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Nota di contenuto	Audel WaterWell Pumps andSystems Mini-Ref; Contents; Chapter 1 TYPES OF WELLS; Dug Wells; Shallow Wells; Drilled Wells; Driven Wells; Jetted Wells; Alternative Water Sources; Recovery Rate; Water Storage Tanks; Chapter 2 TYPES OF WELL PUMPS; Booster Pumps; Simple Pump Choices; Shallow-Well Jet Pumps; Deep-Well Jet Pumps; Submersible Pumps; A Rule-of-Thumb; Cost; Chapter 3 PUMP SELECTION; Refresher Course; Friction Loss; Minimum Water Requirements; How Deep Is the Water In the Well?; Recovery Rate; Water Pressure; Planning for Future Use Conditions; Summary; Chapter 4 WELL PRESURE TANKS Stand ModelsIn-Line Models; Pump Stand Models; Underground Models; How Does a Diaphragm Pressure Tank Work?; Pressure Tank Capacity; A Preinstallation Process; Mounting a Pressure Tank; Positioning In-Line Tanks; Mounting a Pump Stand Model; Mounting a Vertical Stand-Model Pressure Tank; Underground Well Pressure Tanks; Manifold Installations; Fine-Tuning Your Installation; Chapter 5 WELL PIPING CHOICES; Polyethylene Pipe (PE); Copper; Cross-linked Polybutylene (PEX); Which Pipe?; Piping Specifications; Some Installation

Pointers; Chapter 6 WELL SYSTEM COMPONENTS; Major Components Check ValvesGate Valves; Foot Valves; Relief Valves; Pressure Gauges; Pressure Switches; Boiler Drains; Torque Arrestors; Pitless Adapters; Tail Pipes; Well Rope; Tank Tees; Unions; Electrical Devices; Chapter 7 ELECTRICAL FACTS AND FIGURES; Manufacturer's Recommendations; Connecting the Pressure Switch; Wiring for Submersible Pumps; Chapter 8 JET PUMP INSTALLATIONS; New Installation of a Shallow-Well Jet Pump; Replacing a Shallow-Well Jet Pump; The Installation of a Deep-Well Jet Pump; Chapter 9 SUBMERSIBLE PUMP INSTALLATION; Pitless Adapter; Connecting a Drop Pipe to a Submersible Pump Wiring the PumpConnecting the Drop Pipe to the Pitless Adapter; Lowering the Pump; Connecting Wires at the Wellhead; Inside the Foundation; Chapter 10 BOOSTER PUMPS; General Information; Sizing Booster Pumps; Installation Diagrams; Chapter 11 WATER QUALITY; Noticeable Problems; Naturally Occurring Pollutants; Microorganisms; Radionuclides; Nitrates and Nitrites; Heavy Metals; Fluoride; Human Activity; Chapter 12 TROUBLESHOOTING AND REPAIRS; General Information; Problems and Solutions; Electrical Instructions; Typical Wiring Diagrams; More Electrical Testing Appendix: ADDITIONAL INFORMATION AND RESOURCESWell FAQ; Well Maintenance; Well Treatment; Well Testing; Water-Related Diseases and Contaminants in Private Wells; Private Well Water and Fluoride; Resources

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#### Sommario/riassunto

Introducing an Audel ""Mini-Ref"" for tradespeople working on water well pumps and pumping systems Water well pumps are used everywhere, with installations numbering in the millions. It's hard to believe that no one has written a small field book that covers these pieces of equipment. Finally, here's a great handy guide is for anyone who needs to know how these pumps work, how to troubleshoot problems unique to this type of piping system, and how to make common repairs for both above ground and submersible pumps. It contains vital and specific references applicable to a wide range of

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