


# Mechanical-Specs™

 Search project and documents

My Subscriptions

































Download 

Add Edited Master













- Unexpand all






[Master TOC](#) Can't find a spec? [Request a spec template](#) or Download [Pro Forma](#)

## ▼ 20 General Mechanical















































Section	Title	Description	ZeroDocs Master 	Edited Master 
20 05 05	Mechanical Work General Instructions		 W	
20 05 10	Basic Mechanical Materials and Methods		 W	
20 05 15	Seismic Control and Restraint		 W	
20 05 20	Mechanical Vibration Control		 W	
20 05 25	Mechanical Insulation		 W	
20 05 30	Variable Frequency Drives		 W	
20 05 35	Motor Starters, Control Centres, & Wiring		 W	
20 05 40	Demolition and Revision Work		 W	
20 05 45	Mechanical Work Commissioning		 W	
20 05 50	Owner's Commissioning Agent		 W	
20 05 55	Testing, Adjusting and Balancing		 W	
20 05 60	Firestopping and Smoke Seal Systems		 W	
20 05 65	LEED Certification Requirements		 W	
20 05 70	Piping Expansion Compensation		 W	
20 05 75	Pre-Purchased Mechanical Equipment		 W	























## ▼ 21 Fire Suppression

Section	Title	Description	ZeroDocs Master 	Edited Master 
21 11 16	Fire Hydrants		 W	
21 12 00	Fire Protection System		 W	
21 20 05	Fire Extinguishers		 W	
21 21 00	Carbon Dioxide Fire Suppression System		 W	
21 22 00	Clean Agent Fire Suppression System		 W	

































Section	Title	Description	ZeroDocs Master 	Edited Master 
21 31 00	Fire Pump		 .....	
21 40 00	Fire Suppression Water Storage		 .....	



























































▼  22 Plumbing



























































Section	Title	Description	ZeroDocs Master 	Edited Master 
22 11 13	Domestic Cold Water Booster Pump Set		 .....	
22 11 16	Domestic Water Piping and Valves		 .....	
22 11 19	Domestic Water Piping Specialties		 .....	
22 13 16	Drainage Waste and Vent Piping and Valves		 .....	
22 13 17	Drainage System Power Washing & Videotaping		 .....	
22 13 18	Drainage And Vent Piping Specialties		 .....	
22 13 19	Drainage Pumps and Accessories		 .....	
22 15 00	General Service Compressed Air System		 .....	
22 20 00	Site Services		 .....	
22 20 01	Site Irrigation		 .....	
22 31 00	Water Softening Equipment		 .....	
22 32 00	Domestic Water Filtration Equipment		 .....	
22 33 00	Electric Domestic Hot Water Heaters		 .....	
22 33 13	Instantaneous Electric Domestic Hot Water Heaters		 .....	
22 33 15	Domestic Hot Water Heat Exchangers		 .....	
22 34 13	Instantaneous Indirect Domestic Water Heaters		 .....	
22 34 40	Gas Fired Hot Water Pressure Washer		 .....	
22 34 41	Under Chassis Vehicle Washer		 .....	
22 34 42	Gas Fired Domestic Hot Water Heaters		 .....	
22 35 00	Domestic Hot Water Circulating Pumps		 .....	
22 35 05	Domestic Hot Water Storage Tanks		 .....	
22 35 10	Domestic Water Expansion Tanks		 .....	























































Section	Title	Description	ZeroDocs Master 	Edited Master 
22 42 00	Plumbing Fixtures and Fittings		 .....	
22 51 16	Pool Piping, Equipment & Fittings		 .....	
22 60 00	Medical Gas Piping Systems		 .....	
22 61 00	Dental Compressed Air System		 .....	
22 61 05	Dental Vacuum System		 .....	
22 61 10	Laboratory Compressed Air System		 .....	
22 66 00	Acid Resistant Drain and Vent Piping Systems		 .....	
22 70 05	Vehicle Service Piping, Valves and Specialties		 .....	
22 70 10	Garage Compressed Air System		 .....	
22 70 15	Lubricating and Service System Equipment		 .....	







































▼  23 HVAC

Section	Title	Description	ZeroDocs Master 	Edited Master 
23 11 13	Fuel Oil Piping System		 .....	
23 11 15	Fuel Oil Polishing System		 .....	
23 11 16	Fuel Oil Tanks		 .....	
23 11 23	Natural Gas Piping System		 .....	
23 21 12	Hydronic Radiant Floor Heating		 .....	
23 21 13	Hydronic Piping and Valves		 .....	
23 21 14	Preinsulated Heat Transfer Piping		 .....	
23 21 15	Closed Loop Geothermal Piping System		 .....	
23 21 16	Hydronic Piping Specialties		 .....	
23 21 18	Hydronic Radiant Heat Snow Melting System		 .....	
23 21 23	Hydronic Pumps		 .....	
23 22 13	Steam And Condensate Piping & Valves		 .....	
23 22 16	Steam And Condensate Piping Specialties		 .....	
23 23 00	Refrigerant Piping, Valves and Accessories		 .....	
23 23 05	Variable Refrigerant Flow System Equipment		 .....	






Section	Title	Description	ZeroDocs Master 	Edited Master 
23 25 00	HVAC Water Treatment		 .....	
23 25 05	HVAC Water Filtration Equipment		 .....	
23 25 10	H & AC Condensate Removal Pumps		 .....	
23 31 05	Standard Ductwork		 .....	
23 31 06	Special Systems Ductwork		 .....	
23 31 07	Ductwork Cleaning		 .....	
23 32 00	Casings and Plenums		 .....	
23 33 00	Duct System Dampers and Accessories		 .....	
23 33 05	Silencers		 .....	
23 33 10	Base Mounted Centrifugal Fans		 .....	
23 33 15	Utility Fans		 .....	
23 33 20	Centrifugal Inline Fans		 .....	
23 33 25	Plenum Fans		 .....	
23 33 30	Roof Mounted Exhaust Fans		 .....	
23 33 35	Sidewall Propeller Fans		 .....	
23 33 40	Corrosion Resistant Fans		 .....	
23 33 45	Air Curtains		 .....	
23 33 50	Axial Fans		 .....	
23 33 55	Ceiling Mounted Destratification Fans		 .....	
23 33 60	Ceiling Mounted Fans		 .....	
23 33 65	Heat Recovery Ventilators		 .....	
23 33 66	Large Heat Recovery Ventilators		 .....	
23 33 70	Roof Mounted Filtered Supply Fans		 .....	
23 36 00	Air Terminal Units		 .....	
23 37 13	Grilles and Diffusers		 .....	
23 37 23	Roof Mounted Gravity Ventilators		 .....	
23 41 00	Air Filters And Accessories		 .....	
23 51 16	Fabricated Breeching And Accessories		 .....	

Section	Title	Description	ZeroDocs Master 	Edited Master 
23 51 19	Fabricated Stacks		 .....	
23 51 23	Flue Gas Vents		 .....	
23 51 24	Diesel Engine Exhaust		 .....	
23 51 25	Tailpipe Exhaust Systems		 .....	
23 51 26	Commercial Kitchen Ecology Unit		 .....	
23 51 27	Commercial Kitchen Exhaust Fans		 .....	
23 51 28	Commercial Kitchen Exhaust Hoods		 .....	
23 51 33	Clothes Dryer Venting System		 .....	
23 51 34	Chimney Automation System		 .....	
23 51 35	Chimney Draft Control System		 .....	
23 51 36	Sawdust Collection System		 .....	
23 52 04	Wall Hung Condensing Hot Water Boilers		 .....	
23 52 05	Forced Draft Condensing Hot Water Boilers		 .....	
23 52 06	Coil Tube Hot Water Boilers		 .....	
23 52 07	Coil Tube Steam Boilers		 .....	
23 52 08	Cast Iron Steam Boilers		 .....	
23 52 09	Cast Iron Hot Water Boilers		 .....	
23 52 10	Flexible Water Tube Hot Water Boilers		 .....	
23 52 11	Flexible Water Tube Steam Boilers		 .....	
23 52 14	Membrane Wall Water Tube Hot Water Boilers		 .....	
23 52 15	Membrane Wall Water Tube Steam Boilers		 .....	
23 52 16	Fire Tube Hot Water Boilers		 .....	
23 52 17	Fire Tube Steam Boilers		 .....	
23 52 18	Base Mount Condensing Hot Water Boilers		 .....	
23 52 20	Sectional Cast Iron Hot Water Boilers		 .....	
23 52 23	Modular Hot Water Boilers		 .....	
23 52 24	Atmospheric Hot Water Boilers		 .....	
23 52 28	Boiler Plant Control Panel		 .....	

Section	Title	Description	ZeroDocs Master 	Edited Master 
23 53 16	Boiler Deaerator Feed Water Heater		 .....	
23 53 83	Boiler Blow Down Tank and Control		 .....	
23 53 84	Vacuum Heating Pump Set		 .....	
23 54 16	Gas Fired Warm Air Furnace		 .....	
23 54 17	Gas Fired Condensing Warm Air Furnace		 .....	
23 55 13	Gas Fired Duct Furnace		 .....	
23 55 14	Oil Fired Warm Air Furnace		 .....	
23 55 23	Gas Fired Radiant Heaters		 .....	
23 55 33	Gas Fired Unit Heaters		 .....	
23 57 00	Heat Exchangers		 .....	
23 62 13	Air Cooled Condensers		 .....	
23 62 14	Air Cooled Condensing Unit		 .....	
23 62 15	Water Cooled Water Chiller		 .....	
23 62 16	Air Cooled Water Chiller		 .....	
23 62 17	Refrigerant Retrofit Water Chiller		 .....	
23 62 18	Water To Water Heat Pump		 .....	
23 62 19	Water To Air Heat Pump		 .....	
23 62 20	Ground SourceHeat Pumps		 .....	
23 65 13	Cooling Tower - Forced Draft		 .....	
23 65 16	Cooling Tower - Induced Draft		 .....	
23 65 17	Closed Circuit Air Cooled Fluid Cooler		 .....	
23 65 18	Induced Draft Evaporative Cooler		 .....	
23 74 13	Outdoor Heating and Air Conditioning Units		 .....	
23 74 15	Screens for Roof Mounted Units		 .....	
23 74 16	Indoor Modular Air Handling Units		 .....	
23 74 17	Roof Mounted Modular Air Handling Units		 .....	
23 74 23	Gas Fired Make-Up Air Units		.....	
23 75 00	Custom Made Air Handling Units		.....	

Section	Title	Description	ZeroDocs Master 	Edited Master 
23 81 23	Computer Room Air Conditioning Units		 .....	
23 81 26	Split System Air Conditioning Equipment		 .....	
23 82 00	Radiation Units		 .....	
23 82 14	Ceiling Induction Chilled Beams		 .....	
23 82 19	Fan Coil Units		 .....	
23 82 20	Unit Ventilators		 .....	
23 82 24	Solar Heating System Equipment		 .....	
23 82 37	Duct Mounted Hydronic Heating Coils		 .....	
23 82 39	Motorized Hydronic Heaters		 .....	
23 82 40	Gas Detection System		 .....	
23 83 05	Electric Convection Heaters		 .....	
23 83 06	Duct Mounted Electric Heating Coils		 .....	
23 83 13	Electric Heating Cable And Control		 .....	
23 83 33	Electric Radiant Heaters		 .....	
23 84 13	Electronic Steam Humidifiers		 .....	
23 84 14	Gas Fired Steam Injection Humidifiers		 .....	
23 84 15	Steam Injection Humidifier Manifold		 .....	
23 84 16	Dehumidifiers		 .....	

▼  25 Integrated Automation

Section	Title	Description	ZeroDocs Master 	Edited Master 
25 05 05	Automatic Control Systems		 .....	
25 05 10	Building Automation System		 .....	