

Annual Chiller Maintenance

The power behind your mission

VSD Maintenance



VSD Annual Kit Promotion

Limited time offer. VSD kit inhibitor price matches the 55 gallon/per gallon price.

Resolves the problem of purchasing 55-gallon drums and trying to solve for the cost allocation problem.

Resolves the problem of purchasing 55-gallon drum and having to move it to smaller containers and transporting it to a customer site.

Resolves the inventory problem of managing the inventory and quantity of a 55-gallon drum.

Provides one part number for all the required VSD maintenance pieces. Spend less time searching for additional part numbers.



Bundle Up & Save - VSD Maintenance Kits - Direct 4.pdf

Bundle (up) and Save!

Limited-time discounts for VSD Maintenance Kits!

Everything needed to perform annual VSD maintenance in one SKU



When: November 1, 2024 through January 31, 2025

What: Variable Speed Drive Preventative Maintenance Kits for liquid-cooled low-voltage (380V-575V) drives used on Centrifugal Chillers. The PM kits and contents are listed on the following tables.

Why: In 2022, Applied Product Technical Support announced new annual requirements for certain YORK Variable Speed Drives to ensure optimum VSD cooling performance and increased reliability. To find the applicable kit, locate your VSD data plate that provides the VSD Model that is required to identify the correct kit from the following tables.

- HYP VSDs now require inhibitor replacement (drain/flush/fill), heat exchanger tube cleaning and gasket replacement, and smart sensor testing.
- VSD, LVSD and PYT VSDs now require inhibitor replacement (drain & fill only), heat exchanger tube cleaning and gasket replacement.

Get all of the applicable parts to perform this required maintenance in a kit at a discounted price.



Resources

[VSD Preventative Maintenance Kits Service Information Letter](#)

[Chiller with York Liquid-Cooled Variable Speed Drives and Starters Manual](#)

Maintenance Requirements

- [HYP Models](#)
- [VSD & LVSD Models](#)
- [PYT Models](#)

Chiller Maintenance Kits



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Annual Chiller Maintenance Kits & Replacement Part Kits

Annual maintenance kits are in stock and ready for purchase.

Annual maintenance kits, [click here](#)

- 4-6% savings over purchasing pieces separately

Preventative and Proactive parts kits [click here](#)

- 4-6% savings over purchasing pieces separately



YK		Proactive Maintenance			
Kit PN	Kit Type	Kit Name & Applicable Models	Kit Contents		
			Item Part Number	Item Description	Qty
025 37840 001	Valve	Solenoid valve body rebuild kit (YK Mod F, G, H) This kit can be used to rebuild the solenoid valve (025 47111 001) when full replacement is not desired. The solenoid valve coil can also be replaced (part number 025 47112 000, order separately). Proactive replacement recommendation: every 29,200 run hours or every 5 years		Diaphragm Assembly	1
				O-ring for Armature Tube	1
				Screw T20	4
				Screw T15	4
				Armature Assembly	1
				Rubber Gasket	1
				O-Ring for Steel Cover	1
				Support Ring	1
	Compress Spring	1			
325 47111 601	Valve	Solenoid valve and o-ring replacement kit (YK Mod F & G) This kit includes a new solenoid valve and o-rings necessary for replacing the entire valve assembly (coil included). Proactive replacement recommendation: every 29,200 run hours or every 5 years	025 47111 001	Valve, Solenoid	1
			028 12961 012	Seal, O-Ring	2
325 47111 606	Valve	Solenoid valve and o-ring replacement kit (YK Mod H) This kit includes a new solenoid valve and o-rings necessary for replacing the entire valve assembly (coil included). Proactive replacement recommendation: every 29,200 run hours or every 5 years	025 47111 006	Valve, Solenoid	1
			028 12961 012	Seal, O-Ring	2
366 94952 609	Sensors	YK Mod F 5 year proactive kit This is a bundled offering that contains many of the items recommended for replacement around the 5 year period of operation; note items requiring refrigerant charge to be removed are not included in this kit. Proactive replacement recommendation: every 29,200 run hours or every 5 years	325 29964 604	Kit, Water Temperature Sensor Replacement	1
			325 43553 600	Sensor, Flow	1
			371 02012 001	Kit, PRV Position Sensor	1
			025 47112 000	Valve Coil, Oil Return Solenoid	1

5- & 10-Year Maintenance Kits

Strategy sessions in October focused on Proactive Services

- 5- and 10-year maintenance kits for YK and YMC2 machines are available.
 - 50% discount off MLP
 - YK 5-year kit part numbers, [click here](#)
 - YMC2 5-year kit part numbers, [click here](#)
 - YK & YMC2 10-year part numbers, [click here](#)
 - YMC2 proactive kits, [click here](#)



2 YMC2 PSR - End User.pdf



7 YVAA & YVFA PSR - End User.pdf



2 YK PSR - End User.pdf

YORK® Proactive Services
Model YK Centrifugal Liquid Chillers

Johnson Controls

Five-Year Time-Based Service

Every five years or 30,000* operating hours, YORK® recommends performing the following Proactive Services and inspections to maximize chiller uptime and performance.

The following are the supported chiller models and corresponding kit part numbers:

YORK YK Chiller Style F: 366-94952-609
YORK YK Chiller Style G: 366-94952-607
YORK YK Chiller Style H: 366-94952-611

* Specific service intervals can be impacted by installation, usage, electrical power quality, environmental conditions and maintenance performed.

Scope Of Work

Replace the following items with genuine YORK parts. New parts are calibrated and tested per manufacturer specifications after installation.

- Entering chilled water temperature sensor
- Leaving chilled water temperature sensor
- Entering condenser water temperature sensor
- Leaving condenser water temperature sensor
- Evaporator water flow sensor
- Condenser water flow sensor
- PRV/VGD position sensor
- Oil return solenoid valve coil

Check the following items and determine if replacement or recalibration are required:

- PRV/VGD actuator
- Condenser liquid refrigerant temperature sensor
- High pressure cutout switch
- High speed thrust collar position sensor

Time-based Proactive Services
Proactive Services make the perfect addition to your existing PSA and chiller maintenance program activities.

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Additional Annual Parts



Oil Part Numbers

Part Description Part Number

- Oil analysis kits – 064 54053 000
- “K” oil 5 gallon – 011 00533 000
- “H” oil drum – 011 00550 000
- “L” oil 5 gallon – 011 00592 000

For additional oil part numbers and quantity, [click here](#)

YORK® Oil Quick Reference Guide				
Type of York Oil	Refrigerant Compatibility	Size	Part number	Applicable Chiller Product Lines and Applications
C	R-11 R-123 R-22	5 Gal	011 00312 000	YR YS S0, S1, S7 Compressors YT
		55 Gal	011 00313 000	
F	R-22 R-123	1 Gal x 6	011 00954 000	YCAL YK Style A, B, C YT
		5 Gal	011 00434 000	
		55 Gal	011 00426 000	
H	R-134a	1 Gal x 6	011 00586 000	YR, YS YD (ambient temperatures above 104F)
		2.5 Gal	011 00993 000	
		5 Gal	011 00549 000	
		55 Gal	011 00550 000	
J	R-134a	Quart	011 00599 000	YK (special applications)
		1 Gal x 6	011 00974 000	
		2.5 Gal	011 00994 000	
		5 Gal	011 00558 000	
		55 Gal	011 00559 000	
K	R-134a R-513a	Quart	011 00572 000	YK (all styles with R-134a or R-513a) CYK, YK-EP YST, YB YG YD (ambient temperatures below 104F)
		1 Gal x 6	011 00560 000	
		2.5 Gal	011 01046 000	
		5 Gal	011 00533 000	
		55 Gal	011 00534 000	
L	R-134a R-513a	Quart	011 00962 000	YCAS, YCAV, YCIV, YVAA, YVFA
		1 Gal x 6	011 00956 000	
		2.5 Gal	011 00995 000	
		5 Gal	011 00592 000	
		55 Gal	011 00591 000	
S	R-22	5 Gal	011 00922 000	YS S2-S5 Compressors
		55 Gal	011 00921 000	
V	R407c	5 Gal	011 00949 000	YCAL

Additional Part Numbers

Tube brushes

- We stock and drop ship a selection of Goodway tube brushes.
- We also can order Goodway tube cleaning machines.

Inhibitor/coolant

- 1 gallon 013 04129 000
- 5 gallon 013 04128 000
- 55 gallon 013 04127 000

Sporlan filter/driers

- Available for all your air-cooled chiller requirements
 - Priced very competitively to help you save margin dollars on your contracts or increase profitability on your L&M tickets.
 - Free freight starting mid-November

Tube Brush	
Description	Part Number
GOODWAY SGB-100	027 01924 000
GOODWAY, GTC-211-7/8	027 01929 000
GOODWAY GTC-211-9/16	027 01928 000
GOODWAY GTC-211-1/2QC	027 01926 000
GOODWAY SGB-075	027 01932 000
GOODWAY GTC-211-7/8QC	027 01927 000
GOODWAY ESGB-Q-062	027 01921 000
GOODWAY, GTC-211-1	027 01930 000
GOODWAY GTC-211Q-5/8	027 01923 000
GOODWAY GTC-211-13/16	027 01931 000
GOODWAY, BRUSH, ESGB-Q-050	027 01027 000
GOODWAY, BRUSH ENN-062-Q	027 01023 000
GOODWAY BRUSH GTC-210Q-1	027 01025 000
GOODWAY BRUSH SGB-Q-100	027 01024 000
GOODWAY BRUSH GTC-211Q-7/16	027 01022 000
GOODWAY BRUSH GTC-200BQ-1	027 01026 000
GOODWAY, ENN-090-Q	027 01920 000
BRUSH, PORTABLE CHILLER TUBE	027 01925 000
BRUSH, PORT TUBECLEANER	027 01922 000

Thank you