration & decontamination (online & offline)
- Refrigerant moisture reduction (online & offline)
- Rust and particulate reduction
- Hermetic burnout decontamination
- Residue and particulate removal & decontamination
- Oil logged chiller decontamination
- Chiller decontamination including elimination of mineral oil
- SF6 field recovery

OTHER SERVICES

- Refrigerant recovery
- Refrigerant/oil sampling & analysis
- Refrigerant reclamation
- Cylinder maintenance
- Lithium Bromide Recovery, disposal & analysis
- Glycol Recovery, disposal & analysis

PRODUCTS

- Refrigerant sales
- Refrigerant buyback

