




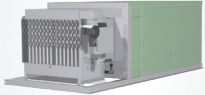


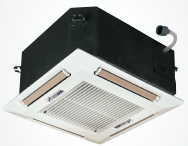
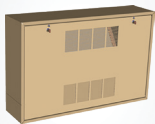



Applied HVAC Products

HEATING | VENTILATING | COOLING | MAKE-UP AIR



Table of Contents



	Gas-Fired, Gravity and Power-Vented Duct Furnaces	4		Indoor Gas-Fired Heating, Cooling, Ventilating, and Make-Up Air Units	6
	Outdoor Gas-Fired Heating, Cooling, Ventilating, and Make-Up Air Units	8		Direct Gas-Fired Indoor & Outdoor Heating and Make-Up Air Units	10
	Ductless Ceiling Cassettes	14		Steam/Hot Water Cabinet Unit Heaters	16
	Steam/Hot Water Commercial Fin Tube Radiation	18		Steam/Hot Water Convectors	20
	Valedictorian® Unit Ventilator	22			

Gas-Fired, Gravity and Power-Vented Duct Furnaces

DESIGNED FOR HEATING AND/OR MAKE-UP AIR • LOW INITIAL COST • LOW MAINTENANCE • EASY TO SERVICE

Modine duct furnaces are an economical choice for superior quality and dependability in most applications. Offering three types of indoor indirect gas-fired duct furnaces that cover a wide range of applications in building heating and make-up air systems.

- Available in 11 model sizes from 75,000 to 400,000 Btu/hr
- All models feature 81% minimal thermal efficiency for fuel savings
- Aluminized steel heat exchanger (409 stainless steel optional)
- Natural or propane gas (select indoor units field convertible from natural to propane gas)
- Certified for upstream or downstream placement from cooling coils; Indoor units include a drain pan that allows connection to a condensate drain line, outdoor units drain to the roof
- Certified to 3.0" W.C. external static pressure for high static applications
- Wide range of controls, options, and accessories for unit customization

PERFORMANCE DATA ① ② ③

Model Size	Btu/hr Input	Btu/hr Output	Low Air Temp Rise Range without Air Baffle		High Air Temp Rise Range with Air Baffle	
			Temp Rise Range (°F)	Airflow (CFM)	Temp Rise Range (°F)	Airflow (CFM)
75	75,000	60,750	20 - 60	938 - 2,813	20 - 100	563 - 2,813
100	100,000	81,000	20 - 60	1,250 - 3,750	20 - 100	750 - 3,750
125	125,000	101,250	20 - 60	1,563 - 4,688	20 - 100	938 - 4,688
150	150,000	121,500	20 - 60	1,875 - 5,625	20 - 100	1,125 - 5,625
175	175,000	141,750	20 - 60	2,188 - 6,563	20 - 100	1,313 - 6,563
200	200,000	162,000	20 - 60	2,500 - 7,500	20 - 100	1,500 - 7,500
225	225,000	182,250	20 - 60	2,813 - 8,438	20 - 100	1,688 - 8,438
250	250,000	202,500	20 - 60	3,125 - 9,375	20 - 100	1,875 - 9,375
300	300,000	243,000	20 - 60	3,750 - 11,250	20 - 100	2,250 - 11,111
350	350,000	283,500	20 - 60	4,375 - 13,125	23 - 100	2,625 - 11,111
400	400,000	324,000	20 - 60	5,000 - 15,000	27 - 100	3,000 - 11,111

① Ratings are shown for elevations up to 2,000 feet.

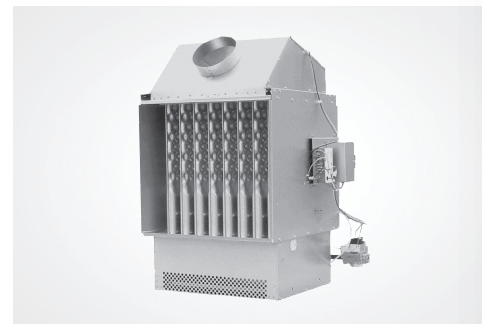
② For DFG or DFP models in high CFM applications, the air distribution baffle may be removed to reduce the pressure drop through the duct furnace. DFS and HFP units are ordered specifically designed for either low or high air temperature rise.

③ DFP, DFS, and HFP are approved for use in California by CEC.

Do Not Locate ANY Gas-Fired Unit in Areas with Chlorinated, Halogenated or Acidic Vapors in Atmosphere.

MODEL DFG Indoor Gravity Vented

- Relies on a natural draft to vent properly
- Note: Power vented units should be considered if the vent system is horizontal or if the space the unit is located is generally under a negative pressure



MODEL DFP Indoor Power Vented

Similar to Model DFG, with the addition of an integral power exhaust fan for:

- Vertical or horizontal venting with the smallest diameter vent pipe possible
- The ability to overcome reasonable negative pressures seen in buildings with inadequate make-up air
- Reduction of off-cycle vent losses improves building efficiency



MODEL DFS Indoor Separated Combustion

- Specifically designed for hostile environments, such as dirty or high-humidity applications
- Separate electrical and gas control access with fully gasketed doors to seal components from the environment
- Combustion air is drawn from outside to ensure the unit has plenty of fresh, clean air
- Off-cycle vent losses are essentially eliminated, further improving building efficiency
- Horizontal or vertical two-pipe or concentric venting options



MODEL HFG Outdoor Power Vented

- For outdoor installations only
- Integral power exhaust fan maintains a low cabinet profile with excellent resistance to outdoor wind disturbance
- 18 gauge aluminized steel exterior cabinet with baked-on polyester powder paint finish



Indoor Gas-Fired Heating, Cooling, Ventilating, and Make-Up Air Units

LOW-COST INSTALLATION • DESIGNED FOR EASY SERVICEABILITY • NATURAL OR PROPANE GAS

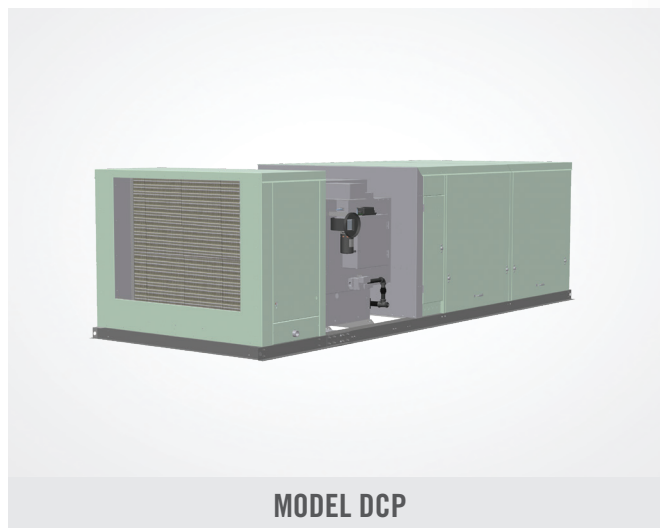
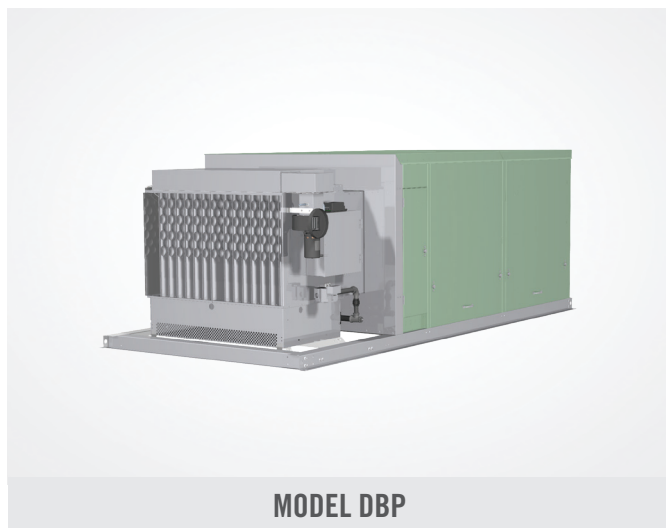
The Modine indoor duct furnace with blower and/or cooling sections was designed for use with a building's heating, heating/ventilating/cooling and make-up air systems. The separated combustion units are specifically designed for buildings with hostile atmospheric conditions, such as high humidity or negative pressures.

- Available in 17 model sizes from 75,000 to 1,200,000 Btu/hr
- Airflow range 556 to 14,500 CFM
- Large selection of blower fan/drive and motor combinations available
- Variable frequency drive for variable air volume applications
- 18 gauge insulated aluminized steel blower cabinet with a baked-on polyester powder paint finish on exterior casing parts
- Blower performance up to 3.0" W.C.

OPTIONAL FEATURES:

- Cooling coil section with factory installed DX or chilled water cooling coil
- Double wall construction for blower and/or cooling cabinet
- Dead-front disconnect switches
- Two position, modulating, building pressure sensing, three position, building management (0 - 10 Vdc or 4 - 20 mA input) damper actuators
- Variable frequency drive for variable air volume applications
- Right- or left-hand control access





PERFORMANCE DATA ① ②

Model	Model Size	Btu/hr Input	Btu/hr Output	Temperature Rise Range (°F)	CFM Range	Total Static Pressure (Inches W.C.)
DBP/DCP, DBS/DCS	75	75,000	60,750	20 - 100	563 - 2,813	0 - 3.0
	100	100,000	81,000	20 - 100	750 - 3,750	
	125	125,000	101,250	20 - 100	938 - 4,688	
	150	150,000	121,500	20 - 100	1,125 - 5,625	
	175	175,000	141,750	23 - 100	1,313 - 6,563	
	200	200,000	162,000	23 - 100	1,500 - 7,500	
	225	225,000	182,250	26 - 100	1,688 - 8,438	
	250	250,000	202,500	20 - 100	1,875 - 9,375	
	300	300,000	243,000	20 - 100	2,250 - 11,250	
	350	350,000	283,500	22 - 100	2,625 - 13,125	
	400	400,000	324,000	25 - 100	3,000 - 15,000	
DBP, DBS	500	500,000	405,000	40 - 120	3,125 - 9,375	
	600	600,000	486,000	40 - 120	3,750 - 11,250	
	700	700,000	567,000	40 - 120	4,375 - 13,000	
	800	800,000	648,000	41 - 120	5,000 - 14,500	
	840	1,050,000	850,500	60 - 120	6,563 - 13,000	
	960	1,200,000	972,000	63 - 120	7,500 - 14,500	

① Ratings are shown for elevations up to 2000 feet.

② Power vented and separated combustion units approved for use in California by CEC.

Outdoor Gas-Fired Heating, Cooling, Ventilating, and Make-Up Air Units



WEATHERPROOF • NATURAL OR PROPANE GAS

Designed for use with a building's heating, heating/venting/cooling and make-up air systems, the Modine WeatherHawk® weatherproof duct furnace features a blower, cooling and/or downturn plenum sections to deliver superior performance.

- Available in 17 power vented model sizes from 75,000 to 1,200,000 Btu/hr
- Airflow range 563 to 14,500 CFM
- 18 gauge insulated aluminized steel cabinet with a baked-on polyester powder paint finish on exterior casing parts
- Blower performance up to 3.0" W.C. external static pressure
- Blower and motor vibration isolation
- Side or bottom (through a roof curb) gas and electrical connection access

OPTIONAL FACTORY-INSTALLED FEATURES:

- Cooling coil section with factory installed DX or chilled water cooling coil
- Double wall construction for blower, cooling cabinet, and/or downturn plenum sections
- Dead-front disconnect switches
- Two position, modulating, building pressure sensing, three position, building management (0 - 10 Vdc or 4 - 20 mA input) damper actuators
- Variable frequency drive for variable air volume applications
- Right- or left-hand control access



MODEL HBP



MODEL HDP

PERFORMANCE DATA ① ②

Model	Model Size	Btu/hr Input	Btu/hr Output	Temperature Rise Range (°F)	CFM Range	Total Static Pressure (Inches W.C.)
DBP/DCP, DBS/DCS, HBP/HCP, HDP/HPP	75	75,000	60,750	20 - 100	563 - 2,813	0 - 3.0
	100	100,000	81,000	20 - 100	750 - 3,750	
	125	125,000	101,250	20 - 100	938 - 4,688	
	150	150,000	121,500	20 - 100	1,125 - 5,625	
	175	175,000	141,750	23 - 100	1,313 - 6,563	
	200	200,000	162,000	23 - 100	1,500 - 7,500	
	225	225,000	182,250	26 - 100	1,688 - 8,438	
	250	250,000	202,500	20 - 100	1,875 - 9,375	
	300	300,000	243,000	20 - 100	2,250 - 11,250	
	350	350,000	283,500	22 - 100	2,625 - 13,125	
	400	400,000	324,000	25 - 100	3,000 - 15,000	
DBP, DBS, HBP/HDP	500	500,000	405,000	40 - 120	3,125 - 9,375	0 - 3.0
	600	600,000	486,000	40 - 120	3,750 - 11,250	
	700	700,000	567,000	40 - 120	4,375 - 13,000	
	800	800,000	648,000	41 - 120	5,000 - 14,500	
	840	1,050,000	850,500	60 - 120	6,563 - 13,000	
	960	1,200,000	972,000	63 - 120	7,500 - 14,500	

① Ratings are shown for elevations up to 2,000 feet.
② Units approved for use in California by CEC.

COOLING COIL AND EVAPORATIVE COOLING PERFORMANCE DATA

Model Size	Cooling Coil			Evaporative Cooling		
	Max. CFM	Max. Cooling Tons		Max. CFM	Btu/hr	
		DX Coil	Chilled Water Coil		Min.	Max.
75	1,891	9.38	10.56	2,750	9,968	52,272
100/125	2,206	11.43	12.62	4,000	13,125	54,432
150/175	2,521	13.42	14.77	5,200	19,198	70,762
200/225	3,352	18.12	19.28	6,000	24,952	81,648
250/300	3,724	20.24	21.33	10,400	37,916	141,523
350/400	5,214	27.26	29.25	11,050	44,247	150,368

① 1 Ton = 12,000 Btu/Hr
② Based on 95°F entering dry bulb, 75°F entering wet bulb

Direct Gas-Fired Indoor & Outdoor Heating and Make-Up Air Units

DESIGNED FOR INDOOR OR OUTDOOR MOUNTING • QUIET OPERATION • ETL CERTIFIED

The MCV/MVV direct fired make-up air units are designed to provide value through best-in-class features to simplify installation and reduce maintenance cost. The make-up air is heated directly, eliminating the need for a heat exchanger. Ideal for applications that require 100% outside air and provide the best fuel efficiency (100% thermal, 92% sensible).

- Up to 2,100,000 Btu/hr
- Airflow range 800 up to 14,000 CFM
- Factory assembled natural or propane gas manifolds
- Standard neoprene vibration isolated blower and motor for quiet operation
- Auto-Velocity™ profile system constantly and automatically adjusts a burner profile bypass damper to maintain proper burner air velocity for optimal combustion
- Prewired 10-foot power and control wiring harnesses provided in flexible conduit simplifies electrical connections
- Floor chase for wire routing to the space without having to drill holes in the unit floor
- Low-maintenance aluminum cast burner with stainless-steel mixing plates and 30:1 turndown capability
- Direct spark ignition up to 1,125 MBH, interrupted pilot ignition 1,200 MBH and larger
- MCV features a constant speed fan
- MVV features a variable speed fan*

* Provides reduction from rated speed down to 35%



MODEL MCV/MVV



PERFORMANCE DATA ① ②

Casing Size (Digit 1)	Blower Size (Digits 2,3)	Airflow Range (CFM)		Max Air Temp Rise (°F)		Maximum MBH		Max Supply Air Temp (°F)
		Min.	Max.	Natural Gas	Propane Gas	Natural Gas	Propane Gas	
1	08	800	2,200	130	95	239	185	120
2	10	1,400	2,400	130	95	346	270	120
	12	2,401	3,500	130	95	375	375	120
3	15	3,200	8,000	130	95	938	907	120
4	18	3,700	9,500	130	95	1,428	1,077	120
5	20	5,500	14,000	130	95	2,100	1,587	120

① CFM, Btu/Hr capacities & Temperature Rise vary depending on unit configuration and certification.

OPTIONAL FACTORY-INSTALLED FEATURES:

- Galvanized interior double wall liners for easy cleaning
- Side access filter options to ensure delivery of clean air
- LonWorks or BACnet MS/TP compatible controls for maximum centralized unit control
- Hinged access doors for easy service access
- Inlet and/or burner pressure gauges to quickly identify pressure without a manometer



Direct Gas-Fired Indoor & Outdoor Heating and Make-Up Air Units

100% MAKE-UP AIR AND RECIRCULATING CONFIGURATIONS • DESIGNED FOR INDOOR AND OUTDOOR MOUNTING MAXIMUM ACCESS FOR EASY ADJUSTMENTS • ETL CERTIFIED

The MDB/MRB direct fired make-up air units are designed to provide an economical and efficient means of supplying tempered make-up air to a space or building.

- Up to 7,425,000 Btu/hr
- Airflow range from 1,600 to 60,000
- Factory assembled natural or propane gas manifolds
- 100% thermal efficiency (92% sensible) results in lower fuel bills
- Factory-wired electrical panel with numbered terminals significantly reduces start-up delays
- 100% factory flame-testing eliminates field start-up problems caused by defective controls
- Weatherproof roof with drip ledge provides protection from water being drawn into the unit
- 18-gauge galvanized steel casing provides high corrosion protection for long life
- Adjustable motor sheaves through 10 HP simplify air balancing
- Four access doors provide maximum access for easy adjustments
- High firing rate turndown for optimum temperature control
- Model MDB single speed and variable frequency drive
- Model MRB fresh and return air

OPTIONAL FACTORY-INSTALLED FEATURES:

- V-bank filter section
- Inlet hood
- Inlet damper
- Discharge damper
- Evaporative cooling
- IRI and FM manifold arrangements
- Discharge air temperature control, space temperature control, or building management (0-10 Vdc or 4-20 mA input) control
- High and low gas pressure switches
- Internal blower and motor vibration isolation
- Painted casing



MODEL MDB/MRB



MODEL MDB/MRB

PERFORMANCE DATA ① ②

Model No.	CFM Range SCFM ①	Maximum Output (Btu/hr) ①	Natural Gas Maximum Temperature Rise (°F) ②	Total Static Pressure Range (" W.C.)	Horsepower Range
MDB/MRB110	1,600 - 3,300	432,400	115	0 - 2.8"	3/4 - 3
MDB/MRB112	2,000 - 4,700	615,800	115	0 - 3.0"	3/4 - 5
MDB/MRB115	3,000 - 6,500	851,700	115	0 - 2.6"	1 - 5
MDB/MRB118	3,500 - 10,000	1,310,300	115	0 - 3.0"	1 1/2 - 10
MDB/MRB120	6,000 - 13,500	1,769,000	115	0 - 3.0"	2 - 15
MDB/MRB122	8,000 - 16,500	2,162,100	115	0 - 3.0"	3 - 20
MDB124 ②	10,000 - 21,500	2,200,000	115	0 - 3.0"	3 - 20
MDB/MRB125	10,000 - 21,500	2,817,300	115	0 - 3.0"	3 - 20
MDB/MRB130	14,000 - 30,000	3,931,100	115	0 - 2.7"	5 - 25
MDB/MRB220	18,000 - 27,000	3,538,000	115	0 - 3.0"	7 1/2 - 25
MDB/MRB222	25,000 - 33,000	4,324,200	115	0 - 3.0"	15 - 30
MDB/MRB225	30,000 - 46,000	6,027,700	115	0 - 3.0"	15 - 40
MDB/MRB230	44,000 - 60,000	7,425,000	115	0 - 2.7"	20 - 50

① CFM, Btu/Hr capacities & Temperature Rise vary depending on unit configuration and certification. The Maximum Temperature Rise for propane gas is 100°F.
 ② Model Size 124 is available only as Model MDB for 100% outside air applications.

For complete technical information and specifications reference catalog 7-150

Model MDB units are ETL Certified for use in the U.S. and Canada.

Model MRB units are ETL Certified for use in the U.S. only.

Ductless Ceiling Cassettes

INDEPENDENTLY CONTROL ZONES • REDUCE NOISE LEVELS • MAXIMIZE EFFICIENCY

Designed to effectively create independently-controlled temperature zones, cassettes are ideal for classrooms, offices, laboratories, conference rooms or any environment where space is at a premium and low noise is essential. This versatility eliminates compromising architecture or design, and cost savings are often realized during building updates, as existing piping and/or wiring can frequently be reused.

AVAILABLE IN THREE MODELS – DX COOLING, HEAT PUMP AND CHILLED WATER COOLING:

- Thermostatic control operations to vary conditions for diverse requirements or activities
- Low blower speeds, rigid panel and cabinet construction, and sound-absorbent insulation reduces noise to a minimum

OPTIONAL FACTORY-INSTALLED FEATURES:

- Electric heat or water modules that provide heating
- Fresh air intakes that ventilate and recirculate room air
- Electro-mechanical or microprocessor based controls
 - Microprocessor controller includes an infrared transmitter that enables room conditions to be maintained at a user-defined set point
 - Carel® Microprocessor controls and network cards allow units to be connected to a building management system



MODEL SCW/SSD/SSH



CHILLED WATER COOLING MODELS

Model No.	Filter	Total Cooling (Btu/hr) ①	Hot Water Heat (Btu/hr) ②	Electric Heat (kW)	Dimensions - H x W x D (inches)		Weight (lbs)
					Chassis	Fascia	
SCW 08	STD.	7,800	17,100	1.5	10 11/16 x 22 1/2 x 22 1/2	2 5/8 x 25 3/16 x 25 3/16	45
	MERV 10	5,400	13,400				
SCW 12	STD.	11,200	N/A	1.5	10 11/16 x 22 1/2 x 22 1/2	2 5/8 x 25 3/16 x 25 3/16	45
	MERV 10	6,800	N/A				
SCW 18	STD.	18,200	27,300	3.0	9 1/2 x 32 5/16 x 32 3/8	2 5/8 x 37 x 37	82
	MERV 10	16,500	24,800				
SCW 20	STD.	18,600	27,900	3.0	9 1/2 x 32 5/16 x 32 3/8	2 5/8 x 37 x 37	82
	MERV 10	16,500	24,800				
SCW 33	STD.	31,100	41,200	5.0	11 1/2 x 44 7/16 x 32 3/8	2 5/8 x 49 3/16 x 37	118
	MERV 10	29,700	42,300				
SCW 36	STD.	34,300	45,200	5.0	11 1/2 x 44 7/16 x 32 3/8	2 5/8 x 49 3/16 x 37	118
	MERV 10	29,700	42,300				

① Nominal chilled water cooling capacity based on air 80/67°F Dry/Wet Bulb & 45°F inlet / 55°F outlet water temperature.
 ② Nominal hot water heating capacity based on air 70°F & 180°F inlet / 160°F outlet water temperatures.

DIRECT EXPANSION (DX) AIR CONDITIONING AND HEAT PUMP MODELS

Model No.	Total Cooling (Btu/hr) ①	Heat Pump (Btu/hr) ②	SEER	HSPF	Hot Water Heat (Btu/hr) ③	Electric Heat (kW)	Dimensions - H x W x D (inches)		Weight (lbs)
							Chassis	Fascia	
SSD/SSH 18	19,200	16,400	14	7.7	38,746	3.0	11 5/8 x 32 5/16 x 32 3/8	2 5/8 x 37 x 37	84
SSD/SSH 24	23,000	21,400	14	7.7	41,993	3.0	11 5/8 x 32 5/16 x 32 3/8	2 5/8 x 37 x 37	84
SSD/SSH 30	31,400	27,400	14	7.7	56,603	5.0	11 1/2 x 44 7/16 x 32 3/8	2 5/8 x 49 3/16 x 37	118
SSD/SSH 36	38,200	32,400	14	7.7	59,600	5.0	11 1/2 x 44 7/16 x 32 3/8	2 5/8 x 49 3/16 x 37	118
SSD/SSH 42	42,500	37,200	14	7.7	64,268	5.0	11 1/2 x 44 7/16 x 32 3/8	2 5/8 x 49 3/16 x 37	118

① Cooling capacities based on 80/67°F DB/WB Indoor, 95/75°F DB/WB Outdoor Ambient, High Fan Speed.
 ② Heating capacities based on 70/60°F DB/WB Indoor, 47/43°F DB/WB Outdoor Ambient, High Fan Speed.
 ③ Nominal hot water heating capacity based on air 70°F, 180°F inlet / 160°F outlet water temperatures, High Fan Speed.



Steam/Hot Water Cabinet Unit Heaters

INDEPENDENT HEATING ZONES • REDUCE NOISE LEVELS TO A MINIMUM • REUSE EXISTING PIPING AND/OR WIRING

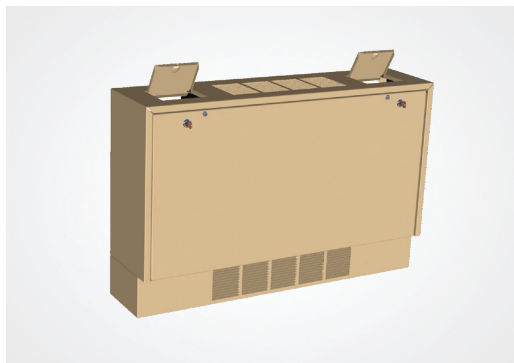
Modine cabinet unit heaters effectively make each area served an independent heating zone. Optional controls and outside and return-air dampers are available to provide for ventilation and recirculation of room air. This versatility eliminates compromising architecture or design. Important cost savings are often realized during building modernizations, as existing piping and/or wiring can frequently be reused.

Noise levels are reduced to an absolute minimum in every cabinet using techniques such as: low blower speeds, rigid panel and cabinet construction, and sound-absorbent cabinet insulation.

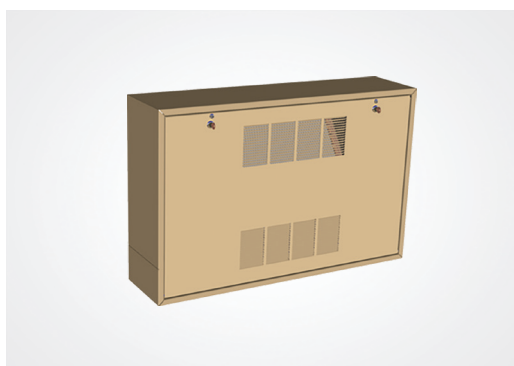
AVAILABLE IN A CHOICE OF THREE MODELS AND EIGHT SIZES:

- One, two, three, and four-row copper tubes - aluminum fin coil
- Motor with built-in thermal overload protection, 115V/60/1
- Forward-curved aluminum blower wheels
- Unit-mounted, solid-state speed control
- Permanent, cleanable air filter
- The standard cabinet finish is a light-tan baked polyester powder coat paint
- Optional factory-applied decorative colors are also available

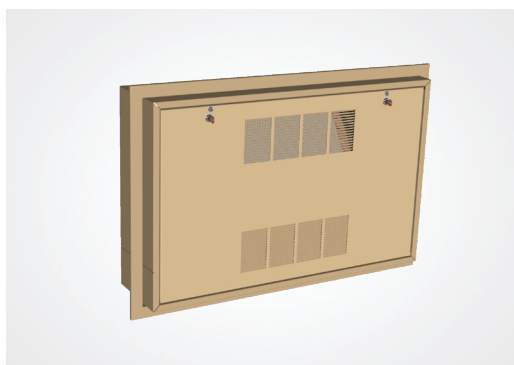




MODEL C
Exposed Floor Mounted Unit



MODEL CW
Exposed Wall or Ceiling Mounted Unit



MODEL CW
Recessed (Full or Partial) Wall or Ceiling Mounted Unit
Shown with Optional Perma-Lap® Frame

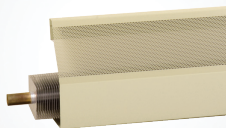


Steam/Hot Water Commercial Fin Tube Radiation

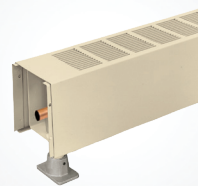
EASY INSTALLATION • MAXIMUM HEAT TRANSFER • MEETS MOST APPLICATIONS

Modine Fin tube radiation heaters are designed with a variety of enclosure styles to meet most any application or architectural style. Heating elements are copper tubes with aluminum fins that are mechanically bonded to the copper tube to provide maximum heat transfer. A choice of fin spacings permits the selection of elements to meet your design requirements.

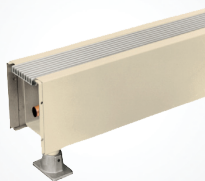
- Supplied in 2- to 8-foot lengths
- Enclosures fasten together with a slip joint
- Knob or tamper proof dampers available
- Available in a variety of colors to match most decors
- Accessories to match enclosure styles provide flexibility in design and installation



MODEL PS
Slope Top Security



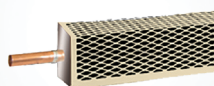
MODEL P
Pedestal Mounted



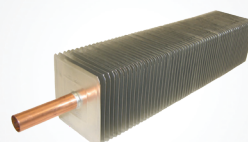
MODEL PA
Pedestal Mounted
Aluminum Grille



MODEL FT
Flat Top Protective
Metal Cover



MODEL EM
Expanded Metal



Copper Tube with
Aluminum Fin
Heating Element



MODEL SP
Trimfin®



MODEL TA
Top Outlet
with Aluminum
Grille



MODEL S
Slope Top



MODEL F
Front Outlet



MODEL R
Front and
Top Outlet



MODEL RF
Front and Top
Outlet Floor
Mounted



MODEL SF
Slope Top
Floor Mounted



MODEL T
Top Outlet

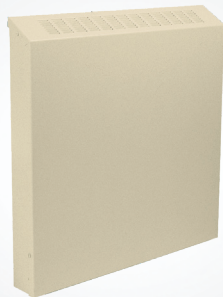
Steam/Hot Water Convectors

MAXIMUM INSTALLATION FLEXIBILITY • EASY INSTALLATION • USE FOR HOT WATER OR STEAM

Modine convectors provide maximum installation flexibility for a variety of heating applications. Tubes are mechanically expanded into aluminum fins to form a durable bond for maximum heat transfer.

Modine offers convectors in 24-64 inch lengths and 4 different heights, ranging from 18-32 inches depending on model. A complete line of options and accessories provides flexibility in design and installation.

- Variety of models allow convectors to be partially recessed, wall hung, and free standing
- The standard header is copper with top and bottom tapings
- Louvered air outlet and/or inlet grilles
- Copper-tube aluminum fin heating element for use with steam or hot water
- Opposite-end heating element piping connections
- Variety of optional colors available



MODEL SL
Slope-Top Wall Mounted





MODEL FL
Flat-Top Floor Mounted



MODEL SF
Slope-Top Floor Mounted



MODEL PL
Fully-Recessed Wall Mounted



Valedictorian® Unit Ventilator

**IDEAL FOR SCHOOLS • IMPROVE INDOOR AIR QUALITY • FLEXIBLE, MODULAR DESIGN
KEEPS EXISTING PRODUCTS UP TO DATE**

The Valedictorian is the perfect solution for both new construction and replacement of existing units in schools that want to improve the indoor air quality of their classrooms. Designed to be tough, dependable, aesthetically pleasing, quiet and easy to install, the Valedictorian® keeps an established product up-to-date with an impressive list of features and options.

A variety of ventilation configurations are available that utilize fully modulating outside air and return air dampers allow for any mixture of outside air and return air to be drawn through the unit.

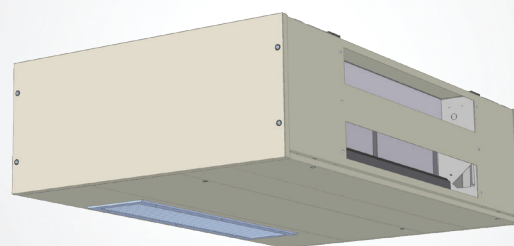
Discharge air temperature is controlled using either a face-and-bypass damper or a modulating control valve. The units may be configured as DDC ready set-up for field installed controls, factory installed field issues or an optional Carel® Microprocessor Controller. Piping components can be ordered individually or configured as a pre-installed piping package.



MODELS VFV/VFF/VSV/VSF



- Optional heavy-duty construction with 14 gauge exterior panels, tamper-proof cabinet locks, and pencil-proof aluminum supply air bar grills
- Available in four sizes, the unit incorporates a draw-through design with 2, 3, or 4-row coils for chilled water only, chilled water/hot water 2-pipe or 4-pipe installation, DX cooling coil, and steam heating coil
- Optional 1 or 2-row hot water coils are available for 4-pipe systems and can be positioned for either preheat or reheat applications
- Optional piping package available on floor mounted units. All piping components - control valve, strainer, circuit setter, shut-off valves, PT ports and balancing valve - will be factory assembled and ship installed in the unit
- Modulating valve or face & bypass temperature control
- Floor and ceiling mounted configurations
- Electrostatically applied, baked-on polyester powder coat paint ensures a long-lasting, durable finish
- A variety of available sub-bases, utility compartments, filler sections, side end-panels, and adapter backs allow for existing systems to easily be upgraded



MODEL VCF & VCV



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