

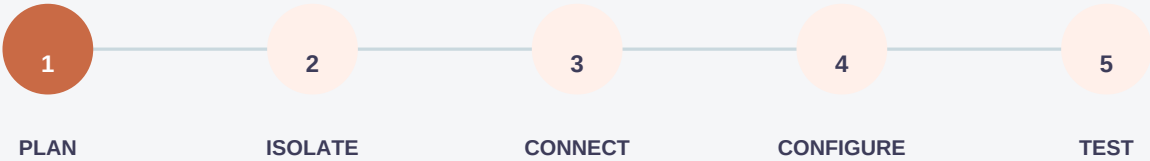
51401496-100

51401496-100 Dual-Node Fan Assembly

CONTROLLED ENGINEERING COPY

Honeywell 51401496-100 is the 51401496-100 Dual-Node Fan Assembly used for cooling of the documented dual-node card-file installation in a documented Honeywell TDC 3000 installation. Confirm the complete identity and installed system configuration before replacement.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	51401496-100
Manufacturer	Honeywell
System family	Honeywell TDC 3000
Record scope	Installation, application and verification



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01 PRE-INSTALLATION PLAN

- 1

Confirm the complete 51401496-100 identity on the hardware and maintenance record.
- 2

Place the affected Honeywell TDC 3000 process in the approved maintenance state.
- 3

Record the installed position, connectors, terminals, wiring and configuration before removal.
- 4

Isolate all documented power and field energy and apply ESD controls where required.
- 5

Inspect the replacement identity, revision, interfaces and mating hardware before installation.

MATCHED HARDWARE

- Honeywell 51401496-100 with exact visible identity
- Matched Honeywell TDC 3000 host
- Documented power, field and communication interfaces
- Approved configuration and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	51401496-100 recorded
Physical interface	Installed terminals, ports and signals matched to the as-found record
Configuration	Approved Honeywell hardware and system configuration restored
Functional proof	Controlled test confirms cooling of the documented dual-node card-file installation

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Product type	Dual-node fan assembly
Part number	51401496-100
Honeywell service description	FAN ASSY 2 NODE
System family	TDC 3000
Installation role	Dual-node card-file cooling
Service scope	Fan operation, airflow and cabinet temperature checks

RELATED PRODUCT PAGES

1 Honeywell 51401642-150

2 Honeywell 621-2200RC

3 Honeywell 8C-PAOH51 51454355-175

4 Honeywell 8C-TAIMA1 51307171-175

5 Honeywell 8C-TAOXA1 51307135-175

6 Honeywell 8C-TDILA1 51307141-175

7 Honeywell MC-PAOX03 51309152-175

8 Honeywell MC-TAIH12 51304337-150

9 Honeywell MC-TAOX12 51304335-175

FIELD NOTE

Confirm 51401496-100 and the installed system before release.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	51401496-100
Physical interface	Installed terminals, ports and signals matched to the as-found record
Configuration	Approved Honeywell hardware and system configuration restored
Functional proof	Controlled test confirms cooling of the documented dual-node card-file installation

04 RETURN-TO-SERVICE RECORD

- ☐ Inspect the replacement identity, revision, interfaces and mating hardware before installation.
- ☐ Restore every conductor, cable, power path and configuration value to the approved record.
- ☐ Review host, module, channel or network diagnostics after controlled energization.
- ☐ Perform a controlled test that proves cooling of the documented dual-node card-file installation before release.

VERIFICATION RECORD

PRODUCT IDENTITY	51401496-100
INSTALLED POSITION	Documented Honeywell TDC 3000 position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

FUNCTIONAL ACCEPTANCE CHECKLIST

- ☐ Inspect the replacement identity, revision, interfaces and mating hardware before installation.
- ☐ Restore every conductor, cable, power path and configuration value to the approved record.
- ☐ Review host, module, channel or network diagnostics after controlled energization.
- ☐ Perform a controlled test that proves cooling of the documented dual-node card-file installation before release.

SOURCE IDENTIFIERS

Honeywell TDC 3000 service parts record | Honeywell manufacturer publication