SonicWALL TZ Series

NETWORK SECURITY

Uncompromising Security and Performance

- **Uncompromising performance**
- **SonicWALL Reassembly-Free Deep Packet Inspection™**
- **SonicWALL Unified Threat Management (UTM)**
- **SonicWALL Comprehensive Anti-Spam Service**
- **SonicWALL Application Firewall**
- **Modular 3G wireless broadband**
- **Secure 802.11b/g/n wireless LAN (WLAN)**
- **Advanced IPSec and SSL VPN**
- **SonicWALL PortShield port-level security**
- **Automated failover and failback**
- **Intuitive configuration wizards**
- **Robust Voice and Video over IP (VoIP)**
- **Global Management System**

Network security can not stand still while driving factors like Web 2.0 advancements, expanding bandwidth and emerging threats rapidly evolve and overtake its capabilities. By leveraging SonicWALL's advanced processing technology, the all new TZ Series **dramatically expands comprehensive protection** at a performance level that will not compromise **network throughput.** Each TZ appliance is available as a SonicWALL TotalSecure™ solution, conveniently bundling all hardware and services needed for comprehensive protection.

The all new SonicWALL® TZ Series, including the **TZ 100, TZ 200** and **TZ 210** network security appliances, shatters these limitations by offering the revolutionary, fastest multi-layered network security in its class. Utilizing SonicWALL's industry-leading Unified Threat Management (UTM) and patented Reassembly-Free Deep Packet Inspection,™* the TZ Series delivers in-depth protection at unparalleled performance. The all new TZ Series dramatically outperforms their TZ 180 and 190 predecessors, with the entry level TZ 100 delivering two-and-a-half times the UTM throughput of its predecessors. The TZ Series cost-effectively integrates IPSec and SSL VPN remote access, VoIP, and optional 802.11b/g/n wireless with optional 3G wireless broadband. Designed for the needs of distributed enterprise sites, branch offices, small and medium-sized businesses, retailers and managed service providers, the TZ Series is the first affordable solution that can maximize the highest speeds available from modern ISPs while delivering full UTM protection.

Features and Benefits

Uncompromising performance, applying real-time scanning over state-of-the-art high-speed architecture, delivers up to Gigabit Ethernet speeds.

SonicWALL Reassembly-Free Deep Packet Inspection™ provides enterprise-class protection for key Internet services such as Web, e-mail, file transfers, Microsoft Windows services and messaging.

SonicWALL Unified Threat Management (UTM) delivers real-time gateway protection against the latest viruses, spyware, intrusions, software vulnerabilities and other malicious code.

SonicWALL Comprehensive Anti-Spam Service utilizes real-time sender IP reputation analysis and cloud-based Advanced Content Management techniques to remove spam, phishing and virus-laden messages from inbound SMTP-based e-mails before they reach your network. This service eliminates the need for less effective, slow responding and error prone real-time black list services.

SonicWALL Application Firewall offers granular application-level access controls to manage bandwidth and prevent leaks of sensitive or proprietary information.

Modular 3G wireless broadband and analog modem support can be used as either a primary or secondary WAN connection for business continuity or rapid deployment in remote locations.

Secure 802.11b/g/n wireless LAN (WLAN) technologies provide secure high-speed wireless connectivity with SonicWALL's wireless security enforcement.

Advanced IPSec and SSL VPN connectivity options provide secure, high-speed office-to-office and individual user remote access.

SonicWALL PortShield port-level security offers flexible protection from traffic on the WAN, DMZ and devices inside your network by easily grouping ports into logical units.

Automated failover and failback ensures continuous uptime of VPN tunnels by diverting traffic over alternate WAN or WLAN connections in the event of primary connection failure.

Intuitive configuration wizards simplify even the most complicated tasks, including VPN set-up, NAT configuration and public server configuration.

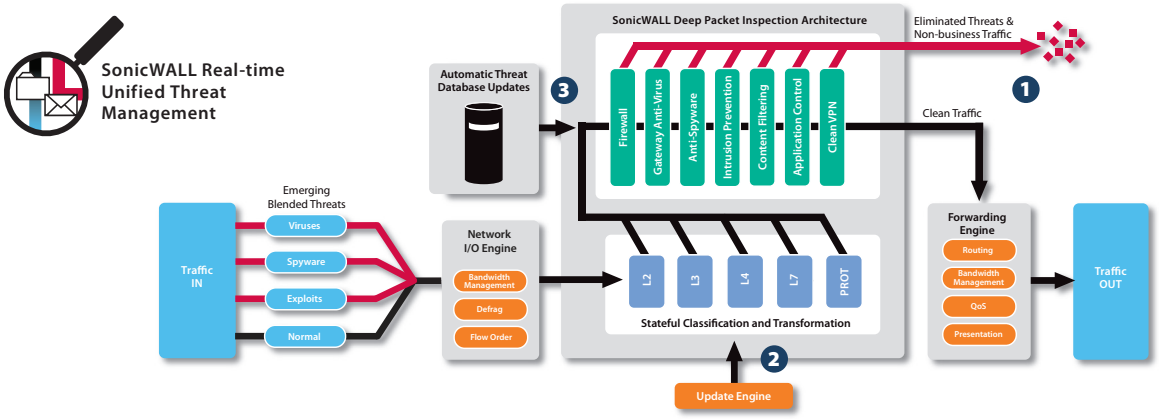
Robust **Voice and Video over IP (VoIP)** capabilities offer secure, standards-based support for sending voice (audio), streaming video and other media over IP-based networks.

Global Management System (GMS) provides comprehensive global management and reporting tools for simplified configuration, enforcement and management from a central location.

*U.S. Patent 7,310,815–A method and apparatus for data stream analysis and blocking.

SONICWALL®

SonicWALL's TZ Series is the ultimate security platform for distributed and small networks, including remote and branch offices and retail/POS deployments

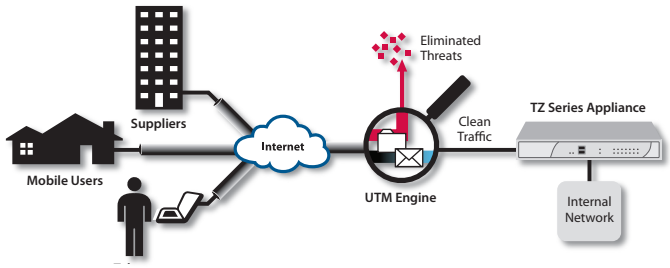


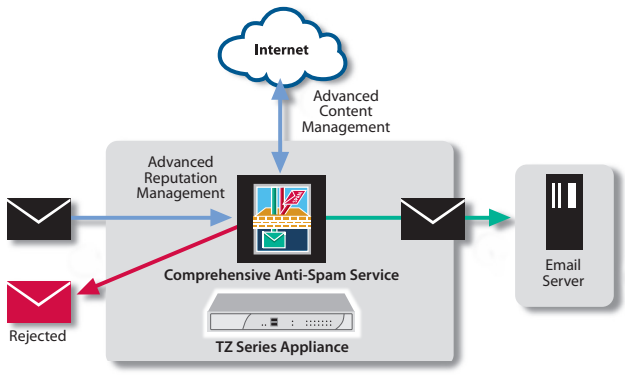
Best-in-Class Threat Protection

1. SonicWALL deep packet inspection protects against network risks such as viruses, worms, Trojans, spyware, phishing attacks, emerging threats and Internet misuse. Application Firewall adds highly-configurable controls to prevent data leakage and manage bandwidth at the application level.
2. The SonicWALL Reassembly-Free Deep Packet Inspection™ (RFDPI) engine comprehensively scans entire packets in real-time without stalling traffic in memory. This functionality allows threats to be identified and eliminated over unlimited file sizes and unrestricted concurrent connections, without interruption.
3. The TZ Series provides dynamic network protection through continuous, automated security updates, protecting against emerging and evolving threats without requiring any administrator intervention.

SonicWALL Clean VPN™

The TZ Series includes innovative SonicWALL Clean VPN™ technology that protects against vulnerabilities and decontaminates malicious code in traffic from remote users, mobile users and branch offices before it enters the corporate network, all without user intervention. The TZ Series supports both IPSec and SSL VPN termination.





New SonicWALL Comprehensive Anti-Spam Service

enables SonicWALL's fully-featured, market-leading protection against spam, phishing, viruses and malware with one simple check box. Using the same technology behind SonicWALL's award-winning Email Security product portfolio, you'll enjoy a 98% effectiveness rate against spam, and reduced bandwidth consumption by eliminating up to 80% of threats at the connection level. With no additional hardware, software or servers to purchase, you'll benefit from an integrated, single point of management, configuration and reporting.

Centralized Policy Management

The TZ Series can be managed using the SonicWALL Global Management System (GMS), which provides flexible, powerful and intuitive tools to manage configurations, view real-time monitoring metrics and integrate policy and compliance reporting, all from a central location.

Deployments

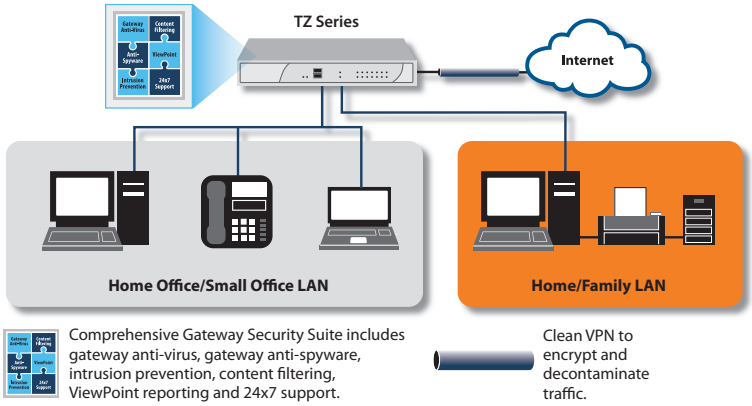
Home Office/Small Office

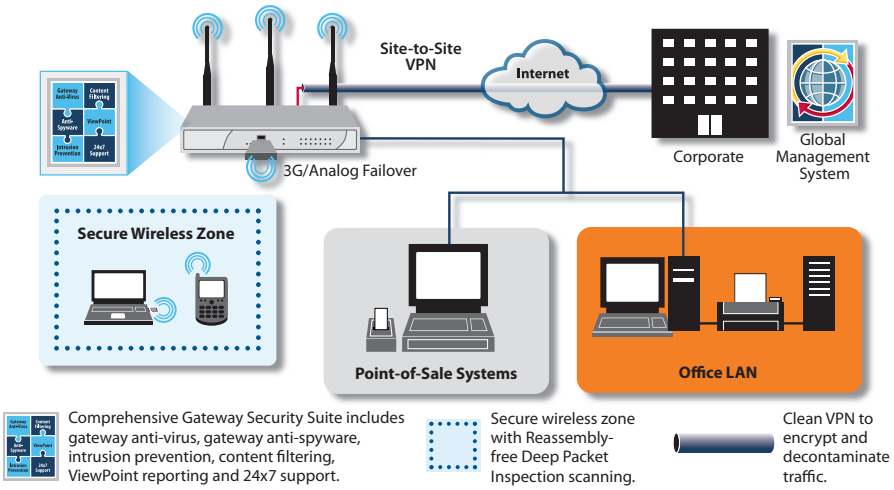
Designed as a complete Unified Threat Management (UTM) platform delivering business-class protection to home office networks, the TZ Series features PortShield technology, which provides secure segmentation of the home network from "work" equipment.

Technologies utilized:

- Unified Threat Management (Gateway Anti-Virus, Anti-Spyware, Intrusion Prevention, Content Filtering, and Enforced Client Anti-Virus)
- PortShield
- SSL VPN and IPSec VPN
- Optional 802.11n Clean Wireless

TZ 100 **TZ 200** **TZ 210**





Small Office/Retail

The TZ Series is a high-performance security platform for small professional offices and retail deployments with mission-critical needs. The TZ 200 and TZ 210 Series feature 3G connectivity through an integrated USB slot for use as either the primary or backup WAN connection.

Technologies utilized:

- Unified Threat Management (Gateway Anti-Virus, Anti-Spyware, Intrusion Prevention, Content Filtering, and Enforced Client Anti-Virus)
- 3G failover
- WAN and VPN failover
- PortShield
- 802.11n Clean Wireless
- Global Management System

TZ 100 **TZ 200** **TZ 210**

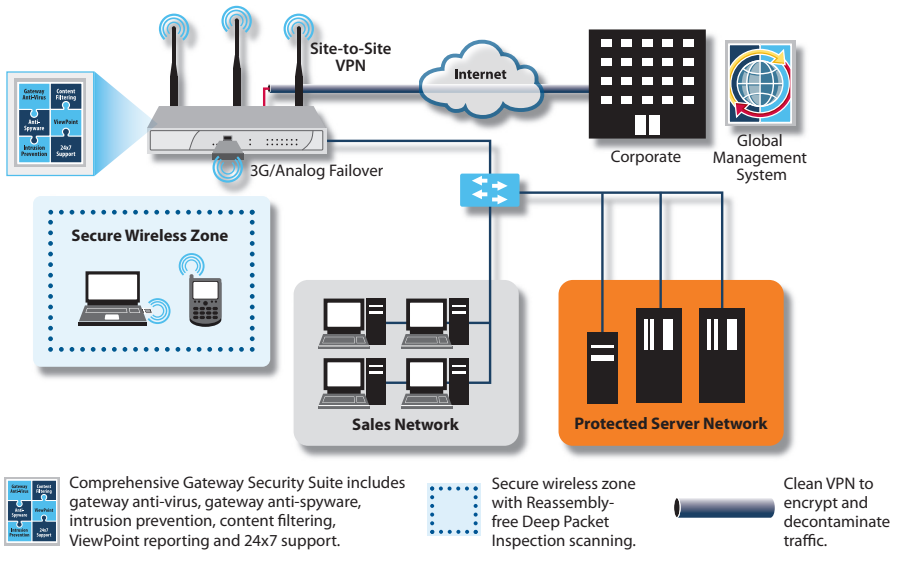
Remote/Branch Office

The TZ 200 and TZ 210 Series are the fastest multi-layered network security solutions in their class, giving remote and branch offices unparalleled Unified Threat Management protection against continually evolving threats. PortShield offers network segmentation, while Application Firewall on the TZ 210 provides application classification and policy management to control applications. Get security and segmentation, along with performance and reliability.

Technologies utilized:

- Unified Threat Management (Gateway Anti-Virus, Anti-Spyware, Intrusion Prevention, Content Filtering, and Enforced Client Anti-Virus)
- Comprehensive Anti-Spam Service
- SSL VPN and IPSec VPN
- 802.11n Clean Wireless
- Optional hardware failover
- Global Management System

TZ 100 **TZ 200** **TZ 210**



Specifications

SonicWALL TZ 100
01-SSC-8734

SonicWALL TZ 100 Wireless-N
01-SSC-8735 (US/Canada)

SonicWALL TZ 100 TotalSecure
01-SSC-8739

SonicWALL TZ 100 Wireless-N
TotalSecure 01-SSC-8723
(US/Canada)

SonicWALL TZ 200
01-SSC-8741

SonicWALL TZ 200 Wireless-N
01-SSC-8742 (US/Canada)

SonicWALL TZ 200 TotalSecure
01-SSC-8746

SonicWALL TZ 200 Wireless-N
TotalSecure 01-SSC-8715
(US/Canada)

SonicWALL TZ 210
01-SSC-8753

SonicWALL TZ 210 Wireless-N
01-SSC-8754 (US/Canada)

SonicWALL TZ 210 TotalSecure
01-SSC-8769

SonicWALL TZ 210 Wireless-N
TotalSecure 01-SSC-8773
(US/Canada)

		All New TZ Series		
Firewall	**TZ 180 Series**	**TZ 100 Series**	**TZ 200 Series**	**TZ 210 Series**
SonicOS Version	SonicOS Standard	SonicOS Enhanced	SonicOS Enhanced	SonicOS Enhanced
Stateful Throughput[1]	90 Mbps	100 Mbps	100 Mbps	200 Mbps
GAV Throughput[2]	10 Mbps	35 Mbps	50 Mbps	70 Mbps
IPS Throughput[2]	15 Mbps	50 Mbps	70 Mbps	110 Mbps
UTM Throughput[2]	10 Mbps	25 Mbps	35 Mbps	50 Mbps
IMIX Throughput[2]	–	40 Mbps	50 Mbps	110 Mbps
Maximum Connections	6,000	6,000	8,000	10,000
New Connections/Sec	250	1,000	1,000	1,500
Nodes Supported	10/25/Unrestricted	Unrestricted		
Denial of Service Attack Protection	22 classes of DoS, DDoS and scanning attacks			
SonicPoints Supported	16	1	2	16
VPN	**TZ 180 Series**	**TZ 100 Series**	**TZ 200 Series**	**TZ 210 Series**
3DES/AES Throughput[3]	30 Mbps	75 Mbps	75 Mbps	75 Mbps
Site-to-Site VPN Tunnels	2 (10 Node), 10 (25 Node)	5	10	15
Bundled GVC Licenses (Maximum)	0 (10 Node), 1 (25 Node) 5 (10 Node), 25 (25 Node)	0 (5)	2 (10)	2 (25)
Bundled SSL VPN Licenses (Maximum)	–	1 (5)	1 (10)	2 (10)
Encryption/Authentication	DES, 3DES, AES (128, 142, 256-bit), MD5, SHA-1			
Key Exchange	IKE, Manual Key, Certificates (X.509), L2TP over IPSec			
Certificate Support	Verisign, Thawte, Cybertrust, RSA Keon, Entrust and Microsoft CA for SonicWALL-to-SonicWALL VPN			
VPN Features	Dead Peer Detection, DHCP Over VPN, IPSec NAT Traversal, Redundant VPN Gateway			
Global VPN Client Platforms Supported	Microsoft® Windows 2000, Windows XP, Vista 32/64-bit			
SSL VPN Platforms	Microsoft Windows 2000/ XP/ Vista 32/64-bit, Mac OSX 10.4+, Linux FC3+/ Ubuntu 7+/ OpenSUSE			
Security Services	**TZ 180 Series**	**TZ 100 Series**	**TZ 200 Series**	**TZ 210 Series**
Deep Packet Inspection Services	Gateway Anti-Virus, Anti-Spyware and Intrusion Prevention			
Content Filtering Service (CFS)	HTTP URL, HTTPS IP, keyword and content scanning, ActiveX, Java Applet, and cookie blocking			
Enforced Client Anti-Virus and Anti-Spyware	HTTP/S, SMTP, POP3, IMAP and FTP, Enforced McAfee™ Client E-mail attachment blocking			
Comprehensive Anti-Spam Service	–	Supported	Supported	Supported
Application Firewall	–	–	–	Supported
Networking	**TZ 180 Series**	**TZ 100 Series**	**TZ 200 Series**	**TZ 210 Series**
IP Address Assignment	Static, (DHCP, PPPoE, L2TP and PPTP client), Internal DHCP server, DHCP relay			
NAT Modes	1, 1:many, many:many, transparent mode	1:1, 1:many, many:1, many:many, flexible NAT (overlapping IPs), PAT, transparent mode		
VLANs	PortShield*	PortShield		
DHCP	Internal server, relay			
Routing	RIPv1/v2 advertisement, static routes	OSPF, RIP v1/v2, static routes, policy-based routing, multicast		
Authentication	XAUTH/RADIUS, Active Directory, SSO, LDAP, internal user database			
User Database	100/150* users	25 users	100 users	150 users
VoIP	Full H.323v1-5, SIP, gatekeeper support, outbound bandwidth management, VoIP over WLAN, deep inspection security, full interoperability with most VoIP gateway and communications devices			
System	**TZ 180 Series**	**TZ 100 Series**	**TZ 200 Series**	**TZ 210 Series**
Zone Security	Yes*	Yes	Yes	Yes
Schedules	Yes	Yes	Yes	Yes
Object-based/Group-based Management	Yes*	Yes	Yes	Yes
DDNS	Dynamic DNS providers include: dyndns.org, yi.org, no-ip.com and changeip.com			
Management and Monitoring	Local CLI, Web GUI (HTTP, HTTPS), SNMP v2; Global management with SonicWALL GMS			
Logging and Reporting	ViewPoint, Local Log and Syslog			
Hardware Failover	–	–	Active/Passive	Active/Passive
Anti-Spam	RBL support, Allowed/Blocked Lists, Optional SonicWALL Anti-Spam Desktop available*			
Load Balancing	Yes, Outgoing and Incoming*			
Standards	TCP/IP, UDP, ICMP, HTTP, HTTPS, IPSec, ISAKMP/IKE, SNMP, DHCP, PPPoE, L2TP, PPTP, RADIUS, IEEE 802.3			
Built-in Wireless LAN	**TZ 180 Series**	**TZ 100 Series**	**TZ 200 Series**	**TZ 210 Series**
Standards	802.11b/g (WEP, WPA, WPA2, 802.11i, TKIP, PSK,02.1x, EAP-PEAP, EAP-TTLS)	802.11b/g/n (WEP, WPA, WPA2, 802.11i, TKIP, PSK,02.1x, EAP-PEAP, EAP-TTLS)		
Antennas (5 dBi Diversity)	Dual, detachable, external			Triple, detachable, external
Radio Power				
802.11b	13 dBm maximum	18 dBm maximum		
802.11g	20 dBm maximum @ 6~48 Mbps, 19dBm @ 54 Mbps	18 dBM @ 6~48 Mbps 14 dBm @ 54 Mbps		
802.11n	–	19 dBm MCS 0, 12 dBm MCS 15		
Radio Receive Sensitivity				
802.11b	-89 dBm @ 11 Mbps	-90 dBm @ 11Mbps		
802.11g	-91 dBm @ 6 Mbps, 73 dBm @ 54 Mbps	-91 dBm @ 6Mbps, -74 dBm @ 54 Mbps		
802.11n	–	-89 dBm MCS 0, -70 dBm MCS 15		
Hardware	**TZ 180 Series**	**TZ 100 Series**	**TZ 200 Series**	**TZ 210 Series**
Interfaces	(7) 10/100	(5) 10/100	(5) 10/100	(2) 10/100/1000, (5) 10/100
Flash Memory/RAM	16 MB/128 MB	16 MB/128 MB	16 MB/256 MB	32 MB/256 MB
3G Wireless/Modem	–	–	With USB 3G Adapter/Modem	
USB Ports	–	–	1	2
Power Input	100 to 240 VAC, 50-60 Hz, 1 A			
Max Power Consumption	7.7 W/10.0 W (TZ 180 W)	7.5 W/9.5 W (TZ 100 W)	8.6 W/10.6 W (TZ 200 W)	9.4 W/11.7 W (TZ 210 W)
Total Heat Dissipation	26 BTU/34 BTU (TZ 180 W)	26 BTU/33 BTU (TZ 100 W)	30 BTU/37 BTU (TZ 200 W)	32 BTU/40 BTU (TZ 210 W)
Certifications	ICSA Firewall 4.1, Common Criteria EAL4+, FIPS 140-2 Level 2, VPNC AES*	VPNC AES		
Certifications (Pending)	–	ICSA Firewall 4.1, FIPS		
Form Factor and Dimensions	8.3 x 4.9 x 1.1 in (21.1 x 12.4 x 2.8 cm)	6.30 x 5.63 x 1.46 in (16 x 14.3 x 3.7 cm)	6.30 x 5.63 x 1.46 in (16 x 14.3 x 3.7 cm)	8.9 x 5.9 x 1.9 in (22.5 x 14.9 x 3.6 cm)
Weight	1.6 lbs/0.73 kg 1.9 lbs/0.86 kg (TZ 180 W)	2.0 lbs/0.91 kg 2.5 lbs/1.1 kg (TZ 100 W)	2.0 lbs/0.91 kg 2.5 lbs/1.1 kg (TZ 200 W)	2.0 lbs/0.91 kg 2.8 lbs/1.3 kg (TZ 210 W)
Major Regulatory Compliance	FCC Class B, ICES Class B, CE, C-Tick, VCCI Class B, MIC, NOM, UL, cUL, TUV/GS, CB, WEEE, RoHS			
Environment/Humidity	32-105° F, 0-40° C/ 5-95% non-condensing			
MTBF	8.5 Years	8 Years Minimum		

[1]Testing Methodologies: Maximum performance based on RFC 2544 (for firewall). Actual performance may vary depending on network conditions and activated services. [2]Throughput measured using Spirent HTTP throughput test. [3]VPN throughput measured using UDP traffic at 1280 byte packet size adhering to RFC 2544. *With SonicOS Enhanced. **3G card and modem are not included. See http://www.sonicwall.com/us/products/cardsupport.html for supported USB devices.

SonicWALL, Inc.

1143 Borregas Avenue
Sunnyvale CA 94089-1306

T +1 408.745.9600
F +1 408.745.9300

www.sonicwall.com

©2009 SonicWALL and the SonicWALL logo are registered trademark of SonicWALL, Inc. Other product names mentioned herein may be trademarks and/or registered trademarks of their respective companies. Specifications and descriptions subject to change without notice. 08/09 SW 702