

Discus III Service Replacement



EMERSON™
Climate Technologies

New Discus III 4D & 6D Models

- **4D & 6D Models Only**
- **Equivalent Capacities & Efficiencies As Discus II**
- **Same Mounting and Line Connections As Discus II**
- **Deep Sump Models Eliminated**
- **Oil Cooler Models Eliminated**

Current Discus Example

4DH3R22ML-TSK-800

Or Digital Model

4DHD R22ML-TSK-800



New Discus III Example

4DHN R22ML-TSK-A00

Or Digital Model

4DHXR22ML-TSK-A00

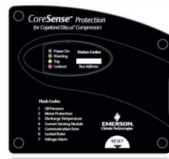


Discus II Service Brackets

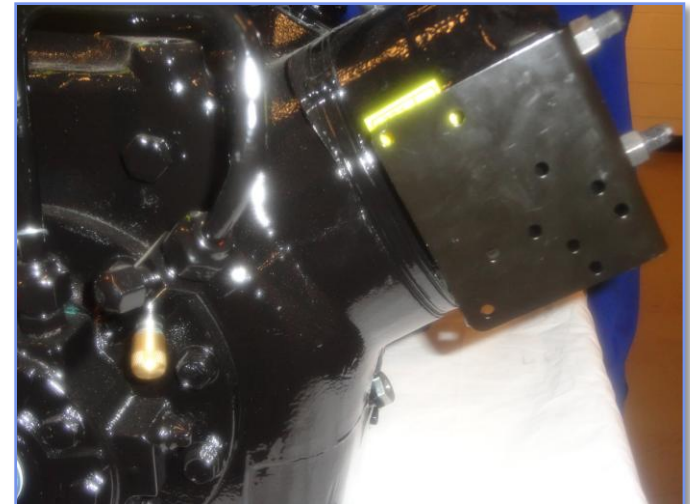
- As Of May 1st, 2013 All Discus II Service Compressors Will Include The Universal Bracket Installed On The Compressor.
- Discus II Models Built Before May 1st 2013 will Require The Universal Mounting Bracket Kit (974-1315-00)

Universal Bracket Compatible With

- CoreSense Protection



- Sentronic + and Sentronic III



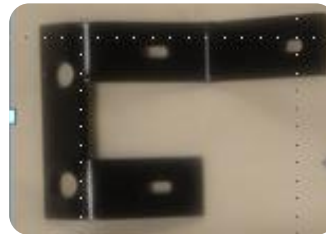
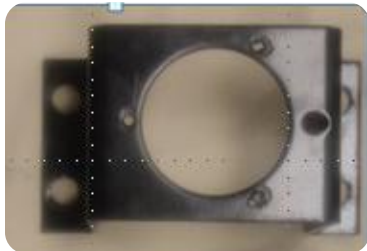
Discus II Service Brackets

- Aug 1st 2013 All Discus II Service Compressors Will Include The Low Temp Bracket Kits.
- Compressors Built Before July 2013 Will Require Mounting Brackets If The Compressor Is Equipped With Head Fans and/or Demand Cooling.

4D Head Fan Bracket, Demand Cooling Bracket and Parts Bag.



6D Head Fan Bracket, Demand Cooling Bracket and Parts Bag.



See Copeland Discus III to Discus II Cross Reference (2012 DS-47)

Unique DIII Service Model Requirements

- **Discus III 6DJ/R/S**

- **Service Replacement Will Be A Discus II -899 Flat Bottom Plate Model**

6DJNR40ME-XXX-C00
6DRNR40ME-XXX-C00
6DSNR40ME-XXX-C00 } 6DS3R40ME-XXX-899

- **Discus III Models (4DB/C)**

- **Initial Service Replacement Will Be A Discus III Model (4DC -800 BOM)**

- **Discus III Models (6DU/V)**

- **Service Replacement Will Be A Discus III Model (6DU/V -800 BOM)**

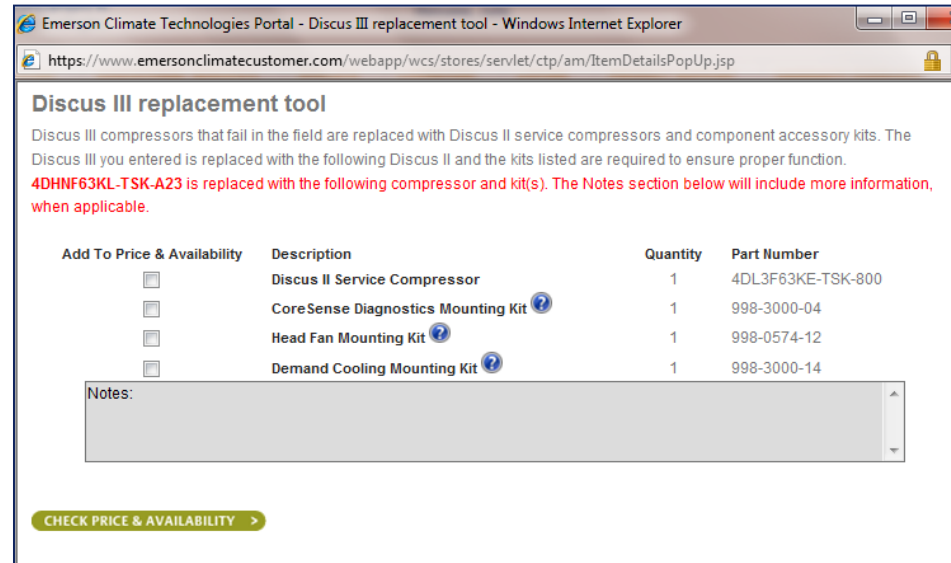
- **Discus III With -A00 BOMs Will Require Special Bracket Kit**

- **See Copeland Discus III to Discus II Cross Reference (2012 DS-47) For Correct Kit Numbers**

All Unique Service Models On Hand At Mt. Comfort

Discus III Service Replacement Tool

- In Production On The Wholesaler Portal
- Make Sure Pop Up Blockers Are Off



Emerson Climate Technologies Portal - Discus III replacement tool - Windows Internet Explorer

https://www.emersonclimatecustomer.com/webapp/wcs/stores/servlet/ctp/am/ItemDetailsPopUp.jsp

Discus III replacement tool

Discus III compressors that fail in the field are replaced with Discus II service compressors and component accessory kits. The Discus III you entered is replaced with the following Discus II and the kits listed are required to ensure proper function.

4DHNF63KL-TSK-A23 is replaced with the following compressor and kit(s). The Notes section below will include more information, when applicable.

Add To Price & Availability	Description	Quantity	Part Number
<input type="checkbox"/>	Discus II Service Compressor	1	4DL3F63KE-TSK-800
<input type="checkbox"/>	CoreSense Diagnostics Mounting Kit ?	1	998-3000-04
<input type="checkbox"/>	Head Fan Mounting Kit ?	1	998-0574-12
<input type="checkbox"/>	Demand Cooling Mounting Kit ?	1	998-3000-14

Notes:

[CHECK PRICE & AVAILABILITY >](#)

Copeland Discus™ III to Copeland Discus II cross reference matrix

Use this matrix to determine required accessory kits if you are replacing a field-failed Copeland Discus III compressor with a Copeland Discus II service model.

4D	Kit #		Do I need this kit? Check the Discus III nomenclature	Kit Includes:	Special notes
	CoreSense™ Protection	CoreSense Diagnostics (ISD)			
Electronics kit	974-1315-00	998-3000-04	4DKNF63KE-TSE-C00 C = Protection kit 4DKNF63KE-TSK-A00 A = Diagnostics kit	Mounting parts (studs and nuts) necessary to reinstall CoreSense Protection or Diagnostics on Discus II service model.	You will never need both of these kits, but you will always need one. (The exception is the -441 BOM. In this case, neither kit is required.)
Low temp kit	998-3000-14 (Demand Cooling™) 998-0574-12 (head fan) 998-0574-20 (digital head fan)		4DKNF63KE-TSK-A00 You need it if this digit is F**	Head fan and Demand Cooling mounting kits (including studs and nuts)	Depending on the refrigerant in the system, you may not need to use the demand cooling mounting parts.
Unloading kit	998-0212-00 (less coil) 998-0212-02 (115 volt coil) 998-0212-03 (208/220 volt coil)	998-0212-00 (less coil) 998-0212-01 (24 volt)	4DKNF63KE-TSK-A00 You need it if this digit is anything except H, J, B or G	Gasket and solenoid valve assembly	4D models receive one unloading kit. NOTE: It is possible unloading has been added to the compressor at the time of install. If this is the case, an unloading kit will be required.
6D	Kit #		Do I need this kit? Check the Discus III nomenclature	Kit Includes:	Special notes
	CoreSense Protection	CoreSense Diagnostics (ISD)			
Electronics kit	974-1315-00	998-3000-06	6DKNF93KL-TSK-C00 C = Protection kit 6DKXF93KL-TSK-A00 A = Diagnostics kit	Mounting parts (studs and nuts) necessary to reinstall CoreSense Protection or Diagnostics on Discus II service model.	You will never need both of these kits, but you will always need one. (The exception is the -441 BOM. In this case, neither kit is required.)
Low temp kit	998-3000-16 (Demand Cooling) 998-0574-13 (head fan)		6DKXF93KL-TSK-A00 You need it if this digit is F**	Head fan and Demand Cooling mounting kits (including studs and nuts)	Depending on the refrigerant in the system, you may not need to use the demand cooling mounting parts.
Unloading kits	998-0212-00 (less coil) 998-0212-02 (115 volt coil) 998-0212-03 (208/220 volt coil)	998-0212-00 (less coil) 998-0212-01 (24 volt)	6DKXF93KL-TSK-A00 You need it if this digit is anything except H, J, B or G	Gasket and solenoid valve assembly	6D models receive two unloading kits. NOTE: It is possible unloading has been added to the compressor at the time of install. If this is the case, unloading kits will be required.
	(2 kits will be sent *)				

* Digital compressors (6DKXF93KL-TSK-A00/this digit of the Discus III nomenclature is X) will only receive one kit. Digital applications run one unloader head and one digital head.

** Refer to OEM equipment guidelines. Demand Cooling is only used in R-22, R-407A & R-407A applications.

NOTE: Any 6DJ, 6DR, or 6DS Discus III model being replaced with a Discus II must be a -899 B.O.M. (example- 6DE3F11ME-TSK-899).

This model has a standard bottom plate in place of the deep sump bottom plate.