

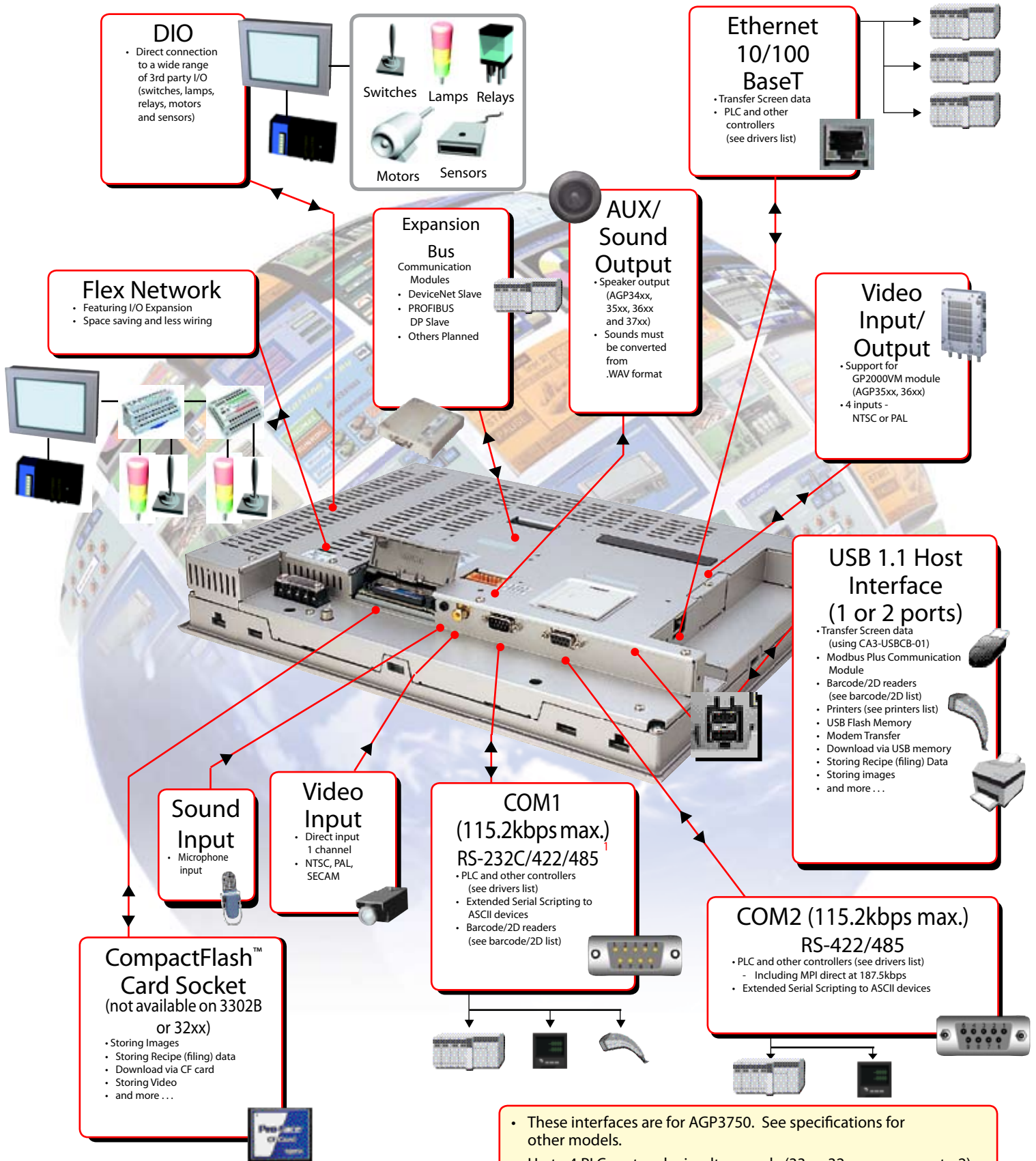
AGP3000 SERIES



Pro-face Operator Interfaces

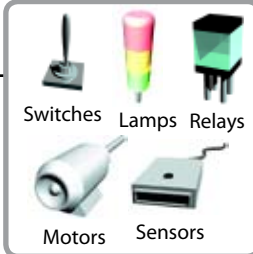
CONNECTIVITY - PLC CABLES - ACCESSORIES

Pro-face®



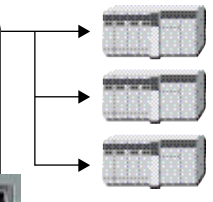
DIO

- Direct connection to a wide range of 3rd party I/O (switches, lamps, relays, motors and sensors)



Ethernet 10/100 BaseT

- Transfer Screen data
- PLC and other controllers (see drivers list)



Flex Network

- Featuring I/O Expansion
- Space saving and less wiring



Expansion Bus Communication Modules

- DeviceNet Slave
- PROFIBUS DP Slave
- Others Planned

AUX/Sound Output

- Speaker output (AGP34xx, 35xx, 36xx and 37xx)
- Sounds must be converted from .WAV format

Video Input/Output

- Support for GP2000VM module (AGP35xx, 36xx)
- 4 inputs - NTSC or PAL

USB 1.1 Host Interface (1 or 2 ports)

- Transfer Screen data (using CA3-USBCB-01)
- Modbus Plus Communication Module
- Barcode/2D readers (see barcode/2D list)
- Printers (see printers list)
- USB Flash Memory
- Modem Transfer
- Download via USB memory
- Storing Recipe (filng) Data
- Storing images
- and more ...

Sound Input

- Microphone input

Video Input

- Direct input 1 channel
- NTSC, PAL, SECAM

COM1 (115.2kbps max.) RS-232C/422/485

- PLC and other controllers (see drivers list)
- Extended Serial Scripting to ASCII devices
- Barcode/2D readers (see barcode/2D list)

COM2 (115.2kbps max.) RS-422/485

- PLC and other controllers (see drivers list)
- Including MPI direct at 187.5kbps
- Extended Serial Scripting to ASCII devices

CompactFlash™ Card Socket (not available on 3302B or 32xx)

- Storing Images
- Storing Recipe (filng) data
- Download via CF card
- Storing Video
- and more ...

• These interfaces are for AGP3750. See specifications for other models.

• Up to 4 PLC protocols simultaneously (33xx, 32xx can use up to 2).

• Please refer to documentation for allowable configurations.

¹ AGP3302-B model has only RS-232C on COM1 port, and RS-422/485 on COM2.

AGP3000 INTERFACE CONNECTIVITY



Interface/Model	3200A/T	3302B	3300L/S/T	3400S/T	3450T	3500L/S	3500T/3510T	3550T/3560T	3600T	3650T	3750T
COM1 (115.2kbps max.) RS-232C/422/485	Yes (187.5kbps for MPI direct)	Yes (RS-232C ONLY) DB9 Socket Type	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
COM2 (115.2kbps max.; 187.5kbps for MPI direct) RS-422/485	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ethernet 10/100 BaseT	Yes	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
USB 1.1 Host Interface	1 port	1 port	1 port	1 port	1 port	2 ports	2 ports	2 ports	2 port	2 ports	2 ports
CompactFlash Card Socket	-	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Expansion Bus	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Video	-	-	-	-	1 Ch Video In	-	-	1 Ch Video In	-	1 Ch Video In	1 Ch Video In
GP2000-VM41 Support	-	-	-	-	-	-	Yes	Yes	Yes	Yes	-
Sound	-	-	-	Yes	Yes ¹	Yes ¹	Yes	Yes ¹	Yes ¹	Yes ¹	Yes ¹
DIO	-	-	Yes ²	Yes ²	-	Yes ²	Yes ²	-	Yes ²	-	-
Flex Network	-	-	Yes ³	Yes ³	-	Yes ³	Yes ³	-	Yes ³	-	-

¹ Sounds must be converted from .WAV format. Note: AGP3x50 models also include one microphone input.

² Sink or Source depending on model; refer to individual datasheets.

³ F/N AC/DC models varies; refer to individual datasheets.

Drivers

PLC Drivers

Rockwell Automation
DF1
DH-485
EtherNet I/P (SLC500/PLC5/MicroLogix)
EtherNet I/P (Compact/Control Logix Tag Based)
DeviceNet Slave

Siemens AG
SIMATIC S7 3964(R)/RK512
SIMATIC S7 MPI Direct
SIMATIC S7 Ethernet
SIMATIC S5 CPU Direct
PROFIBUS DP Slave

GE Fanuc Automation
Series 90 Ethernet (SRTP)
Series 90-30/70 SNP
Series 90-30/70 SNP-X

Schneider Electric
Modbus Master (SIO or TCP)
Modbus Slave (SIO or TCP)
Modbus Plus
Uni-Telway

Sharp MS Corp.
JW Series Computer Link SIO
JW Series Computer Link Ethernet

TOYODA Machine Works (JTEK Corp.)
TOYOPUC CMP-LINK SIO
TOYOPUC CMP-LINK Ethernet
TOYOPUC-PC3J Series

YOKOGAWA Electric Corp.
Personal Computer Link SIO
Personal Computer Link Ethernet
FA-M3 (Ethernet)

Toshiba Machine
PROVISOR TC200 (Serial)

Toshiba
Computer Link SIO

Meidensha
UNISEQUE Series Ethernet

LS Industrial Systems
XGT Series FEnet (Ethernet)
Master-K Series Cnet

FANUC
Power Mate Series

Fuji Electric Corp.
MICREX-F Series SIO
MICREX-SX Series SIO

YASKAWA Electric Corp.
MEMOBUS SIO
MEMOBUS Ethernet
MP Series SIO (extension)
MP Series Ethernet (extension)

OMRON Corp.
C/CV Series Host Link
C/CJ Series Host Link
CS/CJ Series Ethernet

Mitsubishi Electric Corp.
A Series CPU Direct
A Series Ethernet
A Series Computer Link
FX Series CPU Direct
FX Series Computer Link
Q Series CPU Direct
Q/QnA Serial Communication
Q/QnA Series Ethernet
QnA Series CPU Direct
QUTE Series CPU Direct

Mitsubishi Heavy Industries
DIASYS Netmation Modbus TCP

Hitachi Industrial Equipment Systems
HIDIC H Series Ethernet
HIDIC H Series
S10V Series Ethernet

Matsushita Electric Works
FP Series Computer Link SIO

KEYENCE Corp.
KV-700/1000 Series Ethernet
KV-700/1000 Series CPU Direct

Saia-Burgess Controls
SAIA S-Bus SIO

Temperature Controllers

Yamatate Corp.
Digital Controller SIO

RKC Instrument
Temp. Controller Modbus SIO
Temp. Controller SIO

OMRON Corp.
Temp. Controller CompoWay/F

Shinko Technos Co. Ltd.
Indicating Controller SIO

Fieldbus Module

PROFIBUS DP Slave
ODVA DeviceNet Slave

Other Connections

Digital Electronics Corp.
Memory Link (SIO and Ethernet)
General Ethernet (using D-Script)

Please visit our web site for the most updated list of device drivers.

Barcode, 2D Readers & Printers

	Manufacturer	Model	Type	Comments	
Serial	Aimex Corporation	BR-530RS	Pen	Requires BB-60 power supply	
	OPT Electronics	OPT-6125-RS	Touch Scanner (read width: 65mm)	Requires DC5300T for power	
	Denso Co.	HC-36IITR	Touch Scanner (read width: 61mm)	Requires P-200 for power, also requires KRS-423-XF1K (from Sanwa Supply) connector cable	
	HHP	IT3800LR-12	Linear imager	Requires cable 42203758-03 (IT3800LR-12 Reader has been shown to work but is not fully tested)	
	Cognex	Dataman 7500	1D and 2D Barcode Scanner	Use 42206139-04E RS232 cable, also requires power supply	
USB	Aimex Corporation	BR-530UK	Pen	Power supply not required	
	OPT Electronics	OPT-6125-USB	Touch Scanner (read width: 65 mm)	Power supply not required	
	Denso Co.	HC-36TU-K	Touch Scanner (read width: 61mm)	Power supply not required	
	HHP	IT5800	Hand-held Industrial Scanner	5800SR050-0F00 is complete with USB cable	
	Symbol	LS3408-FZ	LS3408-FZ	Hand-held Industrial Scanner	Part #LS3408-FZ20005 needs cable CBA-U01-S07ZA
			LS2800	Hand-held Industrial Scanner	Use Serial or USB cable available from Symbol
	Epson	Stylus Photo R200, R260	Inkjet printer	Use USB cable FP-US00 or commercial type	
Epson	ECS/P24-J84(C)	Command printer	Use USB conversion cable IEE1284 (commercially available)		
NEC	PC-PR201-PL	Command printer	Use USB conversion cable IEE1284 (commercially available)		
Ethernet	Any/All	Any	Remote Print Server	Use Ethernet network to connect to remote print server	



USB Transfer Cable (1m)
CA3-USBCB-01
 Downloads project data created with GP-Pro EX from PC's USB port to AGP's USB port.



USB Cable (5m)
FP-US00
 Connects a USB printer (TYPE-B) port to AGP's USB port.



USB Front Cable (1m)
CA5-USBEXT-01
 USB extension cable.



RS-232C Cable (5m)
CA3-CBL232/5M-01
 Connects Mitsubishi PLC A-Series to the AGP RS-232C COM port.



GP RS-422 Cable (5m)
CA3-CBL422-01
 Connects the AGP RS-422 COM port 2 via 9-pin plug to host controller via open wires.



RS-422 Cable (5m)
CA3-CBL422/5M-01 Connects the AGP RS-422 COM port 1 via 9-pin socket to host controller via open wires .



Mitsubishi PLC A-Series Connection Cable (5m) **CA3-CBLA-01**
 Connects Mitsubishi PLC A-Series and QnA-Series programming console port to AGP.



Mitsubishi PLC Q-Series Cable (5m)
CA3-CBLQ-01
 Connects Mitsubishi PLC Q-Series programming console port to AGP. Connection Cable.



Mitsubishi PLC Q-Series Cable (5m)
CA3-CBLLNKMQ-01
 Connects Mitsubishi PLC Q-Series to the AGP RS-232C COM port. Link Cable.



Mitsubishi PLC FX-Series Cable (5m)
CA3-CBLFX/5M-01 (5m)
CA3-CBLFX/1M-01 (1m)
 Connects Mitsubishi PLC FX-Series programming console port to AGP RS-422 COM port.



Omron PLC SYSMAC Link Cable (5m)
CA3-CBLSYS-01
 Connects Omron PLC SYSMAC Series unit to the AGP RS-232C port.



GP Multi-Link Cable (5m)
CA3-CBLMLT-01
 Connects a host controller to the AGP RS-422 port for multi-link (n:1) communication.



GP 2 Port Adapter Cable (5m)
CA3-MDCB11
 Connects Mitsubishi PLC to the AGP RS-422 port using 2 port adapter II (GP070-MD11).



9-pin-to-25-pin RS-232C Conversion Cable
CA3-CBLCBT232-01
 9-pin D-sub socket to 25-pin RS-232 cable adapter (for use with some HMI-CAB-Cxxx cables).



9-pin-to-25-pin RS-422 Conversion Cable
CA3-CBLCBT422-01
 9-pin D-sub socket to 25-pin RS-422 cable adapter (for use with some HMI-CAB-Cxxx cables).



Allen Bradley SLC 5/03, 5/04 Series Cable
HMI-CAB-ST52
HMI-CAB-ST52-30X
HMI-CAB-ST52-50X
 Connects AGP3000/ST401 to AB PLC via RS-232 9 pin D-sub.



Ethernet Crossover Cable
HMI-CAB-ETH
 6-ft. HMI to PLC Ethernet port or to program HMI.



Micrologix PLC Cable
HMI-CAB-ST106
 Connects AGP3000/ST401 to PLC RS-232 8 pin DIN port.



PLC Adapter Cable
HMI-CAB-ST001
 Connects to AGP3000/ST40x serial port with 9 conductor open ended wires for connecting to 3rd party screw terminal devices.



RS-232C Cross Type Cable (5m)
GP410-IS00-O
 25 pin D-sub connector both ends. Requires CA3-CBLCBT232-01.



Serial USB cable for modem download
CA6-USB232-01



1-Amp Power Supply
510-1000-004
2-Amp Power Supply
510-1000-041
 24VDC Din Rail Mount Class 1 Div 2

RS-485 Isolation Unit
CA3-ISO485-01
RS-232C Isolation Unit
CA3-ISO232-01

Unit for electrically isolating a serial interface signal from the AGP internal current (RS-422 and RS-485 are switchable, or RS-232C and RS-422 are switchable).

AGP3000 Accessories

Pro-face®



GP-Pro EX Editor Software
EX-ED-V21
(Includes one user license.)
Movie Converter Software
EX-MOVCON-LICENSE
Additional User License EX-ED-
LICENSE-V21



Pro-Server EX Data Management Software
EX-SDV-V11
(Includes one user license.)
Additional User License
EX-SED-LICENSE



Siemens COM Port Conversion Adapter
CA3-ADPSEI-01
Connects Siemens PLCs to the AGP RS-485 port. 9-pin male D-sub to 9-pin female D-sub.



COM Port Conversion Adapter
CA3-ADPCOM-01
9-pin D-sub plug to 9-pin D-sub socket adapter.



On-line Adapter
CA4-ADPONL-01
9-pin male to 9-pin female D-sub adapter.



AUX Connector
CA5-AUXCNALL-01
The AUX connector for AGP3000 series required in case an external output is used.



Terminal Block Conversion CA3-ADPTRM-01
9-pin male D-sub to screw terminal.



Mitsubishi PLC A, QnA, FX Series 2 Port Adapter II
GP070-MD11
Allows simultaneous use of an AGP3000 Series unit and a Mitsubishi PLC A, QnA, FX Series peripheral device.



DC Power Supply Connector for 330x and 34x0 models
CA5-DCCNM-01



DC Power Supply Connector for 35x0 and 36x0 models
CA5-DCCNL-01



Installation Fastener
CA3-ATFALL-01
Used to install the AGP3000 Series into a solid panel (included with unit).



USB Cable Clamp (2 port)
CA5-USBATL-01
USB Cable clamp for 2 port HMI units to prevent disconnection.



USB Cable Clamp (1 port)
CA5-USBATM-01
USB Cable clamp for 1 port HMI units to prevent disconnection.



Panel Cutout Adapter for AGP3500 series
CA4-ATM10-01
Panel cutout adapter for mounting in cutout of GP2500 (TFT).



Panel Cutout Adapter for AGP3300 series
CA4-ATM5-01
Panel cutout adapter for mounting in cutout of GP37W2B.

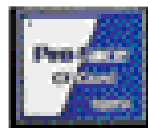


PROFIBUS Slave Unit
CA5-PFSALL/EX-01
PROFIBUS Slave Communication Module for connecting AGP to PROFIBUS DP network.

DeviceNet Slave Unit
CA6-DNSALL/EX-01
DeviceNet Slave Module for connecting AGP to DeviceNet network



CF Card Adapter
GP077-CFAD10
Used for read/write of CF Card data via a PC's PCMCIA slot.



CompactFlash Card inserts into the unit's CF Card slot.
128MB
CA3-CFCALL/128MB-01
256MB
CA3-CFCALL/256MB-01
512MB
CA3-CFCALL/512MB-01

AGP3500T/AGP3550T Backlight Replacement
CA5-BLU10T-01

AGP3750T Backlight Replacement
CA3-BLU15-01

AGP3600T/AGP3650T Backlight Replacement
CA3-BLU12-01

AGP3500S/GP2501S Backlight Replacement
PS501S-BU00

Note: AGP3200, AGP3300, AGP3400, and AGP3500L Backlights cannot be replaced in the field.

Protection Sheets - disposable, dirt-resistant cover for screen (5 sheets/set)

15" for AGP3700 series
CA3-DFS15-01

12" for AGP3600 series
CA3-DFS12-01

10" for AGP3500 series
CA5-DFS10-01

8" for AGP3400 series
PS400-DF00

6" for AGP3300 series
CA3-DFS6-01

4" for AGP3200 series
CA6-DFS4-01

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734-429-4971
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<http://www.profaceamerica.com>

Customer Support Hotline:
734-944-0482

Doc#: AGP3000 CabConAcc(Rev F)

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