

MASTERSPEC®

TABLE OF CONTENTS

MECHANICAL LIBRARY
Full Length Basic

MasterFormat 1995 Version

Issue Date	Sect. No.	SECTION TITLE	SECTION DESCRIPTION
------------	-----------	---------------	---------------------

Copyright 2010 The American Institute of Architects (AIA)
Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA

DIVISION 1 - GENERAL REQUIREMENTS

02/10	01100	SUMMARY	Summary of the Work, phased construction, purchase contracts, Owner-furnished products, access to site, and work restrictions.
02/10	01125	SUMMARY OF MULTIPLE CONTRACTS	Responsibilities of each contract for the Work, coordination, and temporary facilities and controls.
02/10	01210	ALLOWANCES	Provisions for cash allowances including lump-sum, unit cost, contingency, and testing and inspecting allowances.
02/10	01230	ALTERNATES	Provisions for change-of-scope and cost-comparison type alternates.
02/10	01250	CONTRACT MODIFICATION PROCEDURES	Procedural requirements for changes to the Contract.
02/10	01270	UNIT PRICES	Provisions for unit prices.
02/10	01290	PAYMENT PROCEDURES	Administrative requirements for Contractor's Applications for Payment.
02/10	01310	PROJECT MANAGEMENT AND COORDINATION	Administrative requirements for project meetings; preconstruction, preinstallation, and project closeout conferences; RFIs; and project Web sites.
02/10	01320	CONSTRUCTION PROGRESS DOCUMENTATION	Contractor's Construction Schedule including Gantt charts and CPM schedules; Contractor's reports.
02/10	01322	PHOTOGRAPHIC DOCUMENTATION	Construction photographs, video recordings, and web-based photographic documentation.
02/10	01330	SUBMITTAL PROCEDURES	Procedures for Action and Informational Submittals including Delegated-Design Submittals and Submittals Schedule.
02/10	01351	SPECIAL PROCEDURES FOR HISTORIC TREATMENT	General protection and treatment of historic spaces; historic removal and dismantling; and bird-excrement removal.
02/10	01361	SUSTAINABLE DESIGN REQUIREMENTS - LEED FOR NEW CONSTRUCTION AND MAJOR RENOVATIONS	General requirements and procedures for LEED for New Construction and Major Renovations.
02/10	01362	SUSTAINABLE DESIGN REQUIREMENTS - LEED FOR COMMERCIAL INTERIORS	General requirements and procedures for LEED for Commercial Interiors.
02/10	01363	SUSTAINABLE DESIGN REQUIREMENTS - LEED FOR CORE AND SHELL DEVELOPMENT	General requirements and procedures for LEED for Core and Shell Development.
02/10	01364	SUSTAINABLE DESIGN REQUIREMENTS - LEED FOR SCHOOLS	General requirements and procedures for LEED for Schools.
02/10	01400	QUALITY REQUIREMENTS	Quality-assurance and -control requirements, special tests and inspections, and Contractor's quality-control plan.
02/10	01420	REFERENCES	Common definitions and terms; and acronyms and trade names of associations, government agencies, and other entities referenced in MasterSpec.
02/10	01500	TEMPORARY FACILITIES AND CONTROLS	Temporary utilities and facilities for construction support, security, and protection.
02/10	01524	CONSTRUCTION WASTE MANAGEMENT	Salvaging, recycling, and disposing of non-hazardous demolition and construction waste.
02/10	01600	PRODUCT REQUIREMENTS	Administrative and procedural requirements for product, material, and equipment selection and handling; warranties; and comparable products.
02/10	01635	SUBSTITUTION PROCEDURES	Procedural requirements for requests for substitutions during construction.
02/10	01700	EXECUTION REQUIREMENTS	General requirements for product installation, cutting and patching, protection, field engineering, and progress cleaning.
02/10	01732	SELECTIVE DEMOLITION	Demolition and removal of selected portions of buildings and site elements.

N = NEW U = UPDATE R = REVISION

MASTERSPEC®

TABLE OF CONTENTS

MECHANICAL LIBRARY
Full Length Basic

MasterFormat 1995 Version

Issue Date	Sect. No.	SECTION TITLE	SECTION DESCRIPTION
------------	-----------	---------------	---------------------

Copyright 2010 The American Institute of Architects (AIA)
Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA

02/10	01770	CLOSEOUT PROCEDURES	Contract closeout including Substantial Completion and Final Completion procedures, warranties, and final cleaning.
02/10	01781	PROJECT RECORD DOCUMENTS	Record record Drawings, Specifications, and Product Data.
02/10	01782	OPERATION AND MAINTENANCE DATA	Emergency, operation, and maintenance manuals for products and equipment.
02/10	01810	GENERAL COMMISSIONING REQUIREMENTS	Administrative requirements and procedures for commissioning all systems.
03/10	01815	COMMISSIONING OF HVAC	Administrative requirements and procedures for commissioning HVAC systems.
02/10	01820	DEMONSTRATION AND TRAINING	Administrative and procedural requirements for instructing Owner's personnel in operation and maintenance.

DIVISION 2 - SITE CONSTRUCTION

03/10	02080	PIPED UTILITIES - BASIC MATERIALS AND METHODS	Basic piping materials and methods.
02/10	02221	BUILDING DEMOLITION	Complete structure removal.
02/10	02230	SITE CLEARING	Clearing, grubbing, vegetation protection, topsoil stripping, and disconnecting utilities.
02/10	02240	DEWATERING	Construction dewatering and groundwater controls.
02/10	02300	EARTHWORK	Excavating, filling and backfilling, compaction, and grading.
03/10	02510	WATER DISTRIBUTION	Utility service, domestic, and fire-protection water piping, specialties, and valves.
03/10	02515	FACILITY FIRE-SUPPRESSION WATER-SERVICE PIPING	Fire suppression piping and specialties outside the building.
03/10	02530	SANITARY SEWERAGE	Sanitary sewerage and underground structures outside the building.
03/10	02552	GROUND-LOOP, HEAT-PUMP PIPING	Horizontal and vertical, direct-buried, ground-loop piping.
03/10	02620	SUBDRAINAGE	Drainage for foundations, underslabs, plaza decks, retaining walls, and landscaped areas.
03/10	02630	STORM DRAINAGE	Gravity and forced storm piping, underground structures, and specialties.
02/10	02741	ASPHALT PAVING	Paving, overlays, and surface treatments.
02/10	02751	CEMENT CONCRETE PAVEMENT	Concrete paving for site construction applications.
02/10	02810	IRRIGATION SYSTEMS	Heads, pipes, and controls.
02/10	02821	CHAIN-LINK FENCES AND GATES	Standard chain-link fencing systems.

DIVISION 3 - CONCRETE

02/10	03300	CAST-IN-PLACE CONCRETE	General building and structural applications; concrete mixtures, formwork, reinforcing, finishing, and curing.
02/10	03301	MISCELLANEOUS CAST-IN-PLACE CONCRETE	Cast-in-place concrete for limited applications.

DIVISION 5 - METALS

02/10	05500	METAL FABRICATIONS	Metal items (not sheet metal) made from iron and steel shapes, stainless steel, and non-ferrous metals.
-------	-------	--------------------	---

DIVISION 6 - WOOD AND PLASTICS

02/10	06100	ROUGH CARPENTRY	Wood framing, furring, grounds, nailers, and blocking.
-------	-------	-----------------	--

DIVISION 7 - THERMAL AND MOISTURE PROTECTION

02/10	07620	SHEET METAL FLASHING AND TRIM	Custom-fabricated roof and wall flashings and roof-drainage systems, and manufactured through-wall flashing and reglets.
-------	-------	-------------------------------	--

N = NEW U = UPDATE R = REVISION

MASTERSPEC®

TABLE OF CONTENTS

MECHANICAL LIBRARY
Full Length Basic

MasterFormat 1995 Version

Issue Date	Sect. No.	SECTION TITLE	SECTION DESCRIPTION
------------	-----------	---------------	---------------------

Copyright 2010 The American Institute of Architects (AIA)

Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA

02/10	07720	ROOF ACCESSORIES	Roof curbs, equipment supports, roof hatches, heat and smoke vents, gravity ventilators, pipe supports, roof walkways and stairs, and preformed flashing sleeves.
02/10	07841	THROUGH-PENETRATION FIRESTOP SYSTEMS	Systems installed in fire-resistance-rated walls, horizontal assemblies, and smoke barriers.
02/10	07920	JOINT SEALANTS	Elastomeric, latex, solvent-release-curing, preformed, and acoustical sealants.

DIVISION 8 - DOORS AND WINDOWS

02/10	08311	ACCESS DOORS AND FRAMES	Wall, ceiling, and floor units.
-------	-------	-------------------------	---------------------------------

DIVISION 9 - FINISHES

02/10	09911	EXTERIOR PAINTING	Exterior painting.
02/10	09912	INTERIOR PAINTING	Interior painting.
02/10	09960	HIGH-PERFORMANCE COATINGS	Tile-like coatings for use on exterior and interior substrates.

DIVISION 10 - SPECIALTIES

02/10	10200	LOUVERS AND VENTS	Fixed and adjustable louvers; wall vents.
02/10	10522	FIRE EXTINGUISHER CABINETS	Fire-protection cabinets and security fire-protection cabinets.
02/10	10523	FIRE EXTINGUISHERS	Portable and wheeled fire extinguishers.

DIVISION 13 - SPECIAL CONSTRUCTION

03/10	13911	IDENTIFICATION FOR FIRE-SUPPRESSION PIPING AND EQUIPMENT	Labels, stencils, and tags.
03/10	13921	ELECTRIC-DRIVE, CENTRIFUGAL FIRE PUMPS	End-suction, in-line, and split-case fire pumps; accessories, specialties, and flowmeter systems.
03/10	13922	DIESEL-DRIVE, CENTRIFUGAL FIRE PUMPS	End-suction, in-line, and split-case fire pumps; accessories, specialties, and flowmeter systems.
03/10	13926	ELECTRIC-DRIVE, VERTICAL-TURBINE FIRE PUMPS	Fire pumps, accessories, specialties, and flowmeter systems.
03/10	13927	DIESEL-DRIVE, VERTICAL-TURBINE FIRE PUMPS	Fire pumps, accessories, specialties, and flowmeter systems.
03/10	13928	PRESSURE-MAINTENANCE PUMPS	Multistage, regenerative turbine, submersible, and vertical-turbine pumps; pump controllers.
03/10	13929	CONTROLLERS FOR FIRE-PUMP DRIVERS	Full- and limited-service, electric-driver controllers; and deisel-driver controllers
03/10	13930	WET-PIPE FIRE-SUPPRESSION SPRINKLERS	Piping, specialties, valves, and sprinklers for wet-pipe sprinkler systems.
03/10	13935	DRY-PIPE FIRE-SUPPRESSION SPRINKLERS	Piping, specialties, valves, and sprinklers for dry-pipe and preaction sprinkler systems.
03/10	13974	FIRE-SUPPRESSION STANDPIPES	Piping, specialties, valves, hose valves, and hose stations.

DIVISION 15 - MECHANICAL

03/10	15056	COMMON MOTOR REQUIREMENTS FOR FIRE SUPPRESSION EQUIPMENT	Universal default values for small and medium, ac motors.
03/10	15057	COMMON MOTOR REQUIREMENTS FOR PLUMBING EQUIPMENT	Universal default values for small and medium, ac motors.
03/10	15058	COMMON MOTOR REQUIREMENTS FOR HVAC EQUIPMENT	Universal default values for small and medium, ac motors.
03/10	15061	HANGERS AND SUPPORTS FOR PLUMBING PIPING AND EQUIPMENT	Single and multiple hangers, framing systems, and stands and supports.
03/10	15062	HANGERS AND SUPPORTS FOR HVAC PIPING AND EQUIPMENT	Single and multiple hangers, framing systems, and stands and supports.
03/10	15072	VIBRATION AND SEISMIC CONTROLS FOR FIRE-SUPPRESSION PIPING AND EQUIPMENT	Vibration isolation devices and seismic restraints.

N = NEW U = UPDATE R = REVISION

MASTERSPEC®

TABLE OF CONTENTS

MECHANICAL LIBRARY
Full Length Basic

MasterFormat 1995 Version

Issue Date	Sect. No.	SECTION TITLE	SECTION DESCRIPTION
------------	-----------	---------------	---------------------

Copyright 2010 The American Institute of Architects (AIA)

Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA

03/10	15073	VIBRATION AND SEISMIC CONTROLS FOR PLUMBING PIPING AND EQUIPMENT	Vibration isolation devices and seismic restraints.
03/10	15074	VIBRATION AND SEISMIC CONTROLS FOR HVAC PIPING AND EQUIPMENT	Vibration isolation devices and seismic restraints.
03/10	15076	IDENTIFICATION FOR PLUMBING PIPING AND EQUIPMENT	Labels, stencils, and tags.
03/10	15077	IDENTIFICATION FOR HVAC PIPING AND EQUIPMENT	Labels, stencils, and tags.
03/10	15081	FIRE-SUPPRESSION SYSTEMS INSULATION	Equipment and pipe insulation.
03/10	15084	PLUMBING EQUIPMENT INSULATION	Insulation materials, jackets, and installation accessories for plumbing equipment.
03/10	15085	PLUMBING PIPING INSULATION	Insulation materials, jackets, and installation accessories for plumbing piping.
03/10	15086	DUCT INSULATION	Insulation materials, jackets, and installation accessories for HVAC ducts.
03/10	15087	HVAC EQUIPMENT INSULATION	Insulation materials, jackets, and installation accessories for HVAC equipment.
03/10	15088	HVAC PIPING INSULATION	Insulation materials, jackets, and installation accessories for HVAC piping.
03/10	15091	SLEEVES AND SLEEVE SEALS FOR FIRE-SUPPRESSION PIPING	Sleeves and sleeve seals for piping at floor and wall penetrations.
03/10	15092	SLEEVES AND SLEEVE SEALS FOR PLUMBING PIPING	Sleeves and sleeve seals for piping at floor and wall penetrations.
03/10	15093	SLEEVES AND SLEEVE SEALS FOR HVAC PIPING	Sleeves and sleeve seals for piping at floor and wall penetrations.
03/10	15096	ESCUTCHEONS FOR FIRE-SUPPRESSION PIPING	Escutcheons and floor plates for piping at ceiling, floor, and wall penetrations.
03/10	15097	ESCUTCHEONS FOR PLUMBING PIPING	Escutcheons and floor plates for piping at ceiling, floor, and wall penetrations.
03/10	15098	ESCUTCHEONS FOR HVAC PIPING	Escutcheons and floor plates for piping at ceiling, floor, and wall penetrations.
03/10	15111	GENERAL-DUTY VALVES FOR PLUMBING PIPING	Gate, globe, check, butterfly, & ball valves common to multiple systems.
03/10	15112	GENERAL-DUTY VALVES FOR HVAC PIPING	Gate, globe, check, butterfly, & ball valves common to multiple systems.
03/10	15123	EXPANSION FITTINGS AND LOOPS FOR PLUMBING PIPING	Expansion joints and loops.
03/10	15124	EXPANSION FITTINGS AND LOOPS FOR HVAC PIPING	Expansion joints and loops.
03/10	15126	METERS AND GAGES FOR PLUMBING PIPING	Temperature, pressure, and flow.
03/10	15127	METERS AND GAGES FOR HVAC PIPING	Temperature, pressure, and flow.
03/10	15140	DOMESTIC WATER PIPING	Potable-water distribution within the building.
03/10	15145	DOMESTIC WATER PIPING SPECIALTIES	Specialties, valves, and fittings for domestic water piping.
03/10	15150	SANITARY WASTE AND VENT PIPING	Soil, waste, and vent piping within the building.
03/10	15155	SANITARY WASTE PIPING SPECIALTIES	Floor, trench, and channel drains; interceptors; and piping specialties.
03/10	15160	STORM DRAINAGE PIPING	Stormwater piping within the building.
03/10	15165	STORM DRAINAGE PIPING SPECIALTIES	Roof drains, cleanouts, trench drains, channel drains, and piping specialties.
03/10	15181	HYDRONIC PIPING	Hot-, chilled-, and condenser-water piping.
03/10	15182	STEAM AND CONDENSATE PIPING	LP and HP piping and specialties.
03/10	15183	REFRIGERANT PIPING	Piping, specialties, and refrigerant.
03/10	15185	HYDRONIC PUMPS	Base mounted and in-line; close coupled and separately coupled.

N = NEW U = UPDATE R = REVISION

MASTERSPEC®

TABLE OF CONTENTS

MECHANICAL LIBRARY
Full Length Basic

MasterFormat 1995 Version

Issue Date	Sect. No.	SECTION TITLE	SECTION DESCRIPTION
------------	-----------	---------------	---------------------

Copyright 2010 The American Institute of Architects (AIA)

Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA

03/10	15186	STEAM CONDENSATE PUMPS	Electric driven and pressure powered; single and duplex pumps with receivers.
03/10	15189	HVAC WATER TREATMENT	Steam boiler feedwater and hot-, chilled-, and condenser-water treatment.
03/10	15192	FACILITY FUEL-OIL PIPING	Transfer and storage equipment and piping.
03/10	15195	FACILITY NATURAL-GAS PIPING	Natural gas piping and specialties.
03/10	15196	FACILITY LIQUEFIED-PETROLEUM GAS PIPING	LP gas piping, specialties, and storage equipment.
03/10	15211	GENERAL-SERVICE COMPRESSED-AIR PIPING	Nonmedical piping, equipment, and accessories.
03/10	15251	GENERAL-SERVICE PACKAGED AIR COMPRESSORS AND RECEIVERS	Nonmedical air compressors, filters, and dryers.
03/10	15411	MEDICAL PLUMBING FIXTURES	Plumbing fixtures for healthcare facilities.
03/10	15412	EMERGENCY PLUMBING FIXTURES	Individual and combination emergency eyewash and shower units.
03/10	15414	RESIDENTIAL PLUMBING FIXTURES	Residential water closets, lavatories, sinks, bathtubs, and shower receptors and basins.
03/10	15416	COMMERCIAL WATER CLOSETS	Commercial water closets, supports, flushometer valves, and supplies.
03/10	15417	COMMERCIAL URINALS	Commercial urinals, supports, and flushometer valves.
03/10	15421	COMMERCIAL LAVATORIES	Commercial lavatories, supports, faucets, traps, and supplies.
03/10	15422	COMMERCIAL SINKS	Commercial sinks, supports, faucets, traps, and supplies.
03/10	15423	COMMERCIAL SHOWERS, RECEPTORS, AND BASINS	Shower receptors, basins, enclosures, faucets, and heads.
03/10	15424	WASH FOUNTAINS	Stone, metal, and plastic wash fountains.
03/10	15426	DRINKING FOUNTAINS	Pedestal, antifreeze pedestal, wheelchair accessible, wall mounted.
03/10	15427	PRESSURE WATER COOLERS	Freestanding, wall mounted, and wheelchair accessible.
03/10	15428	REMOTE WATER COOLERS	Remote water chillers.
03/10	15441	DOMESTIC WATER PUMPS	In-line separately coupled, close-coupled, centrifugal pumps.
03/10	15445	SEWAGE PUMPS	Effluent pumps; automatic, packaged; basins and covers.
03/10	15446	SUMP PUMPS	Submersible, wet-pit volute, and package drainage-pump units; basins and covers.
03/10	15450	POTABLE-WATER STORAGE TANKS	Water storage; compression and diaphragm.
03/10	15469	WATER SOFTENERS	Domestic and general use, not treatment.
03/10	15471	WATER FILTRATION EQUIPMENT	Separators; and bag, cartridge, carbon, sand, and greensand filters.
03/10	15485	ELECTRIC WATER HEATERS	Household and commercial; tankless, instantaneous, and storage types.
03/10	15486	FUEL-FIRED WATER HEATERS	Household and commercial; gas and oil fired; instantaneous and storage types.
03/10	15512	CAST-IRON BOILERS	HW and steam; gas and oil fired.
03/10	15513	CONDENSING BOILERS	Packaged condensing boilers for small applications.
03/10	15515	WATER-TUBE BOILERS	HW and steam; gas and oil fired.
03/10	15518	FIRE-TUBE BOILERS	HW and steam; gas and oil fired.
03/10	15519	ELECTRIC BOILERS	HW and steam; HP and LP.
03/10	15520	FEEDWATER EQUIPMENT	Condensate and vacuum pumps and receivers.
03/10	15530	FURNACES	Gas-, electric-, and oil-fired furnaces.
03/10	15541	GAS-FIRED DUCT HEATERS	Gas- and oil-fired units.
03/10	15542	GAS-FIRED RADIANT HEATERS	Natural and LP gas units.

N = NEW U = UPDATE R = REVISION

MASTERSPEC®

TABLE OF CONTENTS

MECHANICAL LIBRARY
Full Length Basic

MasterFormat 1995 Version

Issue Date	Sect. No.	SECTION TITLE	SECTION DESCRIPTION
			Copyright 2010 The American Institute of Architects (AIA) Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA
03/10	15543	FUEL-FIRED UNIT HEATERS	Gas- and oil-fired units.
03/10	15550	BREECHINGS, CHIMNEYS, AND STACKS	Double-wall and refractory-lined breechings and stacks; fabricated breechings.
03/10	15555	DRAFT CONTROL DEVICES	Induced-draft fans and barometric dampers.
03/10	15561	DIRECT-FIRED H&V UNITS	Gas-fired indoor and outdoor units.
03/10	15562	INDIRECT-FIRED H&V UNITS	Gas- and oil-fired indoor and outdoor units.
03/10	15621	INDIRECT-FIRED ABSORPTION WATER CHILLERS	Steam and hot-water generated; one and two stage.
03/10	15622	DIRECT-FIRED ABSORPTION WATER CHILLERS	Natural-gas, propane, and oil fired; water cooled; two stages; and a brush-cleaning system.
03/10	15625	CENTRIFUGAL WATER CHILLERS	Hermetic and open; direct and gear drives; water and air cooled.
03/10	15626	ROTARY-SCREW WATER CHILLERS	Water-cooled, single- and multiple-compressor units; air-cooled indoor and outdoor units.
03/10	15627	RECIPROCATING WATER CHILLERS	Water and air cooled.
03/10	15629	SCROLL WATER CHILLERS	Water and air cooled.
03/10	15635	REFRIGERANT DETECTION AND ALARM	Monitors, alarms, breathing apparatus, and ventilation equipment interlocks.
03/10	15640	COOLING TOWERS	Factory-assembled, open- and closed-circuit, induced- and forced-draft, cross- and counter-flow towers.
03/10	15663	EVAPORATIVE CONDENSERS	Induced- and forced-draft evaporative refrigerant condensers.
03/10	15671	PACKAGED COMPRESSOR AND CONDENSER UNITS	Air and water cooled.
03/10	15672	AIR-COOLED REFRIGERANT CONDENSERS	Remote forced-air, condenser, and fan units.
03/10	15710	HYDRONIC AND STEAM HEAT EXCHANGERS	Steam to water and water to water; shell-and-tube and flat-plate types.
03/10	15725	MODULAR INDOOR CENTRAL-STATION AIR-HANDLING UNITS	Units consisting of fans, coils, dampers, filters, control devices, and accessories.
03/10	15731	PACKAGED TERMINAL AIR CONDITIONERS	Freestanding or through-the-wall; cooling only; heat pump; cooling plus hot-water heating, electric heating, and gas-fired heating.
03/10	15732	PACKAGED, OUTDOOR, CENTRAL-STATION AIR-HANDLING UNITS	Packaged, rooftop HVAC.
03/10	15733	DEDICATED OUTDOOR-AIR UNITS	Units capable of 100 percent outdoor air with heating and cooling.
03/10	15734	COMPUTER-ROOM AIR-CONDITIONERS	Floor- and ceiling-mounted console; water and air cooled; electric, hot-water, and steam heat.
03/10	15735	SELF-CONTAINED AIR-CONDITIONERS	Packaged cooling, heating, filters, and controls; cabinet suitable for exposed installations.
03/10	15738	SPLIT-SYSTEM AIR-CONDITIONING UNITS	Air-distribution equipment separate from refrigeration equipment; cabinet suitable for exposed installations.
03/10	15745	WATER-SOURCE HEAT PUMPS	Concealed horizontal and vertical units; vertical-stack, rooftop, exposed-console units; and unit ventilators.
03/10	15761	AIR COILS	Water, steam, refrigerant, and electric heat-transfer coils.
03/10	15762	UNIT HEATERS	Cabinet and propeller unit heaters, and wall and ceiling heaters.
03/10	15763	FAN-COIL UNITS	Hot water, steam, and electric heating; chilled or DX cooling.
03/10	15764	CONVECTION HEATING UNITS	Hot water, steam, and electric baseboard and finned-tube radiators and convectors.
03/10	15768	UNIT VENTILATORS	Hot water, steam, and electric heating; chilled or DX cooling.
03/10	15769	RADIANT HEATING AND COOLING UNITS	Electric and hot water radiant heaters and heating and cooling panels.

N = NEW U = UPDATE R = REVISION

MASTERSPEC®

TABLE OF CONTENTS

MECHANICAL LIBRARY
Full Length Basic

MasterFormat 1995 Version

Issue Date	Sect. No.	SECTION TITLE	SECTION DESCRIPTION
------------	-----------	---------------	---------------------

Copyright 2010 The American Institute of Architects (AIA)

Exclusively published and distributed by Architectural Computer Services, Inc. (ARCOM) for the AIA

	03/10	15772	RADIANT HEATING PIPING	Embedded pipe and fittings.
U	03/10	15774	RADIANT-HEATING ELECTRIC CABLES	Electric cables for ceilings and floors, snow and ice melting, and freezer-floor frost prevention.
U	03/10	15776	RADIANT-HEATING ELECTRIC PANELS	Factory-fabricated panels.
U	03/10	15777	HEAT TRACING FOR FIRE-SUPPRESSION PIPING	Electric cables for freeze protection.
U	03/10	15778	HEAT TRACING FOR PLUMBING PIPING	Electric cables for freeze protection, snow and ice melting, and temperature maintenance.
U	03/10	15779	HEAT TRACING FOR HVAC PIPING	Electric cables for freeze protection.
	03/10	15815	METAL DUCTS	Rectangular and round, single- and double-wall ducts, including hangers and supports.
	03/10	15816	NONMETAL DUCTS	Fibrous-glass, PVC, and FRP ducts, hangers, and supports.
	03/10	15817	HVAC CASINGS	Factory and field fabricated; single and double wall.
	03/10	15820	DUCT ACCESSORIES	Volume dampers, fire and smoke dampers, vanes, duct silencers, and hardware.
	03/10	15834	AIR CURTAINS	Fans over entrances with and without heating.
	03/10	15836	AXIAL FANS	Tubeaxial and vaneaxial fans.
	03/10	15837	CENTRIFUGAL FANS	BI & FC indoor type; tubular and in-line units.
	03/10	15838	POWER VENTILATORS	Roof, wall, and ceiling-mounting ventilators.
	03/10	15840	AIR TERMINAL UNITS	Single-duct, dual-duct, fan-powered, induction, and diffuser types.
	03/10	15855	DIFFUSERS, REGISTERS, AND GRILLES	Round, rectangular, perforated, and linear diffusers; fixed and adjustable registers and grilles.
	03/10	15856	INTAKE AND RELIEF VENTILATORS	Unpowered ventilators and louver penthouses.
	03/10	15861	PARTICULATE AIR FILTRATION	Disposable, extended surface, and roll types.
	03/10	15862	GAS-PHASE AIR FILTRATION	Gas adsorbent and rechargeable media, trays and housings, frames, and filter gages.
	03/10	15863	ELECTRONIC AIR CLEANERS	Electronic air cleaners, access housings, service frames, and filter gages.
	03/10	15870	COMMERCIAL KITCHEN HOODS	Type I and Type II, Standard and Listed hoods.
	03/10	15900	HVAC INSTRUMENTATION AND CONTROLS	Electric, electronic, pneumatic, and DDC equipment and devices.
	03/10	15940	SEQUENCE OF OPERATION	Control sequences for HVAC systems.
	03/10	15950	TESTING, ADJUSTING, AND BALANCING	Air distribution and hydronic systems.

N = NEW U = UPDATE R = REVISION