



Service Information

File In/With:	SI0387	
	Supersedes SI0387 (1020)	Rev 521
Equipment Affected:	YK MOD Mod A thru G, YD, YKEP, CYK, YS and YT	
Oil Cooler(s) Availability		

GENERAL

This service information letter is intended to provide the service technician with the information necessary to order and install replacement oil coolers for the JCI/YORK family of package chillers which includes YK, YD, YKEP, CYK, YT and YS.

The current family of refrigerant cooled oil coolers are at the end of their respective manufacturing life and are being superseded to similar but upgraded designs by our suppliers. There are differences in the connection and fitting sizes for each of the oil coolers that will require a service kit be provided with the new oil cooler that will make installation easier.

OIL COOLER IDENTIFICATION

To accurately identify the oil cooler to be replaced you must identify the chiller mod level, example; YK Mod A, and compressor model, J1. Both will be required in *Table 1* and/or *Table 2*. Once you know what your chiller and compressor models are, you can use *Table 1* to identify the PN for the upgrade kit.

For some limited models (YK Mod A thru E) there are still a limited number of original oil coolers in stock but the oil cooler model may need to be known. This can be determined by referencing *Table 2* and then *Figure 1*. If these original variations are not in stock they will supersede to the kits shown in *Table 2*.

SERVICE PARTS IDENTIFICATION AFTER UPGRADE

To be able to provide details for service of the upgraded oil coolers, the Bill of Material (BOM) for each of the kits are shown as smaller tables following *Table 1* and *Table 2*. These BOM's will list all components of each kit so every part can be ordered separately for future service if needed.

Work on this equipment should only be done by properly trained personnel who are qualified to work on this type of equipment. Failure to comply with this requirement could expose the worker, the equipment and the building and its inhabitants to the risk of injury or property damage.

The instructions on this service information letter are written assuming the individual who will perform this work is a fully trained HVAC & R journeyman or equivalent, certified in refrigerant handling and recovery techniques, and knowledgeable with regard to electrical lock out/tag out procedures. The individual performing this work should be aware of and comply with all Johnson Controls, national, state and local safety and environmental regulations while carrying out this work. Before attempting to work on any equipment, the individual should be thoroughly familiar with the equipment by reading and understanding the associated service literature applicable to the equipment. If you do not have this literature, you may obtain it by contacting a Johnson Controls Service Office.

Should there be any question concerning any aspect of the tasks outlined in this bulletin, please consult a Johnson Controls Service Office prior to attempting the work. Please be aware that this information may be time sensitive and that Johnson Controls reserves the right to revise this information at any time. Be certain you are working with the latest information.

TABLE 1 - OIL COOLER IDENTIFICATION

Chiller Family	Mod Level	Compressor Model	Kit Part Number
YK	A and B	G3, G4, H0-H2, J1-J4	See Table 2
YK	C, D and E	G4, H0-H6, H8, J1-J4	327 43053 000
YK	F	P1- P9, H9, Q3-Q7,	327-37549-000
YK	F	H and J	327 37958 000
YK	G	Q3-Q7 all, (P7, P8 and H9 before 1-21-2008)	327 37549 000
YK	G	P7 after 1-21-2008	327 37909 000
YK	G	P8, P9 and H9 after 1-21-2008	327 41701 000
YK	G	K1-K4 and K7	327 37958 000
YD		J1 thru J5 for YD Chillers	327 43053 000
YD		J7 for YD Chillers	327 43054 000
YKEP		Q3	327 50058 000
YKEP/CYK		K7	327 45981 000
YS		S4 and S5	327 36552 000
YT		YT All	327 36768 000

TABLE 2 - OIL COOLER IDENTIFICATION

Chiller Family	Mod Level	Compressor Model	Oil Cooler Model	Part Number
YK 1, 3	A and B	G3, G4, H0-H2, J1-J4	All SWEP	02632833SWEP
YK 2, 3	C, D and E	G4, H0-H6, H8, J1-J4	SWEP Only	02632833SWEP
YK 2, 3	C, D and E	G4, H0-H6, H8, J1-J5	Flat Plate Only	02632833FLAT
YS	–	S0 thru S3	All	026 36536 000

1. Will supersede to Kit 327 37549 000 after stock is depleted
2. Will supersede to Kit 327 43053 000 after stock is depleted
3. Use Figure 1 drawing to determine if current oil cooler is SWEP or FLAT PLATE by using the dimension table in the drawing and order accordingly. All PN's will supersede to the kits shown in Table 1 once the PN's in Table 2 are depleted.