
New OSP Cabinet Direct Replacement Fans Available for Brightspeed

Provided By:



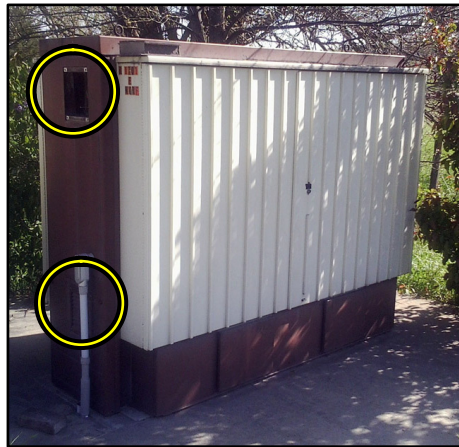
TAG INC.

Telecom Assistance Group, Inc.
856-753-8585
www.tagcords.com

MESA CABINET HEAT EXCHANGERS



80 TYPE CABINET (SLC 2000) SOLUTIONS (HX, internal fans & alarm boards)



MARCONI MESA HEAT EXCHANGERS

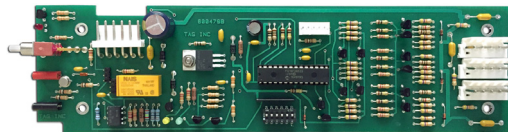


LITESPAN 2000 FANS



Cabinet Environmental Control Units (ECU)

ALARM CONTROL BOARDS



for LUCENT 2B/2C, 4A/4B,
4G/SLC2000 Fan Trays
& 114A / 116A Control Units

NORTEL OPAC / OPM ACCESS NODE FANS



7330 VRAD, ARGUS, DMS-100 OPM, COMMSCOPE 6D/F, 6B/C, FUJITSU 6200,
LUCENT 2A / 2B / 2C, NOREN, SIEMENS, SLC96, TELLABS UMC1000 & MORE

856-753-8585



Part #	Description	Brightspeed SAP MAT #	MAT #	PG #
OSP CABINET / TRAY FANS & ALARM CONTROL BOARDS				
TF-NTOPAC	48V Fan for Nortel Opac / OPM Cabinet w/ Round Weatherproof Connector	1337634	1337634	1
TF-NTOPAC-02	48V Fan for Nortel Opac / OPM Cabinet w/ Sealed 3 Pin Plug	1337635	1337635	1
TF-NTOPAC-3	48V Fan for Nortel Opac / OPM Cabinet w/ 3 Wire Open End (no connector)	1341516	1341516	1
TF-NTOPAC-04	48V Fan for Nortel Opac / OPM Cabinet w/ Sealed 3 Pin Plug		1341517	1
TFG-162KIT-01	Guard Grill Repl. Kit for Round 162mm Fans (includes hardware)			1
TF-NTOPAC-05	48V Fan for Nortel Opac Access Node Tray / 800A w/ 3W (FPS) & 3 Pin Plug		7017863	2
TF-NTOPAC-05F	48V Fan for Nortel Opac Access Node Tray w/ Pwr Prongs, Unterm. FPS			2
TF-NTANCFT-01	48V Fan for Nortel Access Node/Charles Tray (92-FAN840-X) w/ 3 Wire Plug			2
TF-DMS06	48V Fan for BFU in DMS-100 OPM Cbnt w/ Pwr Prongs & Unterm. Tach Lead		1359400	3
TFR-8X06ABT	Tray Refurbish-Paddleless Alarm Conversion Upgrade for DMS OPM NT8X06AB			CALL
TF-SLCAPW-01	(1) 48V Fan for SLC 2000 Cbnt - Reltec/Mclean APW Tray w/ 3W Open End		1358927	4
TF-SLCAPW-04	(4) 48V Fans for SLC 2000 Cbnt - Reltec/Mclean APW Tray w/ 3W Open End	1358928	1358928	4
TFC-SLCAPW-4	Alarm Control Board for Reltec/Mclean APW Fan Tray		1459111	4
TF-SLC201-02	48V Heat Exchanger for 80 Type Cabinet w/ Round Screw on Connector (equiv. to KS23912L4)	1337731	1337731	5&6
TFC-114A-01	114A Fan Control Unit for 80 Type Cabinet Heat Exchangers (106894934 equiv)		1355243	5&6
TFC-LU4-01	Alarm Control Board for Lucent 4A/4B, 4G/SLC2000 Trays & 114A Ctrl Units		1355244	5&6
TF-SLCBC-01	48V Battery Cooling fan for 80 Type Cabinet w/ 3 Wire Plug		1461343	5&6
TFC-116A-01	Alarm Control Board for Lucent 116A Battery Fan Unit		1459078	5&6
TF-SLC201	48V Fan for SLC 2000 - Lucent 4A/4B Tray w/ 5 Wire Plug (KS23912L6 equiv.)	1336047	1336047	5&6
TF-LU2A	48V Fan for Lucent 2A Fan Tray w/ 3 Leads & Fastons (KS22501L5 equiv.)		1336048	7
TF-LU2B	48V Fan for Lucent 2B Fan Tray w/ 3 Wire Plug (KS22501L5A equiv.)		1336049	8
TF-LU2C	48V Fan for Lucent 2C Fan Tray w/ 3 Wire Plug (KS22501L5A equiv.)		1336060	8
TFC-LU2BC-01	Alarm Control Board for Lucent 2B & 2C Fan Trays		1458909	8
TF-LU2C-02F	48V Fan for Lucent 2C Fan Tray w/ 3 Wires & Faston Connectors			CALL
TF-ES660-01	24V (60x25mm) Fan for Lucent ES660 Rectifier Unit w/ 2 Wire Plug			9
TF-RECARGUS-01	12V (80mm) Fan for Argus Rectifier w/ 2 Wire Plug			9
TF-RECARGUS-02	24V (80mm) Fan for Argus Rectifier w/ 2 Wire Right Angle Plug		1474133	9
TF-RECARGUS-03	24V (80mm) Fan for Argus Rectifier w/ 2 Wire R/A Plug & Threaded Inserts			9
TF-RECARGUS-04	12V (120mm) Fan for Argus Rectifier w/ 2 Wire Open End			9
TF-ALC7330-4	Alcatel 7330 VRAD Fan Kit w/ Quick Install Template Plate		1341518	CALL
TF-ALC7330-C	(1) 48V Fan for Alcatel 7330 VRAD Tray w/ 3 Wire Open End (for splicing)		1341616	CALL
TF-ALC1218-01	24V Fan for Alcatel 1218 Cabinet Fan Trays w/ 2 Wire, 3 Pin Connector			CALL
TF-ALC1218-02	48V Fan for Alcatel 1218 Cabinet Roof w/ 2 Unterminated Leads			CALL
TF-ALC7342-01	48V Fan for Nokia 7342 Rolt Fan Tray w/ 4 Wire Plug			CALL
TF-COM6DF-01	48V Fan for CommScope Cabinet, 6D/F Bay w/ Internal Thermal Sensor & 3 Wire, 6 Pin Connector		1355242	10
TF-COM6DF-02	48V Fan for CommScope Cabinet, ALP HX Door w/ 5 Wire, 6 Pin Connector			10
TF-COM6DF-02R	48V Fan for CommScope 52/82 Cabinet, HX Door w/ 5 Wire, 6 Pin Connector (w/10k thermistor cable)		1465437	10
TF-COM6DF-04	48V Fan for CommScope Cabinet, 6D/F Bay w/ Internal Therm Sensor & 3 Wire, 4 Pin Connector		1466315	10
TF-COM6BC-01	48V Fan for CommScope Cbnt, 6B/C Battery/ALP HX Door w/ 3W, 4 Pin		1439621	10
TF-COM52E-01	48V Fan for CommScope 52E Cbnt, Battery w/ (1) 2W, 4 Pin & (1) 2W, 2 Pin		1466728	10
TFT-COM48B-01	"Salt Air Door Fan Tray" 3-Fan Stainless Steel Assembly for CommScope ALP 448/248 HX Door Fans			CALL
TF-FUJ6200-01	48V Heat Exchanger for Fujitsu 6200 Cabinet w/ 5 Wire Plug		1359018	11
TF-FUJ6200-02	48V Fan for Lorain/Marconi M.P.S. in Fujitsu 6200 Cbnts w/ Power Prongs			11
TF-FUJ6200-03	48V Fan for Fujitsu 6200 Cabinet Tray w/ 3 Wire Open End & Power Prongs			11



Part #	Description	Brightspeed SAP MAT #	MAT #	PG #
OSP CABINET / TRAY FANS & ALARM CONTROL BOARDS - continued from previous page				
TF-DISCSCPU-01	48V Cooling Fan for DISC*S CPU w/ 2 Wire Open End <i>(fan only, use with existing bracket)</i>		1479944	12
TF-CN5150HX-01	48V HX for Telamon/Ciena 5150 EMUX Cbnt Door w/ 4 Wires & Sealed Conn.			12
TF-AI-SCT-01	48V (80mm) Fan for AISCOUT w/ 3 Wire Right Angle Plug			12
TFT-SLC96-AC01	110VAC Fan w/ Bracket Assembly for SLC96 (36 Type) Cabinet <i>(equiv. to KS22099L5)</i>	1356198	1356198	13
TFT-SLC96-AC01L	110VAC (Low Temp) Fan w/ Bkt Assembly for SLC96 (36 Type) Cabinet <i>(equiv. to KS22099L5)</i>			13
TF-SLC96-AC02	110VAC Fan (fan only) for SLC96 (36 Type) Cabinet <i>(use in KS22099L5)</i>		1356199	13
TF-LS2000-01	48V Fan for Litespan 2000 PDFA w/ 3 Wire Plug & Guard Grill <i>(use in # 500-1126-723)</i>		1341519	14
TFC-PDFA-X2	Alarm Control Board for Litespan 2000 PDFA Trays <i>(use in Fan Tray # 500-1126-723)</i>			14
TF-LS2000-02	48V Fan for Litespan 2000 High Velocity PDFA w/ 3 Wire Connector		1356400	14
TFC-PDFA-01	Alarm Control Board for Litespan 2000 HV PDFA Fan Trays <i>(use in # 509-0000-086/163)</i>			14
TF-LS2000-03	48V Heat Exchanger for Litespan 2000 Cabinet w/ Unterminated Leads		1359389	15
TF-LS2KSB-01	48V Heat Exchanger for Litespan 2000 Cabinet Heat Stack w/ Power Prongs		1496549	15
TF-LS2000-44	Litespan 2000 DFA Fan Kit <i>(w/ (4) 48V Fans & Wiring Harness w/ 12 Wire Plug)</i>		1445489	15
TF-LS2000-04	(1) Individual 48V Fan for Litespan 2000 DFA Tray w/ 3 Wire Open End		1445620	15
TFC-DFA-01	Alarm Control Board for Litespan 2000 DFA Fan Trays <i>(use in tray # 500-1100-XXX)</i>		1458948	15
TF-ACABTZ-01A	48V HX (Tarzan) for Litespan 2000 (LSC-2030) Cabinet (includes Adapter)		1359388	16
TF-ACABLHX-01	48V Heat Exchanger (Lower) for Litespan 2000 (LSC-2030) Cabinet		1460436	16
TF-LRA25B50-01	24V Fan for A25B50 Rectifier Unit (Lorain / Marconi) w/ 3 Wire Plug			17
TF-LPCM-01	24V Fan (80mm) for V15F50/P Lorain Power Conversion Module w/ 3 Wire Male Plug			17
TF-LPM-01	48V Fan for Lorain Power Module w/ Power Prongs <i>(fan only-use in # 427215900)</i>			17
TF-MESACL-01	48V Fan for Marconi Current Limiter w/ 3 Wire Plug			17
TF-MCABTZ-01	48V HX (Tarzan) for Marconi Mesa "Top" HX Cabinet w/ 3 Wire Plug	1359387	1359387	18
TF-MESA6-01	48V Heat Exchanger for Marconi Mesa "Bottom" HX Cabinet w/ 3 Wire Plug	1359091	1359091	18
TF-MARCTOP-01	48V Fan for Marconi Cabinet (Top/Inside) w/ Power Prongs			CALL
TFC-FA400-01	Alarm Control Board Replacement for Marconi Mesa Master Tray		1479565	19
TF-FA400-01	48V Fan for Marconi Mesa Cabinet Master Fan Tray w/ 3 Wire Plug	1439622	1439622	19
TF-FA400-02	48V Fan for Marconi Mesa Cabinet Slave Fan Tray w/ 3 Wire Plug	1439623	1439623	19
TFC-MARC6-01	6 Position Environmental Control Unit (ECU) for Marconi Cabinet <i>(supports 6 HX fans)</i>		1461075	20
TF-MESA384-01	48V (External) HX for Mesa DSLAM 384 Cbnt w/ 4W (Rnd)(F) Wthrproof Plug			CALL
TF-MESA384-02	48V (Internal) HX for Mesa DSLAM 384 Cbnt w/ 4 Wire (Square) Female Plug			CALL
TFC-MESA-04	4 Port Environmental Control Unit (ECU) <i>(used in Mesa 2 - DSLAM 192 & 384)</i>			CALL
TFC-MESA-02	2 Port Environmental Control Unit (ECU) <i>(used in Mesa 2 - DSLAM 192 Type Cabinets)</i>			CALL
TFC-MESA246-01	6 Fan Environmental Control Unit (ECU) for Remote Cabinet Sites		1461124	21
TFCS-MESA246-08	Extension Cable for Mesa Fan Controllers, (8')		1475550	21
TFC-WORX-FAM1	PowerWorx Front Access Fuse Panel <i>(Equiv. to ADC # TFA-FAM)</i>			CALL
TFT-NXWDL-02	TAG Universal 19/23 "Harsh Environment" Cabinet Fan Tray		1472248	22
TFT-NXTLEV-03MC	TAG Fan Tray for Next Level Cabinet <i>(includes NEW Fan Tray & (3) NEW 48V Fans)</i>		1444040	22
TF-NXTLEV-03	48V Fan Assembly for Next Level Cabinet Fan Trays <i>(includes (3) 3 Wire Fans)</i>		1358901	22
TFT-NXWDL-01	TAG Universal 19/23 Cabinet Fan Tray <i>(fits 19" & 23" bays)</i>		1451023	22
TF-DCORLS-01	48V Fan for Stromberg Carlson DCO RLS Cabinet Tray w/ 3 Fastons & Power Prongs		1481914	CALL
TF-SPB-AC01	120VAC Fan for Seiscor / Pulsecom "B" Cabinet w/ Power Prongs			CALL
TF-SPD-AC01	110VAC Fan for Seiscor / Pulsecom "D" Cabinet w/ Power Prongs & Grill		1501798	CALL



Part #	Description	Brightspeed SAP MAT #	MAT #	PG #
OSP CABINET / TRAY FANS & ALARM CONTROL BOARDS - continued from previous page				
TF-UMC1000-01	48V Fan (120mm) for Tellabs UMC1000 Tray w/ 3W Plug (use in Tray w/ 6 fans)		1466657	23
TFC-UMC1000-06	Alarm Control Board for Tellabs UMC1000 Tray (use in AFC tray w/ 6 fans)			23
TF-UMC1000-02	48V Fan (80mm) for Tellabs UMC1000 Tray w/ 3W Plug (use in Tray w/ 10 fans)		1466656	23
TF-UMC1000-03	48V Fan (120mm) for Tellabs UMC1000 Tray w/ 4W Plug (use in Tray w/ 8 fans)		1466761	23
TF-UMC672-01	48V Fan for UMC672 Cabinet w/ 2 Wire Plug (fan only, use with existing housing)			23
TF-MC133-02	(133mm) Heat Exchanger for Mesa 768 Cabinet w/ 3 Pin Plug	1355448	1355448	24
TF-MC133-05	(133mm) Heat Exchanger for Mesa Sport Cabinet w/ 3 Pin Bulkhead Plug	1482855	1482855	24
TF-CSHX133-01	(133mm) Heat Exchanger for Cell Site Mesa Sport Cabinet w/ 4 Pin Male Weatherproof Plug			24
TF-MC133-01	(133mm) HX for Purcell FlexAir 741 (Door) w/ 4 Leads & Fastons	1358926	1358926	25
TF-MC175-04	(175mm) HX for Purcell A009 Cabinet w/ Weatherproof Connector			25
TF-MC175-04-KIT	(175mm) HX KIT for Purcell A009 Cabinet w/ Weatherproof Conn. & Bracket			25
TF-SRA200-01	(175mm) Heat Exchanger for SRA-200 Cabinet w/ 3 Wire Plug (fan only)		1492655	26
TF-MC175-02	(175mm) Heat Exchanger for Mesa 4 NXT Cabinet (for Siemens ICN 087-23500-10)		1358925	26
TF-MC175-03	(175mm) Heat Exchanger for OSP Cabinet w/ 3 Pin Plug		1358924	26
TF-MC175-03W	(175mm) HX for Tellabs 1000 w/ 3 Leads		1458675	CALL
TF-MC175-01	(175mm) Heat Exchanger for Siemens 914EX Metro MXU Cabinet	1467133	1467133	27
TF-914EHX-01	48V HX for Siemens 914E RT Cbnt w/ Pwr Prongs	1490825		27
TF-914EXMET-01	48V Fan for Siemens 914EX Metro MXU Fan Tray w/ Power Prongs		1359017	27
TF-OPTI-01	12V Fan for Opti 6100 Fan Trays w/ 3 Wire Plug (use in EFANM Tray # 1184508L2)	1444322	1444322	28
TF-TA5KHx-02	48V "Low Profile" HX for Adtran TA5000 Cabinet Door w/ 4 Wire Plug		1501884	28
TF-HX175LP-01	(175mm) "Low Profile" Heat Exchanger for Calix ODC Cabinet Door	1452035	1452035	29
TF-HX220LP-01	(220mm) "Low Profile" HX for Calix ODC-1000 w/ 4 Leads & Fastons		1477798	29
TF-OPM640HX	(175mm) "Low Profile" Impeller for OPM 640 Cabinet (Retro Fit Roof) w/ 3 Wire, 4 Pin Plug			30
TF-AFCHX-01	(175mm) "Low Profile" HX for AFC Fan Unit found in OPM Cabinets		1475725	30
TF-CATNHX-01	(175mm) "Low Profile" Heat Exchanger for Catena Cabinet			30
TF-MC179-01A	HX for Mesa Bridge Cbnt (Upper - Internal) w/ 4 Wire (F) Weatherproof Plug		1490468	31
TF-MC179-01	HX for Mesa Bridge Cbnt (Lower - Door) w/ 4 Wire (F) Weatherproof Plug			31
TF-CQ250-01	(250mm) HX for Ice Qube Cabinet w/ 4 Wire Open End			31
TF-AFC672-01	48V Fan for AFC Cabinet Heat Stack w/ Power Prongs		1456851	31
TF-CLXODC-01F	48V Heat Exchanger for Calix ODC Stack w/ 2 Wires & Fastons		1456478	32
TFC-CALIX2KHx	Alarm Control Board for Calix ODC-2000 Cabinet HX Controller		1481590	32
TF-CLX225-01	(225mm) Heat Exchanger Impeller Fan (Upper) for Calix ODC Cabinet w/ 4 Wire Female Snap on Plug, (14")	1490321		33
TF-CLX225-02	(225mm) HX Impeller Fan (Upper) for Calix ODC Cbnt w/ 4W (F) Plug (30")		1492772	33
TF-CLX225-03	(225mm) HX Impeller Fan (Lower) for Calix ODC Cbnt w/ 4W (M) Plug (30")		1492619	33
TF-CLX133-01	(133mm) HX Impeller Fan (Upper/Lower) for Calix Cabinet w/ 4 Wire Plug	1490163	1490163	33
TF-MCCHX-AC01	110VAC HX Blower for Reltec / McLean Cbnt w/ Pwr Plug & Plate (fan only)		1481410	34
TF-MCCHX-AC0R	110VAC (Right) HX Blower for Reltec/McLean Cbnt w/ Pwr Plug & Plate (fan only)		1493505	34
TF-TX33HX-01	(175mm) HX for Mclean ClimaGuard Cabinet Cooler w/ 4W Wthprf Conn.		1473428	34
TF-TX38HX-01	(225mm) HX for Mclean ClimaGuard Cabinet Cooler w/ 4W Wthprf Conn.		1473110	34
TF-NP0402-01	48V HX for Noren Cooling Unit - Internal (6.71K) w/ 3 Wire Open End	1359090	1359090	35
TF-NP0414-02	48V HX for Noren Cooling Unit - External (8.45K) w/ 3 Wire Open End		1359019	35
TF-MC225-01	(225mm) HX for Mesa Cabinet (Top) w/ Round Weatherproof Connector	1345222	1345222	36
TF-MC225-02	(225mm) Heat Exchanger for Mesa Cabinet (Bottom) w/ 4 Wire Plug (fan only)	1345223	1345223	37
TF-MC225-02-KIT	(225mm) HX KIT for Mesa Cabinet (Bottom) w/ 4 Wire Plug & Bracket		1451725	37
TFB-MC225-02	Mounting Bracket & Hardware for Mesa Cabinet 225mm Bottom Heat Exch.		1451078	37
TFC-MESA-01	2 Port Mesa Cabinet Environmental Control Unit (ECU) (use in Cabinets: Mesa XL, Mesa SOLE, Span XL, Mesa Bridge, Mesa Edge & Mesa Sport)	1492180		38

Don't see the fan you are looking for? Send us a sample & we will find a match!

PLEASE CALL: 856-753-8585 or EMAIL: custsvcs@tagcords.com

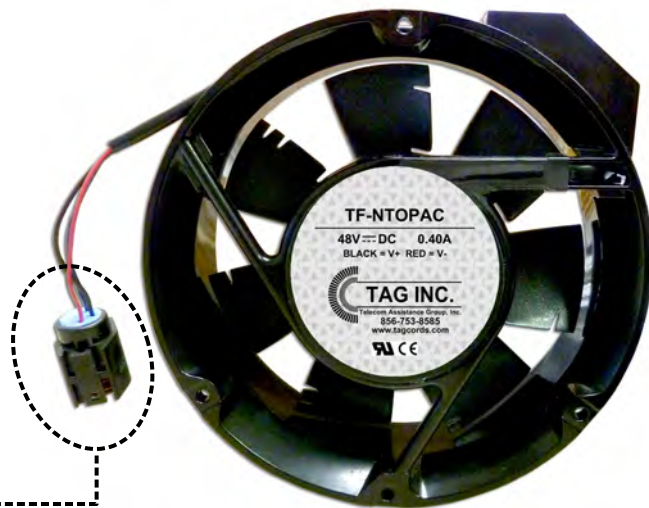
OSP Cabinet Replacement Fans

"OPAC / OPM"

PN # TF-NTOPAC

48 Volt Replacement Fan for
Nortel Opac / OPM Cabinet
 w/ Round Weatherproof Connector

*(Replaces Nortel # A0381740 / # A33230 (-51)),
 Fits first generation
 Access Node 800A heat exchangers
 (fan only - use with existing guard grill)*



**WEATHERPROOF
 CONNECTOR**
 on PN # TF-NTOPAC



TF-NTOPAC
 (Brightspeed SAP MAT # 1337634)

Looking for fans w/ sealed 3 pin plugs?



TF-NTOPAC-04
 (MAT # 1341517)



TF-NTOPAC-02
 (Brightspeed SAP MAT # 1337635)

Ordering Information:

Brightspeed SAP MAT

TF-NTOPAC	48 Volt Replacement Fan for Nortel Opac / OPM Cabinet w/ Round Weatherproof Connector <i>(Replaces Nortel # A0381740 / # A33230 (-51)), Fits first generation Access Node 800A heat exchangers</i>	1337634
TF-NTOPAC-02	48 Volt Replacement Fan for Nortel Opac / OPM Cabinet w/ Sealed 3 Pin Plug <i>(Replaces Nortel # A0640820 / # A33230 (-51))</i>	1337635
TF-NTOPAC-3	48 Volt Replacement Fan for Nortel Opac / OPM Cabinet - (not shown) w/ 3 Wire Open End (no connector) <i>(Splicing Replacement option for both Access Node 800A & OPAC Cabinets)</i>	1341516
TF-NTOPAC-04	48 Volt Replacement Fan for Nortel Opac / OPM Cabinet w/ Sealed 3 Pin Plug <i>(Used with NT7A6986 adapter)</i>	MAT # 1341517
TFG-162KIT-01	Guard Grill Replacement Kit for Round 162mm Fans - (not shown) <i>(includes hardware)</i>	

150 Cooper Rd. (F-15)
 W. Berlin, NJ 08091

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Telephone: (856) 753-8585
 Fax : (856) 768-7645

Telecom Assistance Group

OSP Cabinet Replacement Fans



"ACCESS NODE / 800A"

PN # TF-NTOPAC-05
 48V Replacement Fan for
Nortel Opac Access Node Tray
/ 800A Cabinet

w/ 3 Wire (w/ Blue FPS Lead)
 & 3 Pin Plug

(use in tray # NT4K0610)



NT4K0610 FAN TRAY (HAS (8) FANS)
(fan tray is not included)



*(Charles Tray Fans (92-FAN840-X)
 are also available - order
 # TF-NTANCFT-01 (call for pricing)*

Ordering Information:

TF-NTOPAC-05 **48V Fan for Nortel Opac Access Node Tray / 800A Cabinet**
(with plug) w/ 3 Wire (w/ Blue FPS Lead) & 3 Pin Plug
 (use in tray # NT4K0610)

MAT #
7017863

TF-NTOPAC-05F **48V Fan for Nortel Opac Access Node Tray / 800A Cabinet - (not shown)**
(without plug) w/ Power Prongs, Unterminated FPS Lead & (1) Butt Splice
 (use in tray # NT4K0610)

TF-NTANCFT-01 **48V Fan for Nortel Access Node / Charles Fan Tray**
 w/ 3 Wire Plug (use in tray # 92-FAN840-X)

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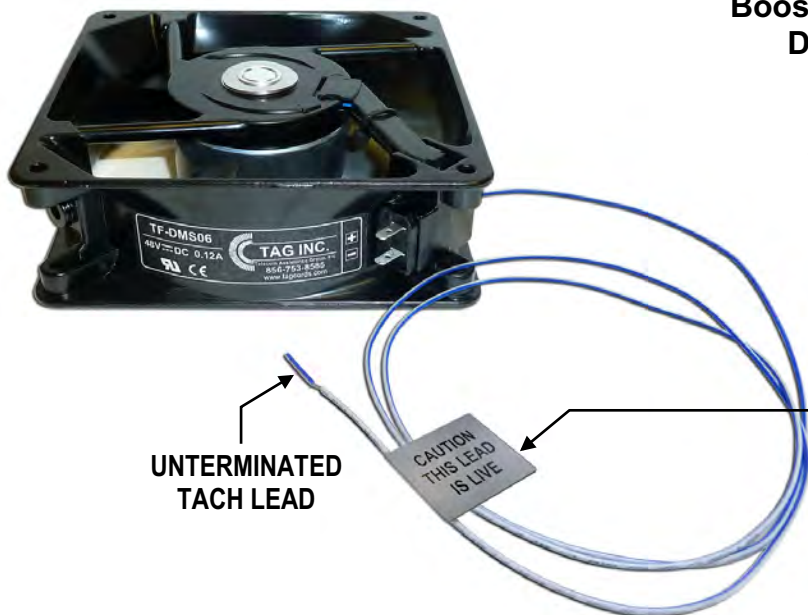
Telephone: (856) 753-8585
 Fax : (856) 768-7645

Telecom Assistance Group

OSP Cabinet Replacement Fans

"DMS-100 OPM BFU / DMS-1 URBAN"

(Not for use in Nortel Access Node Fan Trays)



PN # TF-DMS06

48V Replacement Fan for
Booster Fan Unit (BFU) found in
DMS-100 OPM Cabinets

*w/ Power Prongs,
Unterminated Tach Lead
& (1) Butt Splice*

DMS-100 OPM CABINET BOOSTER FAN UNIT (BFU) w/ EXISTING FANS



*Also used in DMS-1
URBAN EMC RT BAY
(NT4A44AA fan unit)*

Ordering Information:

TF-DMS06 **48V Fan for Booster Fan Unit (BFU)**
found in DMS-100 OPM Cabinets
w/ Power Prongs, Unterminated Tach Lead & (1) Butt Splice
(also used in DMS-1 URBAN EMC RT BAY (NT4A44AA fan unit))

MAT #
1359400

150 Cooper Rd. (F-15)
W. Berlin, NJ 08091

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Telecom Assistance Group

OSP Cabinet Replacement Fans & Alarm Control Boards

"Reltec / Mclean APW"

PN # TF-SLCAPW-04

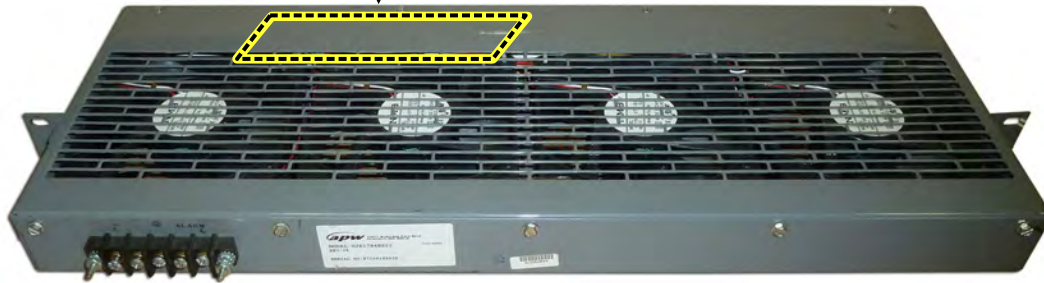
(4) Individual 48V Fans for **SLC 2000 Cabinet - Reltec / Mclean APW Tray**

w/ 3 Wire Open End
(includes (12) butt splices)



(use in existing tray # UJB17H48S22)

NEW Alarm Control Boards are also available, order # **TFC-SLCAPW-4**, MAT # **1459111**



RELTEC / MCLEAN APW FAN TRAY # UJB17H48S22 w/ EXISTING FANS
(FAN TRAY IS NOT INCLUDED)

Ordering Information:

		<u>Brightspeed SAP MAT #</u>
TF-SLCAPW-04 (4 fans)	(4) Individual 48V Fans for SLC 2000 Cabinet - Reltec / Mclean APW Tray, w/ 3 Wire Open End & (12) butt splices <i>(use in existing tray # UJB17H48S22)</i>	1358928
TF-SLCAPW-01 (1 fan)	(1) Individual 48V Fan for SLC 2000 Cabinet - Reltec / Mclean APW Tray, w/ 3 Wire Open End & (3) butt splices <i>(use in existing tray # UJB17H48S22)</i>	MAT # 1358927
TFC-SLCAPW-4	Alarm Control Board Replacement for Reltec / Mclean Fan Trays <i>(customer supplied fan tray)</i>	1459111

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Telecom Assistance Group

80 Type/SLC 2000 Cabinet Solutions for Brightspeed

New Heat Exchanger, Fan & Alarm Control Replacements

Heat Exchangers

TAG # TF-SLC201-02
(NEW Heat Exchanger)
Brightspeed SAP MAT # 1337731



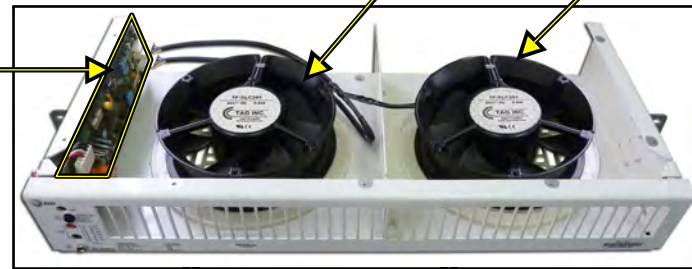
(2) MOUNTED ON CABINET SIDE (TOP & BOTTOM)



TAG # TFC-LU4-01
(NEW Alarm Control Board)
MAT # 1355244

(1) ALARM BOARD PER TRAY

4A / 4B Fan Trays

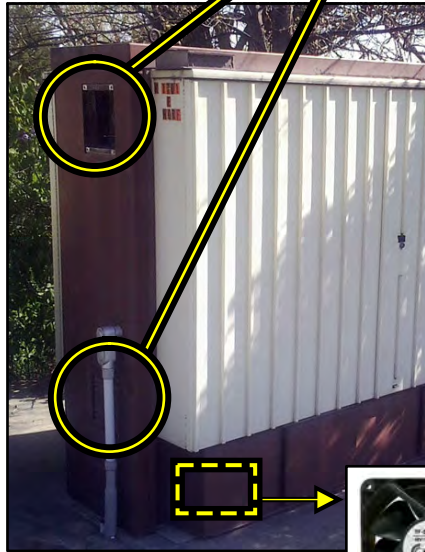


TAG # TF-SLC201 (NEW 48V Fan)

Brightspeed SAP MAT # 1336047
(2) FAN TRAYS SHOWN IN THIS CABINET (4 FANS TOTAL)

Fans are shown installed in existing fan tray, **the tray IS NOT included**

(NEW Power Cables for 4A/4B Fan Trays are available, order # TFC-SLU4APA-06)

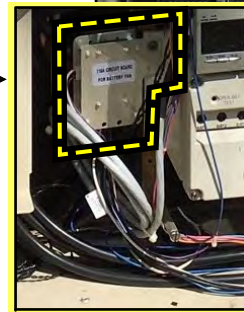


TAG # TF-SLCBC-01
(NEW Battery Cooling Fan)
(1) FAN PER CABINET
MAT # 1461343


Battery Cooling



116A Control Unit (Battery)
- reverse side of cabinet



116A Board
(1) PER CABINET



TAG # TFC-116A-01
(NEW Alarm Control Board for Lucent 116A Battery Unit)
MAT # 1459078

80 TYPE CABINET (INSIDE VIEW)



114A Control Unit



TAG # TFC-114A-01*
(NEW Heat Exchanger Control Unit)
MAT # 1355243

** if metal housing is not needed, order # TFC-LU4-01
MAT # 1355244*











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80 Type/SLC 2000 Cabinet Solutions for Brightspeed

New Heat Exchanger, Fan & Alarm Control Replacements

Ordering Information:			
TF-SLC201-02 Brightspeed SAP MAT # 1337731	48V Heat Exchanger for 80 Type Cabinet w/ Screw on Connector <i>(Equiv. to KS23912L4)</i> <i>(80 Type Cabinet - External)</i>	 	
TF-SLC201 Brightspeed SAP MAT # 1336047	48V Fan for SLC 2000 4A / 4B Fan Trays w/ 5 Wire Plug <i>(Equiv. to KS23912L6)</i> <i>(80 Type Cabinet, SLC 2000 Tray - Internal)</i> <i>(Replacement Power Cables for Lucent 4A/4B Fan Trays are available, order # TFCS-LU4APA-06 - call for pricing)</i>	 	
TFC-114A-01 MAT # 1355243	114A Fan Control Unit Replacement for 80 Type Cabinet Heat Exchangers <i>(Equiv. to 106894934)</i> <i>(includes metal housing w/ alarm control board)</i>	# TFC-114A-01 	# TFC-LU4-01 
TFC-LU4-01 MAT # 1355244	Alarm Control Board Replacement for Lucent 4A/4B, 4G/SLC 2000 Fan Trays & 114A Control Units <i>(control board only - customer supplied fan trays / 114A housing)</i>		
TF-SLCBC-01 MAT # 1461343	48V Cooling Fan for 80 Type Cabinet Battery Compartment w/ 3 Wire Plug	# TF-SLCBC-01 	# TFC-116A-01 
TFC-116A-01 MAT # 1459078	Alarm Control Board for Lucent 116A Battery Fan Unit <i>(control board only - customer supplied metal housing)</i>	 	

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OSP Cabinet Replacement Fans



(TOP VIEW)

"Lucent 2A"

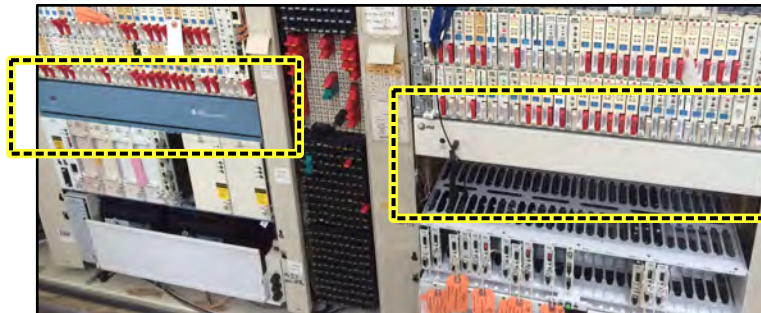
PN # TF-LU2A

48 Volt Replacement Fan for
Lucent 2A Fan Tray

w/ 3 Leads & Faston Connectors
(fan only, use with existing guard grills)

(Equiv. to KS22501L5)

LUCENT 2A FAN TRAY
HAS (3) FANS (INSIDE VIEW)
(fan tray is not included)



THERE ARE TWO TYPES
of 2A FAN TRAYS (BLUE / TAN)
(INSIDE VIEW of 80A/D CABINET)

Ordering Information:

TF-LU2A **48 Volt Replacement Fan for Lucent 2A Fan Tray**
w/ 3 Leads & Faston Connectors
(fan only, use with existing guard grills) (Equiv. to KS22501L5)

MAT #
1336048

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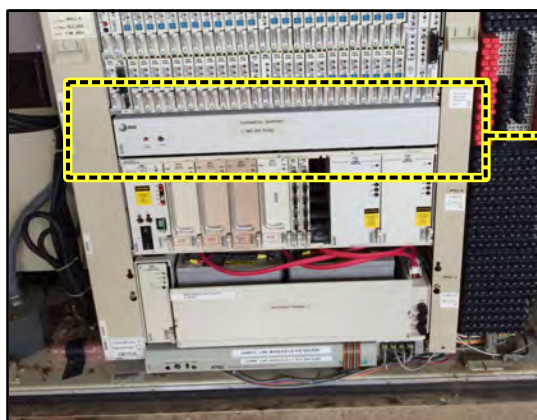
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OSP Cabinet Replacement Fans & Alarm Control Boards



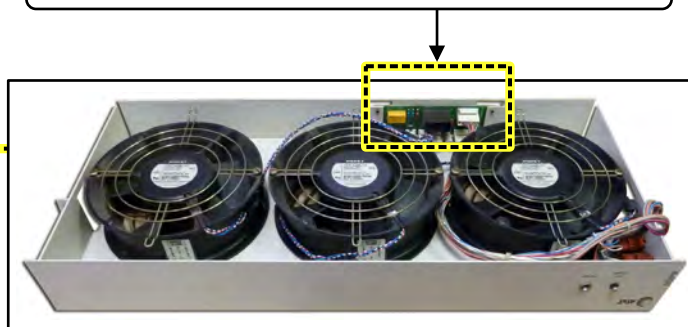
INSIDE VIEW OF 80A/D CABINET



"Lucent 2B / 2C"

PN # TF-LU2B
48 Volt Replacement Fan for
Lucent 2B Fan Tray
w/ 3 Wire Plug
(Equiv. to KS22501L5A)

NEW Alarm Control Boards are also available,
order # **TFC-LU2BC-01**, MAT # **1458909**



LUCENT 2B FAN TRAY
w/ (3) **EXISTING FANS** (BOTTOM VIEW)
(fan tray is not included)

Ordering Information:

		MAT #
TF-LU2B	48V Fan for Lucent 2B Fan Tray w/ 3 Wire Plug <i>(Equiv. to KS22501L5A)</i>	1336049
TF-LU2C	48V Fan for Lucent 2C Fan Tray w/ 3 Wire Plug <i>(Equiv. to KS22501L5A) - (not shown)</i>	1336060
TFC-LU2BC-01	Alarm Control Board for Lucent 2B & 2C Fan Trays <i>(customer supplied fan trays)</i>	1458909
TFCS-2BPWRY-01	Power Cable "Y" for Lucent 2B & 2C Fan Trays <i>w/ 1 Male Connector to Female "Y", (1') - (not shown)</i>	
TFCS-2BRS-08	Remote Sensing Daisy Chain Cable for Lucent 2B & 2C Fan Trays <i>w/ 2 Wires & Connectors, (8') - (not shown)</i>	

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OSP Cabinet Replacement Fans

"ES660C Rectifier, 24V (60mm)"

24VDC
(60mm x 25mm)



PN # TF-ES660-01
24V (60mm x 25mm) Fan for
Lucent ES660C Rectifier Unit

w/ 2 Wire Plug

"Argus Rectifier, 12V (80mm)"

12VDC
(80mm)

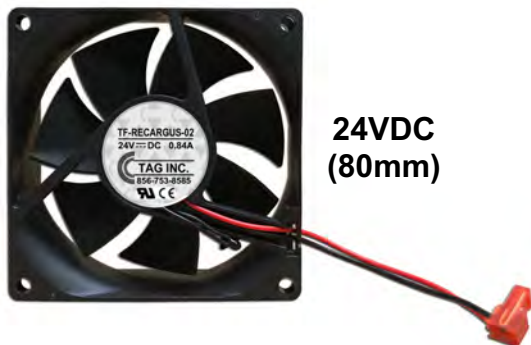


PN # TF-RECARGUS-01
12V (80mm) Fan for
Argus Rectifier Cabinet

w/ 2 Wire Plug

"Argus Rectifier, 24V (80mm)"

24VDC
(80mm)



PN # TF-RECARGUS-02
24V (80mm) Fan for
Argus Rectifier Cabinet
w/ 2 Wire Right Angle Plug

MAT # 1474133

PN # TF-RECARGUS-03
24V (80mm) Fan for
Argus Rectifier Cabinet
w/ 2 Wire Right Angle Plug
& Threaded Inserts

"Argus Rectifier, 12V (120mm)"

12VDC
(120mm)



PN # TF-RECARGUS-04
12V (120mm) Fan for
Argus Rectifier Cabinet

w/ 2 Wire Open End
(includes (2) butt splices)

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OSP Cabinet Replacement Fans



"6D/F"

MAT # 1355242

PN # TF-COM6DF-01

48V Fan for **CommScope Cabinet, 6D/F Bay, HECI VAUCADY(XXX)** w/ Internal Thermal Sensor & 3 Wire, 6 Pin Connector (4' cable)

(Commonly used w/ existing 6 pin to 4 pin adapter cable in fan tray)



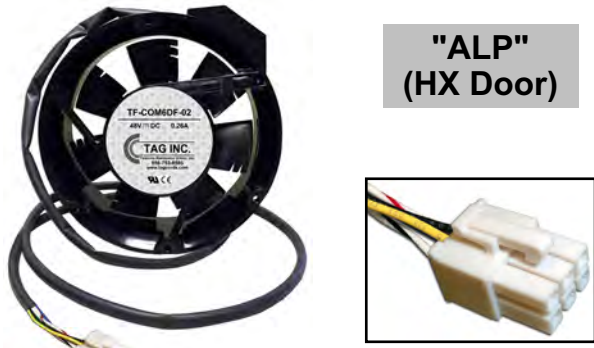
"6D/F"

MAT # 1466315

PN # TF-COM6DF-04

48V Fan for **CommScope Cabinet, 6D/F Bay, HECI VAUCADY(XXX)** w/ Internal Thermal Sensor & w/ 3 Wire, 4 Pin Connector (4' cable)

(Commonly used w/ existing 4 pin adapter cable in fan tray)



"ALP" (HX Door)

PN # TF-COM6DF-02

48V Fan for **CommScope Cabinet, ALP HX Door** w/ 5 Wire, 6 Pin Connector (4' cable)

(Commonly used w/ existing 100k thermistor extension cable)



"6B/C" (HX Door)

MAT # 1439621

PN # TF-COM6BC-01

48V Fan for **CommScope Cabinet, 6B/C Battery / ALP HX Door** w/ 3 Wire, 4 Pin Connector (4' cable)



"52 or 82" (HX Door)

MAT # 1465437

PN # TF-COM6DF-02R

48V Fan for **CommScope 52/82 Cabinet, HX Door** w/ 5 Wire, 6 Pin Connector (4' cable)

(includes 10k thermistor extension cable, # TFCS-COM6TR - (equiv. to 860 540 530), 5 Wire 6 Pin to 3 Wire 4 Pin)

100k thermistor cables (860 427 335) are also available, # TFCS-COM6TA-01



"52E" (Battery)

MAT # 1466728

PN # TF-COM52E-01

48V Fan for **CommScope 52E Cabinet, Battery** w/ (1) 2 Wire, 4 Pin Conn. & (1) 2 Wire, 2 Pin Conn. (4' cable)

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OSP Cabinet Replacement Heat Exchangers / Fans

"Fujitsu 6200"



MAT # 1359018

PN # TF-FUJ6200-01

48V Replacement Heat Exchanger for
Fujitsu 6200 Cabinet

w/ 5 Wire Plug

**FUJITSU 6200 CABINET
HAS (2) HEAT EXCHANGERS
(LEFT & RIGHT SIDES)**



PN # TF-FUJ6200-02

48V Replacement Fan for Lorain / Marconi
M.P.S. 428212000 Fan Shelf
found in Fujitsu 6200 Cabinets

w/ Power Prongs



PN # TF-FUJ6200-03

48V Replacement Fan for
Fujitsu 6200 Cabinet Tray

*w/ 3 Wire Open End
& Power Prongs*

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Telecom Assistance Group

OSP Fans & Heat Exchangers

"DISC*S CPU"

PN # TF-DISCSCPU-01

48V Cooling Fan for
DISC*S CPU

w/ 2 Wire Open End
(includes screws,
(2) butt splices & (1) cable tie)

*(fan only, use with
existing plug, guard grills & bracket)*

MAT # 1479944

TF-DISCSCPU-01
(fan only) →



**(NEW FAN SHOWN INSTALLED
ON EXISTING BRACKET)**

**(EXISTING PLUG,
USE THE PROVIDED BUTT SPLICES)**



**48V
(120mm)**

"Telamon / Ciena 5150"

PN # TF-CN5150HX-01

48V Heat Exchanger for
**Telamon / Ciena 5150
EMUX Cabinet Door**

w/ 4 Wires &
Sealed Connector

"AISCOUT"

PN # TF-AI-SCT-01

48V (80mm) Fan for
AISCOUT

w/ 3 Wire Right Angle Plug



**48V
(80mm)**

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OSP Cabinet Replacement Fans

"SLC96 (36 Type) Cabinet"

PN # TFT-SLC96-AC01
 110VAC Replacement Fan
 w/ Bracket Assembly for
 SLC96 (36 Type) Cabinet

(Equiv. to Fan Assembly KS22099L5)

(1) 110VAC Replacement Fan *

** fans can also be ordered
 separately (without mounting),
 see ordering information below*



&

(1) Mounting Bracket



**FAN ASSEMBLY
 IS FOUND INSIDE
 36 TYPE CABINETS**



Ordering Information:

TFT-SLC96-AC01	110VAC Fan w/ Bracket Assembly for SLC96 (36 Type) Cabinet <i>(Equiv. to Fan Assembly KS22099L5)</i>	Brightspeed SAP MAT # 1356198
TFT-SLC96-AC01L	110VAC (Low Temp) Fan w/ Bracket Assembly for SLC96 (36 Type) Cabinet <i>(Equiv. to Fan Assembly KS22099L5)</i>	
TF-SLC96-AC02 (fan only)	110VAC Fan (fan only) for SLC96 (36 Type) Cabinet <i>(includes power wire, (3) butt splices & hardware) (use in Fan Assembly KS22099L5)</i>	MAT # 1356199

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OSP Cabinet Replacement Fans & Alarm Control Boards

"Litespan PDFA"



MAT # 1341519

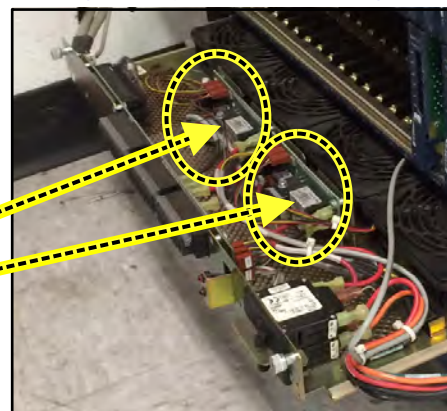
PN # TF-LS2000-01
 48 Volt Replacement Fan for
Litespan 2000 Power Distribution (PDFA)
 w/ 3 Wire Plug & Guard Grill (includes plastic rivets)

USE IN FAN TRAY # 500-1126-723
(fan tray is not included)

NEW Alarm Control Boards
 are also available,
 order # **TFC-PDFA-X2**



*(2 ALARM CONTROL BOARDS
 ARE USED IN EACH TRAY)*



PN # TF-LS2000-02
 48 Volt Replacement Fan for
Litespan 2000 High Velocity PDFA
 w/ 3 Wire Connector
 (includes plastic rivets)

"Litespan High Velocity PDFA"



NEW Alarm Control Boards
 are also available,
 order # **TFC-PDFA-01**



MAT # 1356400

HIGH VELOCITY PDFA FAN ASSEMBLY,
FAN TRAY # 509-0000-086 / 509-0000-163
(fan tray is not included)

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OSP Cabinet Replacement Fans & Alarm Control Boards

"LS2000 Heat Exchangers"



MAT # 1359389



PN # TF-LS2KSB-01
 48V Heat Exchanger for
Litespan 2000
Cabinet Heat Stack
 w/ Power Prongs

MAT # 1496549

PN # TF-LS2000-03
 48V Heat Exchanger for
Litespan 2000 Cabinet Heat Stack

w/ 3 Unterminated Leads -
 Red (+48 Return), Black (-48V), Blue (Sensor)
Includes (3) Butt Splices

LS2000 CABINET (OUTSIDE VIEW)



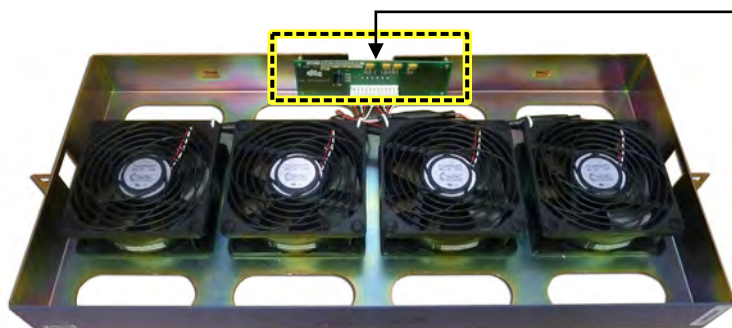
"DFA Fans & Alarm Control Boards"

PN # TF-LS2000-44
 Litespan 2000 DFA Fan Kit

MAT # 1445489

Kit includes:

- (4) **NEW** 48V Fans w/ Guard Grills
 - includes (16) plastic rivets & (4) zip ties
- (1) **NEW** Wiring Harness w/ 12 Wire Plug



KIT SHOWN INSTALLED IN EXISTING DFA FAN TRAY *
**(DFA FAN TRAY IS NOT INCLUDED)*

NEW Alarm Control Boards
 are also available, order
TFC-DFA-01, MAT # 1458948



*use in existing DFA,
 DC Fan Assembly 500-1100-XXX*

*Individual fans (for splicing) can also be ordered,
 for a qty of (1) fan, order # TF-LS2000-04
 (MAT # 1445620)*

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OSP Cabinet Heat Exchanger Fans

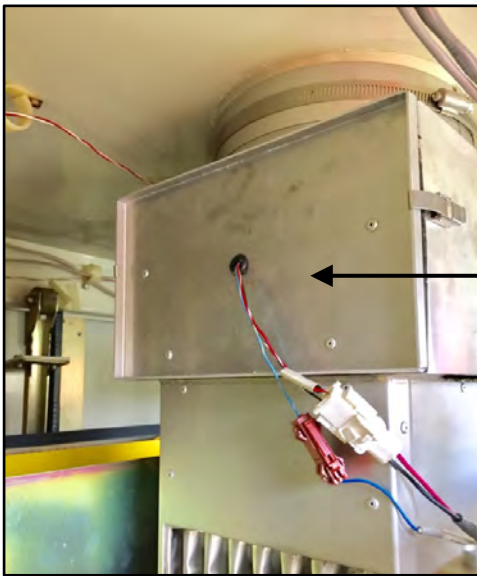
"LS2000 / 2030 - Tarzan"

PN # TF-ACABTZ-01A
48V Heat Exchanger (Tarzan) for
Litespan 2000 (LSC-2030)
Cabinet Heat Stack

*Includes: (1) Adapter Cable (# TFCS-ACABTZX)
& (3) Butt Splices*



MAT # 1359388



w/ (1) - 2 Wire Amp Connector
(Power, red / black wires)
&
(1) - 1 Wire Amp Connector
(Alarm, blue wire)

**DSC LITESPAN 2000
LSC-2030 CABINET
(INSIDE VIEW OF HEAT STACK)**

"LS2000 / 2030 - Lower"

PN # TF-ACABLHX-01
48V Heat Exchanger (Lower) for
Litespan 2000 (LSC-2030) Cabinet

w/ (1) - 2 Wire Amp Connector
(Power, red (+) / black (-) wires)
&
(1) - 1 Wire Amp Connector
(Sensor, blue wire)



MAT # 1460436

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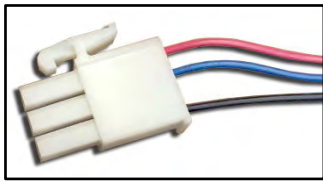
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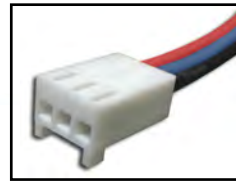
OSP Cabinet Replacement Fans

"A25B50 Rectifier"



PN # TF-LRA25B50-01
 24 Volt Replacement Fan for
A25B50 Rectifier Unit
 (Lorain / Marconi)
 w/ 3 Wire Plug

"Current Limiter"



PN # TF-MESACL-01
 48 Volt Replacement Fan for
Marconi Current Limiter
 w/ 3 Wire Plug

"Power Conversion Module"



PN # TF-LPCM-01
 24 Volt Replacement Fan (80mm) for
Lorain Power Conversion Module
 w/ 3 Wire Male Plug
*(fan only - use in existing
 Lorain V15F50/P Power Conversion Module)*

"Power Module"



POWER PRONGS
 PLUG WIRES: YELLOW (+) BROWN (-)

PN # TF-LPM-01
 48 Volt Replacement Fan for
Lorain Power Module
 w/ Power Prongs
*(fan only - use in existing
 Lorain 427215900 Power Modules)*

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OSP Cabinet Heat Exchanger Fans

"Marconi Mesa (Top) - Tarzan"

PN # TF-MCABTZ-01

48 Volt Replacement Heat Exchanger for
Marconi Mesa "Top" HX Cabinet
(Tarzan)

w/ 3 Wire Plug
Includes (3) Butt Splices

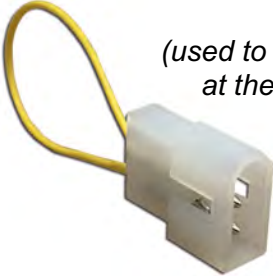
Brightspeed SAP MAT #
1359387



3 WIRE PLUG
(the same plug is pictured below)

PN # TFCS-MATP-06
Mesa Alarm Test Plug Kit

*(used to troubleshoot fans
at the Mesa 6 ECU)*



(Pack of 6)

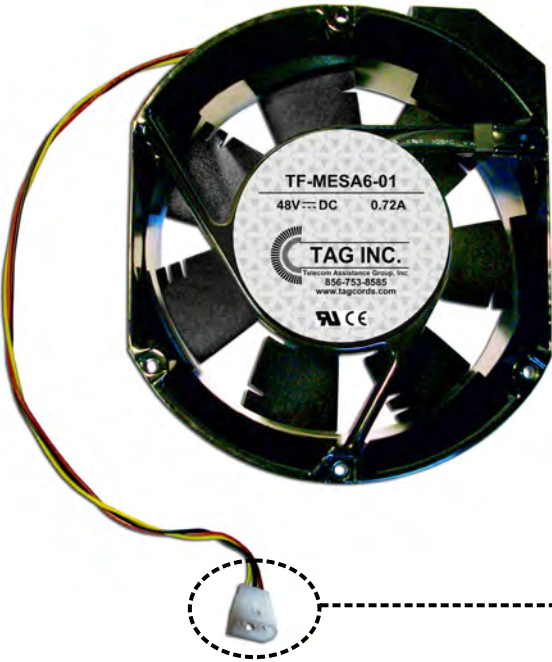
"Marconi Mesa (Bottom)"

PN # TF-MESA6-01

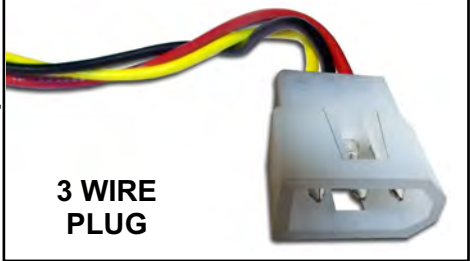
48 Volt Replacement Heat Exchanger for
Marconi Mesa "Bottom" HX Cabinet

w/ 3 Wire Plug

Brightspeed SAP MAT #
1359091



3 WIRE PLUG



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OSP Cabinet Replacement Fans & Alarm Control Boards



MAT # 1479565

PN # TFC-FA400-01
Alarm Control Board
 Replacement for
 Marconi Mesa Master Tray

"Marconi Mesa Fan Tray - Master"

PN # TF-FA400-01
 48V Replacement Fan
 for **Marconi Mesa Master Fan Tray**
 w/ 3 Wire Plug

*(use in EBM -
 LP98638, Master Tray
 # FA-400-175-001)*
(fan tray is not included)



Brightspeed SAP MAT #
1439622



"Marconi Mesa Fan Tray - Slave"

PN # TF-FA400-02
 48V Replacement Fan
 for **Marconi Mesa Slave Fan Tray**
 w/ 3 Wire Plug

*(use in EBM / Papst -
 # FA-400-175-002)*
(fan tray is not included)



Brightspeed SAP MAT #
1439623



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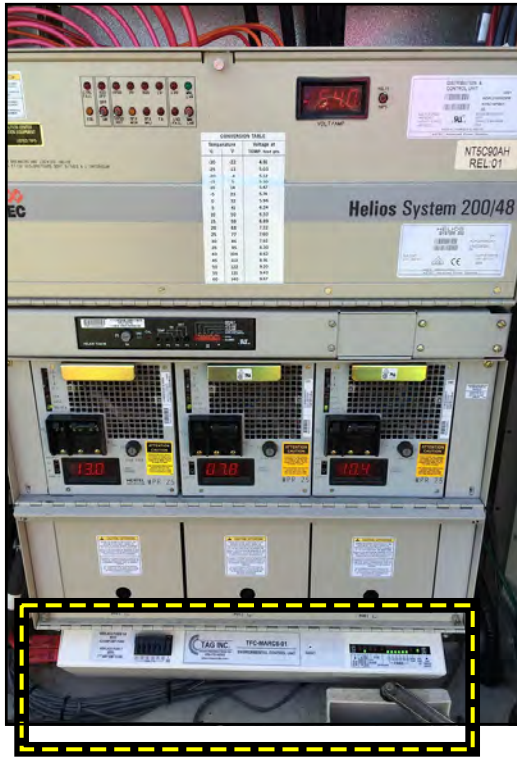
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Telecom Assistance Group

6 Position Environmental Control Unit (ECU) Replacement for Marconi Cabinet

TFC-MARC6-01

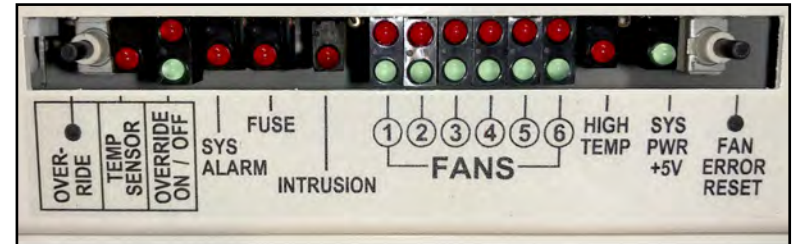
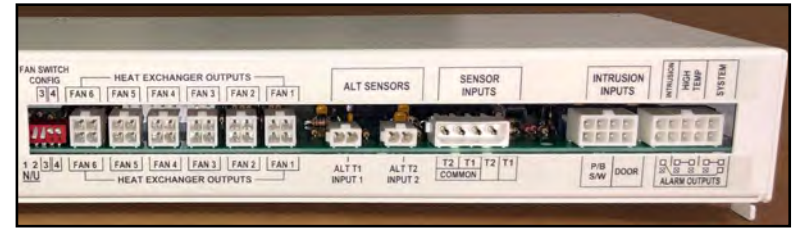
MARCONI CABINET w/ ECU



- Drop-In Replacement for Remote Cabinet (Sites)
- Variable Speed Control 2, 4 or 6 HX Fans
- Battery Life Conservation
- Heat Exchanger Fan Life Conservation
- Reduces Energy Costs
- Plug & Play (no programming)
- Alarms for Fans, Fuses, High Temps & Intrusion

PN # TFC-MARC6-01
6 Position ECU
Environmental Control Unit
for Marconi Cabinet
(supports 6 HX fans)

(BACK VIEW)



(FRONT VIEW)



Ordering Information:

TFC-MARC6-01

6 Position Environmental Control Unit (ECU) for Marconi Cabinet
(supports 6 HX fans)

Includes: (2) # TFCS-MESA30-12, Temperature Sensors

MAT #
1461075

150 Cooper Rd. (F-15)
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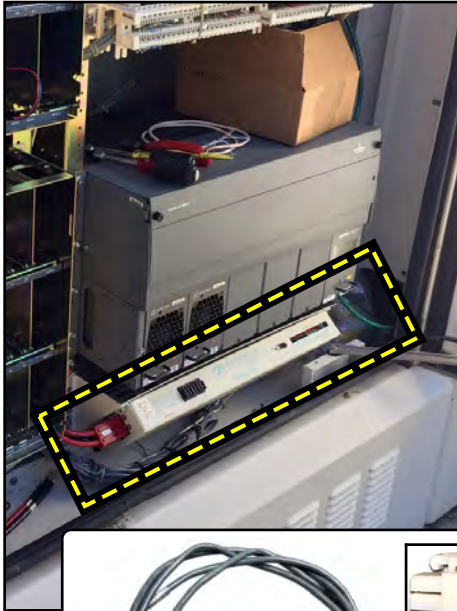
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Fan Environmental Control Unit (ECU) Replacement for Remote Cabinet Sites

TFC-MESA246-01

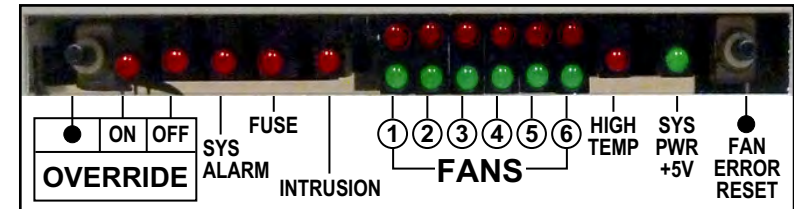
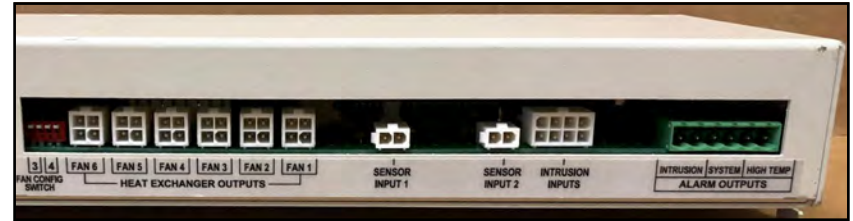
REMOTE CABINET w/ ECU



- Drop-In Replacement for Remote Cabinet (Sites)
- Variable Speed Control 2, 4 or 6 Fans
- Battery Life Conservation
- Heat Exchanger Fan Life Conservation
- Reduces Energy Costs
- Plug & Play (no programming)
- Alarms for Fans, Fuses, High Temps & Intrusion

PN # TFC-MESA246-01
Fan Environmental Control Unit (ECU) Replacement for Remote Cabinet Sites

(BACK VIEW)



(FRONT VIEW)



Ordering Information:

TFC-MESA246-01

Fan Environmental Control Unit (ECU) for Remote Cabinet Sites

MAT #

Includes: (2) # TFCS-MESA30-12, Temperature Sensors

1461124

TFCS-MESA246-08

Extension Cable for Mesa Fan Controllers found in Mesa, 52, 192 & 384 type cabinets (4 Wire Cable w/ 4 Pin Connectors (8'))

1475550

TFCS-M225TP

Extension Cable for Mesa 246 ECU to Upper Cabinet Fan, 20' - (not shown)

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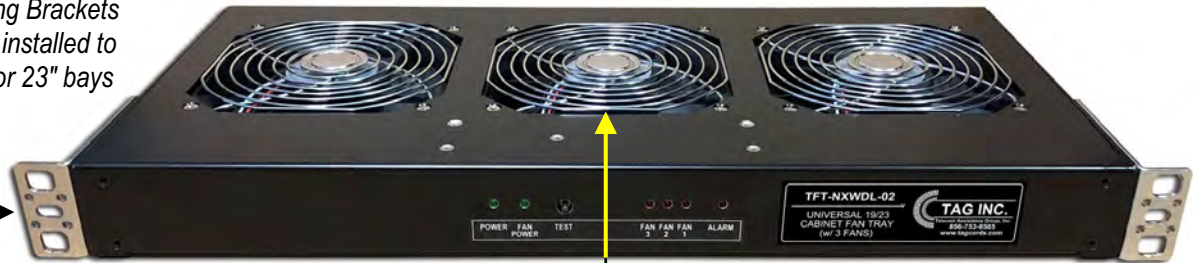
Telephone: (856) 753-8585

Fax: (856) 768-7645

OSP Cabinet Replacement Fan Trays

TAG UNIVERSAL 19" / 23" CABINET FAN TRAY

Mounting Brackets
can be installed to
fit 19" or 23" bays



NEW FAN TRAY
w/ Thermostat,
LEDs & Test Button

3 NEW 48V FANS

INSIDE VIEW OF CABINET



PN # TFT-NXWDL-02

TAG Universal 19" / 23"
"Harsh Environment" Cabinet Fan Tray

Includes:

- (1) **NEW** Fan Tray
w/ Thermostat, LEDs & Test Button
- (3) **NEW** 48V Fans

Ordering Information:

		MAT #
TFT-NXWDL-02 (NEW tray & fans)	TAG Universal 19/23 "Harsh Environment" Cabinet Fan Tray (includes NEW Fan Tray w/ Thermostat, LEDs & Test Button & (3) NEW 48V Fans)	1472248
TFT-NXTLEV-03MC (NEW tray & fans)	TAG Fan Tray for Next Level Cabinet (includes NEW Fan Tray & (3) NEW 48V, 3 Wire Fans) (Equiv. to # 039167, T03MC)	1444040
TF-NXTLEV-03 (fans only)	48V Fan Assembly for Next Level Cabinet Fan Trays (includes (3) 3 Wire Fans w/ R/A Connectors) (use in existing tray: # 039167, T03MC)	1358901
TFT-NXWDL-01 (NEW tray & fans)	TAG Universal 19/23 Cabinet Fan Tray (includes NEW Fan Tray w/ Thermostat, LEDs & Test Button & (3) NEW 48V Fans)	1451023

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OSP Cabinet Replacement Fans & Alarm Control Boards

"UMC1000 (6-Fan Tray)"

(120mm)



MAT # 1466657

PN # TF-UMC1000-01
48V Fan (120mm) for
Tellabs UMC1000 Fan Tray
w/ 3 Wire Plug

(use in AFC Tray # 0310-1716 or 8650-0414)

NEW Alarm Control Boards
are also available,
order # **TFC-UMC1000-06**

"UMC1000 (10-Fan Tray)"

(80mm)



MAT # 1466656

PN # TF-UMC1000-02
48V Fan (80mm) for
Tellabs UMC1000 Fan Tray
w/ 3 Wire Plug

(use in AFC Fan Tray F10 # 0310-1716)

"UMC672 Cabinet"



"UMC1000 (8-Fan Tray)"

(120mm)



MAT # 1466761

PN # TF-UMC1000-03
48V Fan (120mm) for
Tellabs UMC1000 Fan Tray
w/ 4 Wire Plug

(use in Tellabs Tray # 4125013, 4195091, 4515090)

PN # TF-UMC672-01
48V Fan for
Tellabs UMC672 Cabinet
w/ 2 Wire Plug

(fan only, use with existing metal housing)

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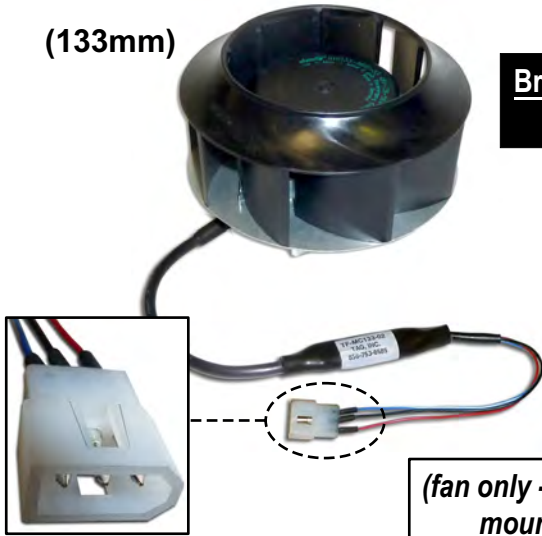
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OSP Cabinet Heat Exchanger Fans

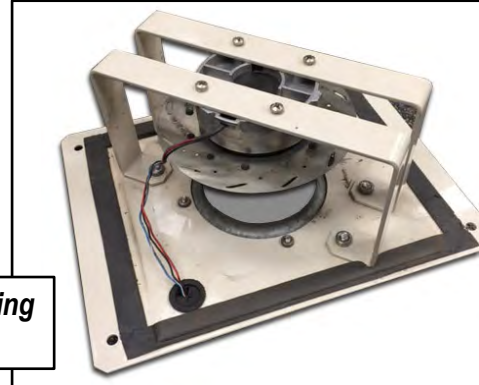
"Mesa 768 Cabinet"

(133mm)

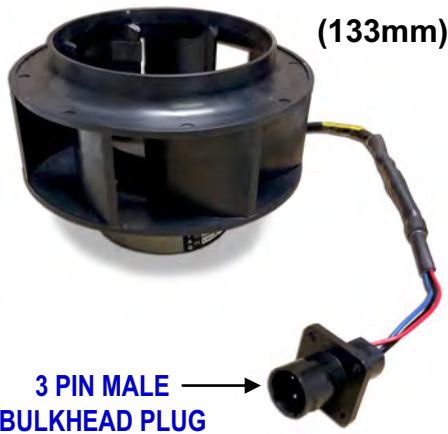


**Brightspeed SAP MAT #
1355448**

PN # TF-MC133-02
**(133mm) Heat Exchanger for
Mesa 768 Cabinets**
w/ 3 Pin Plug



*(fan only - use with existing
mounting bracket)*



**3 PIN MALE
BULKHEAD PLUG**

(133mm)

**Brightspeed SAP MAT #
1482855**

"Mesa Sport Cabinet"

PN # TF-MC133-05
**(133mm) Heat Exchanger for
Mesa Sport Cabinets**
w/ 3 Pin Male Bulkhead Plug

*(fan only - use with existing
mounting bracket)*

"Mesa Sport Cabinet"

PN # TF-CSHX133-01
**(133mm) Heat Exchanger for
Cell Site Mesa Sport Cabinets**
w/ 4 Pin Male Weatherproof Plug

*(fan only - use with existing
mounting bracket)*

(133mm)



**4 PIN MALE
WEATHERPROOF PLUG**

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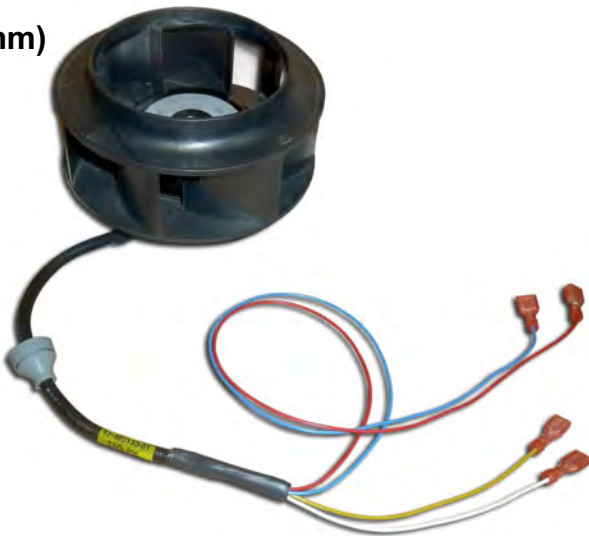
Telephone: (856) 753-8585
Fax : (856) 768-7645

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OSP Cabinet Heat Exchanger Fans

" Purcell FlexAir 741 Cabinet "

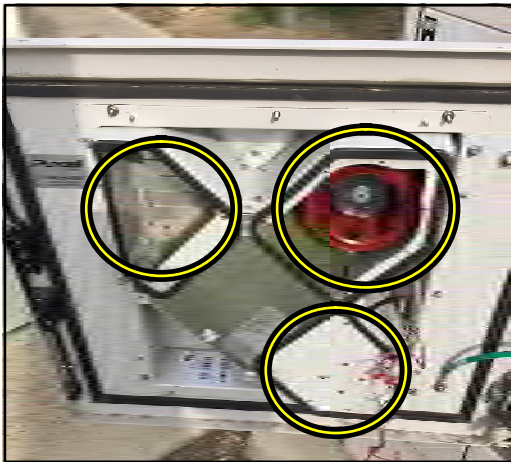
(133mm)



**Brightspeed SAP MAT #
1358926**

*fan only -
use with existing bracket*

PN # TF-MC133-01
(133mm) Heat Exchanger
for Purcell FlexAir 741 Cabinet (Door)
w/ 4 Leads & Faston Connectors



**VIEW OF FLEXAIR 741 CABINET w/
DOOR OPEN & FAN COVER PLATE REMOVED**

PN # TF-MC175-04
(175mm) Heat Exchanger
for Purcell A009 Cabinet
w/ Weatherproof Connector



**VIEW OF A009 CABINET w/
FAN COVER PLATE REMOVED**

" Purcell A009 Cabinet "

(175mm)

*fan only,
use with existing bracket -
(for Fan Kit with Bracket,
order # TF-MC175-04-KIT)*



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OSP Cabinet Heat Exchanger Fans

"SRA-200 Cabinet"

PN # TF-SRA200-01
(175mm) Heat Exchanger for
SRA-200 Cabinet
 w/ 3 Wire Plug

*(fan only,
 use with existing mounting bracket)*

(175mm)



MAT # 1492655

MAT # 1358925

(175mm)



"Mesa 4 NXT Cabinet"

PN # TF-MC175-02
(175mm) Heat Exchanger for
Mesa 4 NXT Cell Site Cabinet
 w/ 3 Wire Plug

*(fan only,
 use with existing fan assembly)*

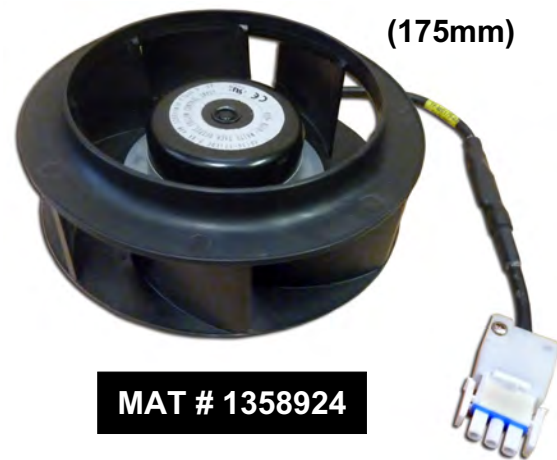
(Common Fan Replacement for
Siemens ICN Assembly: 087-23500-10)

"OSP Cabinet"

PN # TF-MC175-03
(175mm) Heat Exchanger for
OSP Cabinet
 w/ 3 Wire Plug

*(fan only,
 use with existing fan assembly)*

(175mm)



MAT # 1358924

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OSP Cabinet Replacement Heat Exchangers / Fans

"Siemens 914EX Metro MXU"

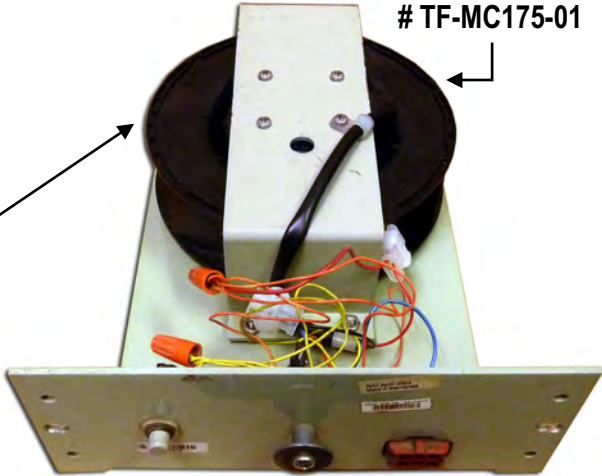
(175mm)



MAT # 1467133

PN # TF-MC175-01
(175mm) Heat Exchanger for Siemens 914EX Metro MXU Cabinet

w/ 2 Wire Open End & (2) butt splices / hardware



TF-MC175-01

NEW FAN
SHOWN INSTALLED ON
EXISTING ASSEMBLY BRACKET
(assembly bracket is not included)

"Siemens 914E RT "

PN # TF-914EHX-01
48V Heat Exchanger for Siemens 914E RT Cabinet

w/ Power Prongs

Brightspeed SAP MAT #
1490825



"Siemens 914EX Metro MXU"



MAT # 1359017

PN # TF-914EXMET-01
48V Replacement Fan for Siemens 914EX Metro MXU Tray

w/ Power Prongs

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OSP Cabinet Heat Exchangers & Fans



12V
(120mm)

**Brightspeed SAP MAT #
1444322**

"Adtran Opti 6100"

PN # TF-OPTI-01
12V Fan for
Adtran Opti 6100 Fan Trays
w/ 3 Wire Plug

**ADTRAN OPTI 6100, EFANM →
FAN TRAY # 1184508L2
(4 FANS)**
(fan tray is not included)



"Adtran TA5000 - Low Profile"

PN # TF-TA5KH-02
48V "Low Profile" Heat Exchanger for
Adtran TA5000 Cabinet Door
w/ 4 Wire Plug



MAT # 1501884

(fan only, use with existing guard grill)



**ADTRAN TA5000 CABINET DOOR
(6 HEAT EXCHANGERS)**

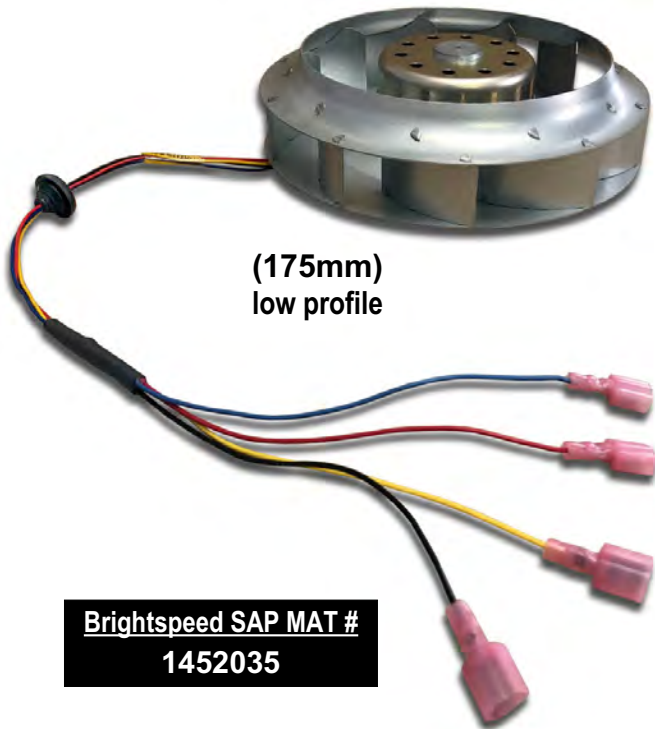
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Telecom Assistance Group

OSP Cabinet Heat Exchanger Fans



(175mm)
low profile

Brightspeed SAP MAT #
1452035

(2) HEAT EXCHANGERS MOUNTED IN EACH DOOR
(4) FANS TOTAL

"ODC Cabinet Door HX"

PN # TF-HX175LP-01
(175mm) "Low Profile"
Heat Exchanger for
Calix ODC Cabinet Door

*w/ Grommet, 4 Leads
& Faston Connectors*



CALIX ODC CABINET (DOOR)

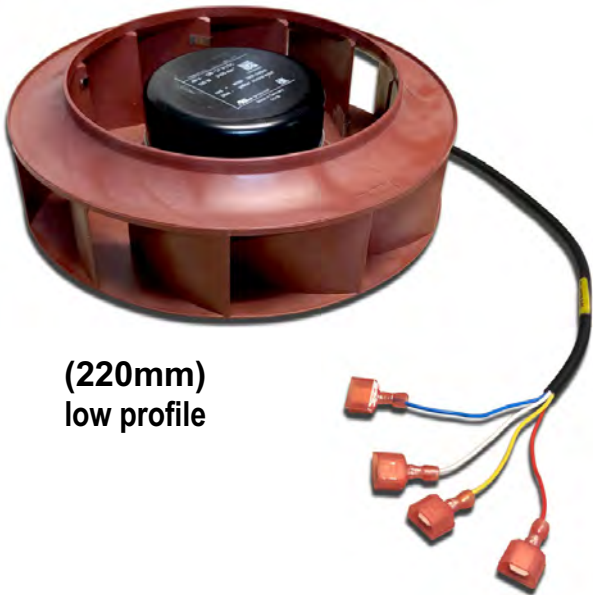
"ODC 1000 Cabinet HX"

PN # TF-HX220LP-01
(220mm) "Low Profile"
Heat Exchanger for
Calix ODC 1000 Cabinet

w/ 4 Leads & Faston Connectors

*(fan only,
use with existing mounting bracket)*

MAT # 1477798



(220mm)
low profile

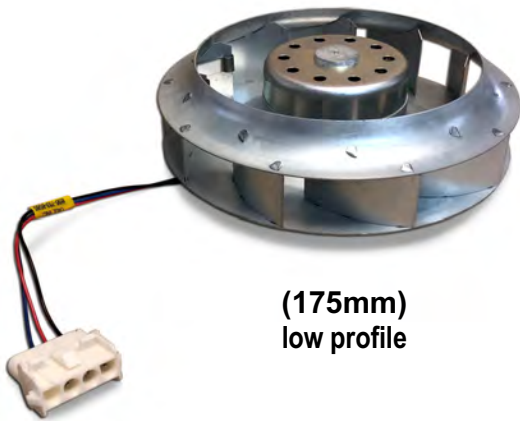
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OSP Cabinet Heat Exchanger Fans



(175mm)
low profile

"OPM 640 Cabinet (Retro Fit) HX"

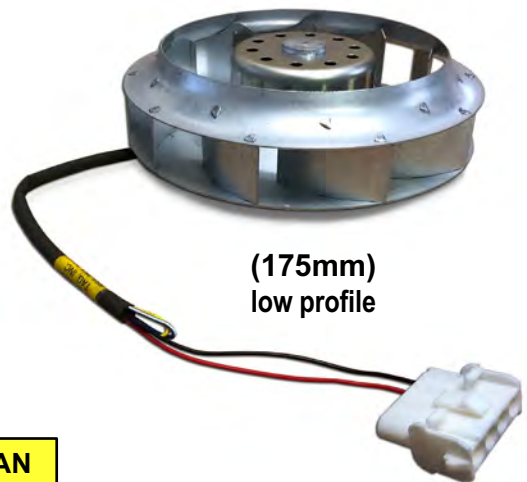
PN # TF-OPM640HX
(175mm) "Low Profile" Heat Exchanger
OPM 640 Cabinet (Retro Fit Roof)

w/ 3 Wire, 4 Pin Plug

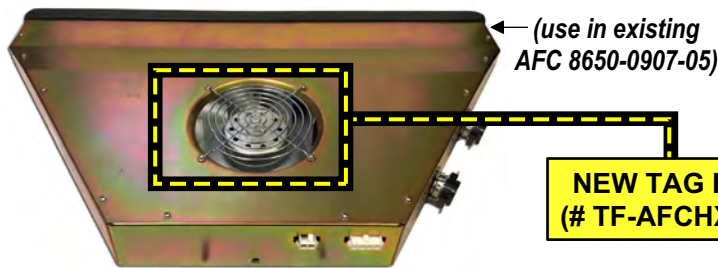
"OPM Cabinet HX"

PN # TF-AFCHX-01
(175mm) "Low Profile" Heat Exchanger
for AFC Roof Fan Unit in OPM Cabinets

w/ 2 Wire, 4 Pin Plug



(175mm)
low profile



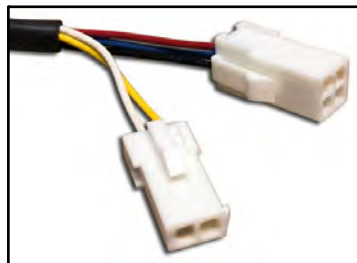
MAT # 1475725

"Catena Cabinet HX"

PN # TF-CATNHX-01
(175mm) "Low Profile" Heat Exchanger for
Catena Cabinet



(175mm)
low profile



w/ (1) 2 Wire Plug &
(1) 3 Wire, 4 Pin Plug

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Telecom Assistance Group

OSP Cabinet Replacement Heat Exchangers / Fans

"Mesa Bridge Cabinet"

PN # TF-MC179-01A

Heat Exchanger Replacement for
Mesa Bridge Cabinet (Upper - Internal)
w/ 4 Wire Female Weatherproof Plug

MAT # 1490468

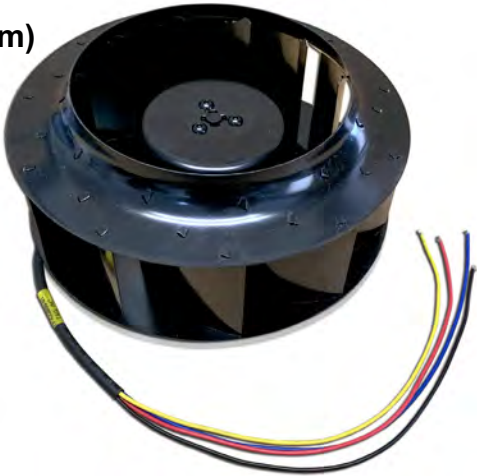
PN # TF-MC179-01

Heat Exchanger Replacement for
Mesa Bridge Cabinet (Lower - Door)
w/ 4 Wire Female Weatherproof Plug



(ECUs are also available for Mesa Bridge Cabinets, order # **TFC-MESA-01**, Brightspeed MAT # 1492180)

(250mm)



"Ice Qube Cabinet"

PN # TF-CQ250-01

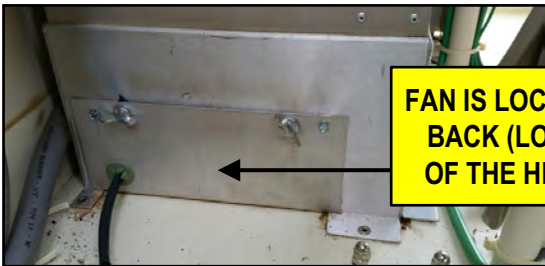
(250mm) Heat Exchanger Replacement for
Ice Qube Cabinet
w/ 4 Wire Open End

"AFC Cabinet"

PN # TF-AFC672-01

48 Volt Replacement Fan for
AFC Cabinet Heat Stack
w/ Power Prongs

MAT # 1456851



FAN IS LOCATED IN THE BACK (LOWER) SIDE OF THE HEAT STACK



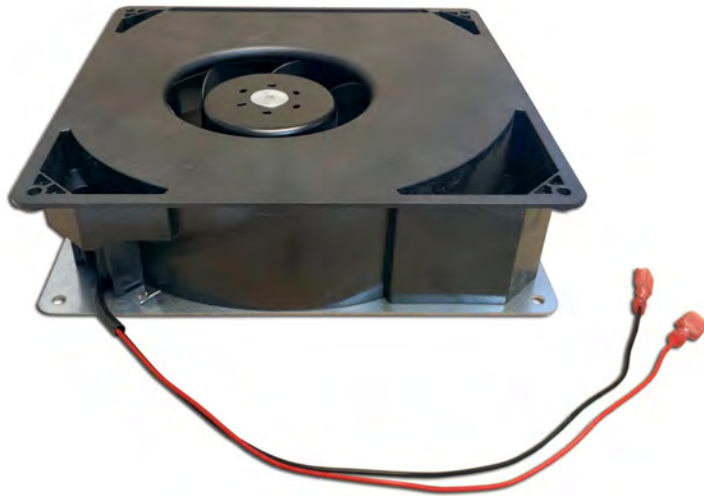
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OSP Cabinet Heat Exchanger Fans & Alarm Control Boards



"Calix ODC Stack"

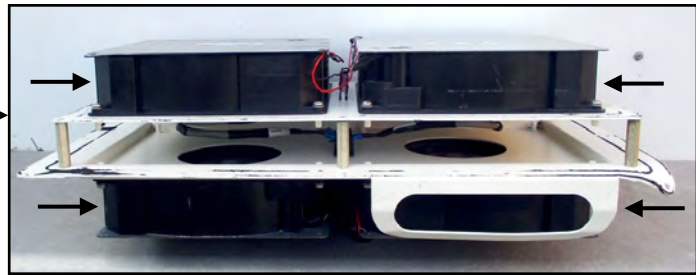
PN # TF-CLXODC-01F
48V Heat Exchanger for
Calix ODC Stack

w/ 2 Wires &
Faston Connectors

MAT # 1456478

**CALIX ODC
HEAT EXCHANGER
UNIT (4 HX)**

*(heat exchanger unit
is not included)*



"Calix ODC-2000"

PN # TFC-CALIX2KHx
Alarm Control Board for
Calix ODC-2000 Cabinet HX Controller

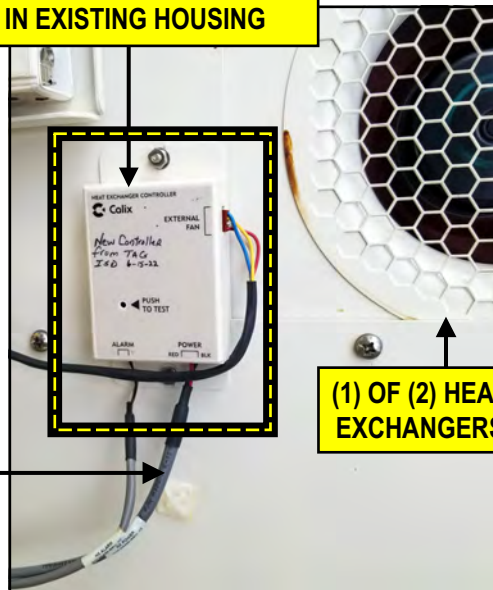
MAT # 1481590



(control board only, use in existing housing)

NEW HX Power Cables are also available,
order # **TFCS-CLX2KHx**, MAT # **1490190**

**CONTROL BOARD MOUNTED
IN EXISTING HOUSING**



**(1) OF (2) HEAT
EXCHANGERS**

CALIX ODC-2000 CABINET (INSIDE VIEW)

150 Cooper Rd. (F-15)
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Telecom Assistance Group

OSP Cabinet Heat Exchanger Fans

PN # TF-CLX225-01

(225mm) HX Impeller Fan (Upper) for
Calix ODC Cabinet
 w/ 4 Wire Female Snap on Plug, (14" cable)

Brightspeed SAP MAT # 1490321

PN # TF-CLX225-02

(225mm) HX Impeller Fan (Upper) for
Calix ODC Cabinet
 w/ 4 Wire Female Snap on Plug, (30" cable)

MAT # 1492772

PN # TF-CLX225-03

(225mm) HX Impeller Fan (Lower) for
Calix ODC Cabinet
 w/ 4 Wire Male Snap on Plug, (30" cable)

MAT # 1492619

"Calix ODC - 225mm"



*(fan only,
 mounting bracket
 is not included)*



(4) HEAT EXCHANGERS ARE MOUNTED IN THE HX UNITS ATTACHED TO THE DOORS

"Calix ODC - 133mm"

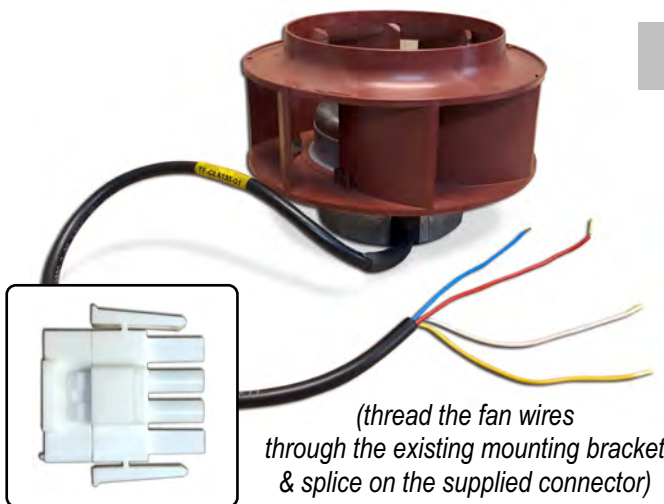
PN # TF-CLX133-01

(133mm) Heat Exchanger for
Calix ODC Cabinet
 w/ 4 Wire Open End*

**(includes (4) butt splices
 & (1) 4 pin connector)*

(fan only, mounting bracket is not included)

Brightspeed SAP MAT # 1490163



*(thread the fan wires
 through the existing mounting bracket
 & splice on the supplied connector)*

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OSP Cabinet Heat Exchanger Fans

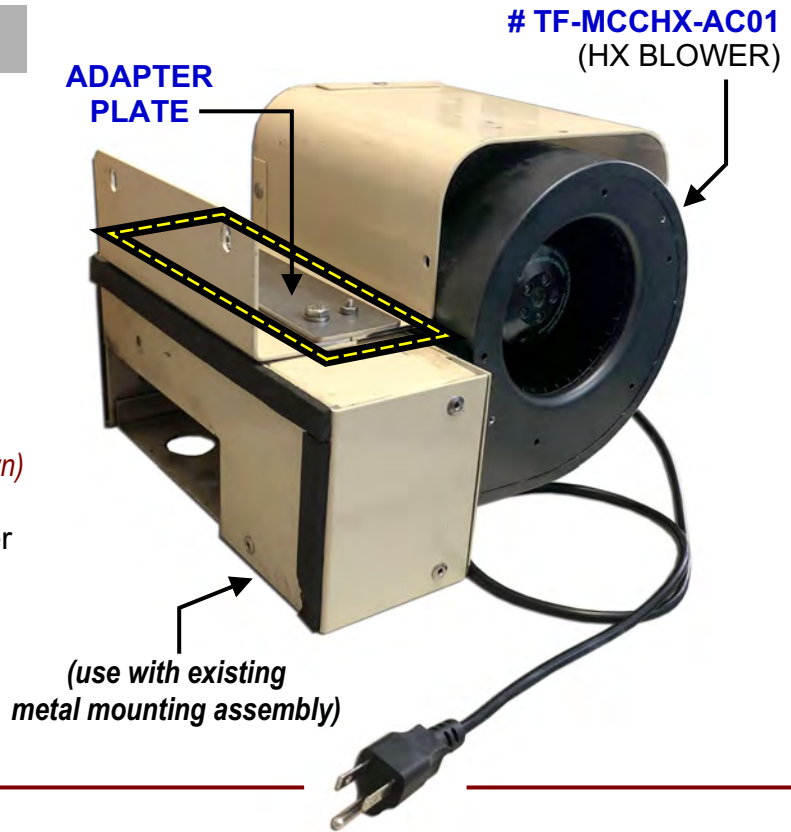
"Reltec / McLean"

PN # TF-MCCHX-AC01
 110 VAC Replacement
 Heat Exchanger Blower
Reltec / McLean Cabinet
 w/ 3 Prong Power Plug
 & Adapter Plate

MAT # 1481410

PN # TF-MCCHX-AC0R (not shown)
 110 VAC Replacement
(RIGHT) Heat Exchanger Blower
Reltec / McLean Cabinet
 w/ 3 Prong Power Plug
 & Adapter Plate

MAT # 1493505



"McLean ClimaGuard"



(175mm or 225mm)

PN # TF-TX38HX-01
 (225mm) Heat Exchanger for
McLean ClimaGuard Cabinet Cooler
 w/ 4 Wire Weatherproof Connector
 (use in TX38-5684-001
 Cabinet Cooler)

MAT # 1473110

PN # TF-TX33HX-01 (not shown)
 (175mm) Heat Exchanger for
McLean ClimaGuard Cabinet Cooler
 w/ 4 Wire Weatherproof Connector
 (use in TX33-2848-104
 Cabinet Cooler)

MAT # 1473428

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OSP Cabinet Heat Exchanger Fans

"Noren Cooling Unit"

**Brightspeed SAP MAT #
1359090**

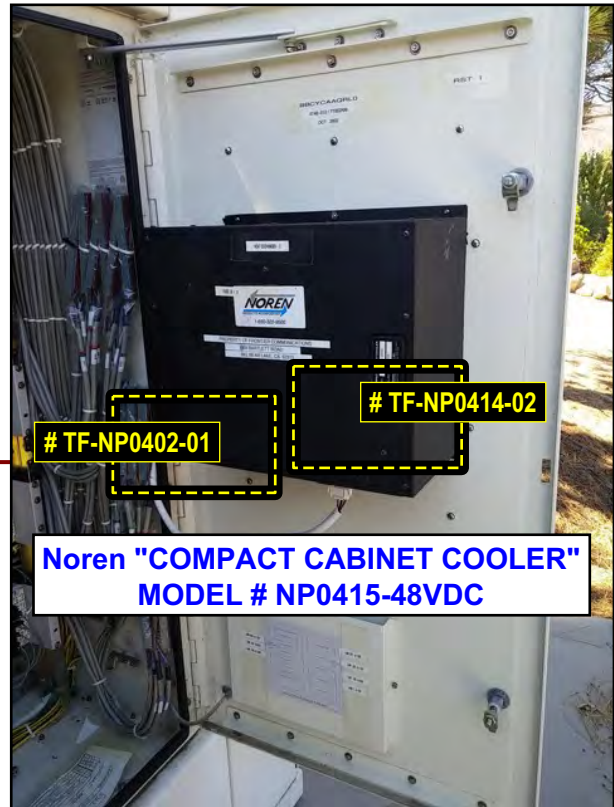


PN # TF-NP0402-01

48 Volt Replacement Heat Exchanger for
Noren Cooling Unit - Internal (6.71K)

w/ 3 Wire Open End & 3 Butt Splices

Internal fan (circulates the air inside the cabinet, located on lower half)



**Noren "COMPACT CABINET COOLER"
MODEL # NP0415-48VDC**

MAT # 1359019



PN # TF-NP0414-02

48 Volt Replacement Heat Exchanger for
Noren Cooling Unit - External (8.45K)

w/ 3 Wire Open End & 3 Butt Splices

External fan (circulates the air outside the cabinet, located on top half)

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Telephone: (856) 753-8585

Fax : (856) 768-7645

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OSP Cabinet Heat Exchanger Fans

PN # TF-MC225-01 *
(225mm) Heat Exchanger for
Mesa Cabinet (Top)

w/ Round Weatherproof Connector

Heat Exchangers are accessed through a panel on the solar shield (top / roof of cabinet)

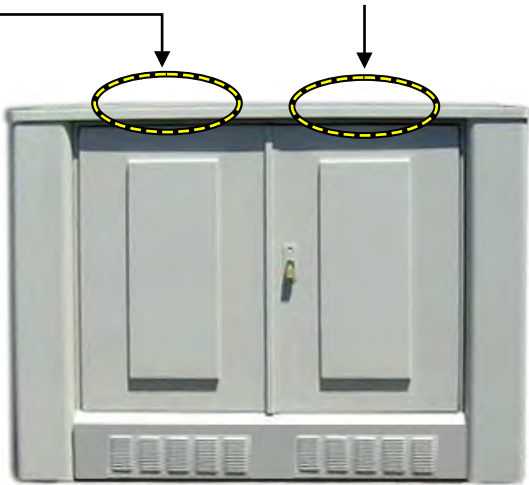


** use with existing bracket*

► **Common Replacement for :** EBM R1G225-AC73-XX (where XX=36,38,39,52)
EBM R1G225-AF11-XX (where XX=13,14)

► **Typically used in Mesa Type Cabinets:** (QTY of 1) in a Mesa 2 Cabinet
(QTY of 2) in a Mesa 4 Cabinet (shown below)

TOP / ROOF (SOLAR SHIELD)
OF MESA CABINET w/ EXISTING HEAT EXCHANGER



MESA 4 CABINET (FRONT VIEW)

Ordering Information:

TF-MC225-01 (225mm) Heat Exchanger for Mesa Cabinet (Top)
w/ Round Weatherproof Connector
(fan only - use with existing bracket)

Brightspeed SAP MAT #

1345222

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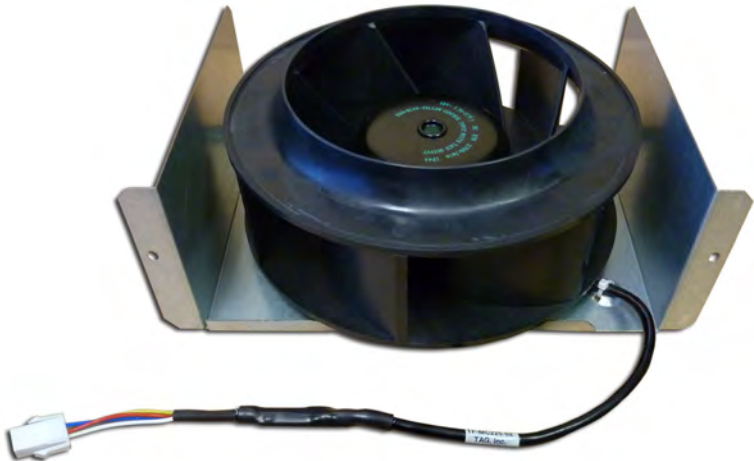
OSP Cabinet Heat Exchanger Fans

PN # TF-MC225-02-KIT
(225mm) Heat Exchanger Kit
for Mesa Cabinet (Bottom)

Kit includes:

- (1) Heat Exchanger**
w/ 4 Wire Plug
&
- (1) Mounting Bracket**

*(for fan without a Bracket,
order # TF-MC225-02)*

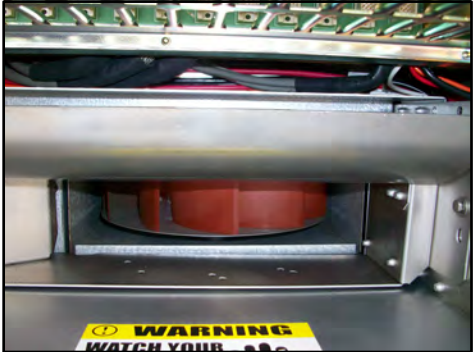


► **Common Replacement for :**

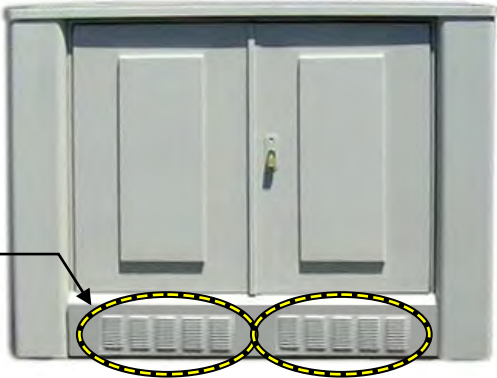
EBM R1G225-AC73-XX (where XX=36,38,39,52)	EBM R1G225-AF11-XX (where XX=13,14)
EBM R1G225-AE07-11 EBM R1G225-AG39-10	EBM R1F250-AQ00-XK EBM R1G225-AG15-AA

- **Typically used in Mesa Type Cabinets:** (QTY of 1) in a Mesa 2 Cabinet
(QTY of 2) in a Mesa 4 Cabinet (shown below)

INSIDE / BOTTOM VIEW OF MESA CABINET
w/ EXISTING HEAT EXCHANGER



MESA 4 CABINET (FRONT VIEW)



Ordering Information:

TF-MC225-02-KIT	(225mm) Heat Exchanger Kit for Mesa Cabinet (Bottom) w/ 4 Wire Plug & Mounting Bracket	<u>MAT #</u> 1451725
TF-MC225-02 <i>(fan only)</i>	(225mm) Heat Exchanger for Mesa Cabinet (Bottom) w/ 4 Wire Plug	<u>Brightspeed SAP MAT #</u> 1345223
TFB-MC225-02 <i>(bracket only)</i>	Mounting Bracket & Hardware for Mesa Cabinet 225mm Bottom Heat Exchanger	<u>MAT #</u> 1451078

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OSP Cabinet Heat Exchanger Fans & ECU

"Cell Site Mesa XL Cabinet"

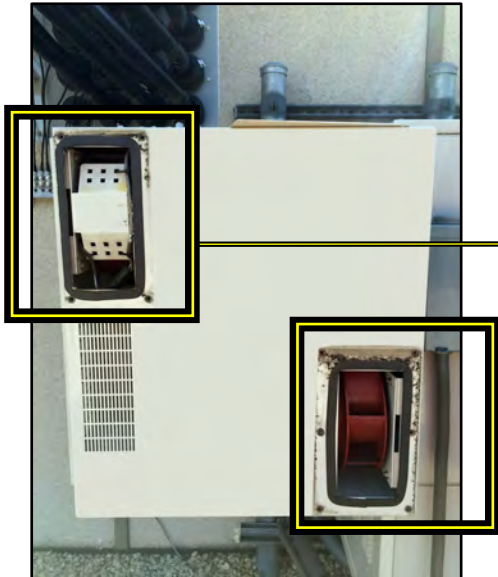
PN # TF-MC225-01 *
(225mm) Cell Site Heat Exchanger for Emerson Mesa XL Cabinet Door
w/ Round Weatherproof Connector



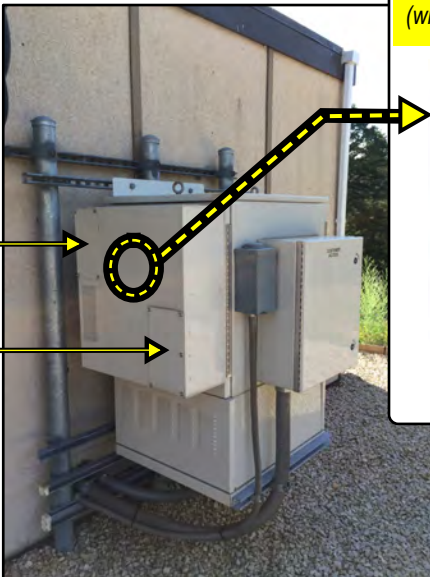
Common Replacement for:
EBM R1G225-AF11-XX

** use with existing bracket*

MESA XL CABINET DOOR
w/ OLD FANS



CELL SITE LOCATION



Need a NEW Alarm Controller ECU for this Cabinet ?
(without replacing the whole door)

PN # TFC-MESA-01

Ordering Information:		Brightspeed SAP MAT #
TF-MC225-01	Cell Site Replacement Heat Exchanger (225mm) for Emerson Mesa XL Cabinet Door w/ Round Weatherproof Connector <i>(Common Replacement for EBM R1G225-AF11-XX)</i> <i>(fan only - use with existing bracket)</i>	1345222
TFC-MESA-01	2 Port Mesa Cabinet Environmental Control Unit (ECU) <i>(used in Mesa Cell Site Cabinets: XL, SOLE, Span XL, Bridge, Edge & Sport)</i>	1492180

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