

A collage of various electronic test equipment, including rack-mounted units, a handheld device, a portable unit with a screen, and a large floor-standing unit, all set against a blue sky background.











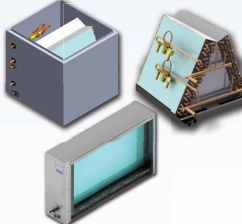
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		Description	Family	CFM Range	Capacity Range	Coil Arrangement	Outside Air Accessory	Supply Air Disch.	Return Air / Coil	Cooling	Heat	Elec Heat	Max TSP	Insul Optn	VS Option	Env. Ctrls
Belt Drive Products		Modular Air Handling Unit -Multiple arrangements for flexible installation -8 Coil Rows Available	BM	800 - 8000	2 to 20 Tons	2-Pipe 4-Pipe Preheat 4-Pipe Reheat	Mixing Box	up down horiz	horiz	w, dx	w, st, eh, hp	Field 5-29kW reheat	2.5	f, fa, c	Inverter Rated Motors (3-phase) Available (VFD field-provided and installed)	Mixing Box Controls: 3-position or fully modulating.
		Horizontal Air Handling Unit -10 Coil Rows Available	HB	400 - 8000	1 to 20 Tons	2-Pipe 4-Pipe Preheat 4-Pipe Reheat	Mixing Box	horiz	horiz	w, dx	w, st, eh, hp	Factory 1 to 21kW reheat	2.5	fa, c, dw		Mixing Box Controls: 3-position or fully modulating.
		Rooftop Air Handling Unit	BR	800 - 8000	2 to 20 Tons	2-Pipe 4-Pipe Preheat 4-Pipe Reheat	Motorized OA Damper (MOAD) Economizer Pkg (BREP)	down horiz	up horiz	w, dx	w, st, hp	n/a	3.1	f, fa, c, dw		ep incl logic module, enthalpy sensor, mixed air sensor
		Vertical Air Handling Unit	BV	800 - 4000	2 to 10 Tons	2-Pipe 4-Pipe Preheat 4-Pipe Reheat	no	up	up	w, dx	w, st, eh, hp	Field 5-21kW reheat	2.7	fa, c, dw		
Direct Drive Products		Direct Drive Multi-Position Vertical or Horizontal Fan Coil Unit	DU	600 - 2000	1.5 to 5 Tons	2-Pipe 4-Pipe Reheat	no	up horz-rt horz-lt	up-rt up-lt horz-rt horz-lt	w, dx	w, eh, hp	Factory/Field 3-20kW reheat	0.5 ESP	f	3-speed PSC, ECM, e	multi-function pump/boiler, aquastat, HW low limit, DX time delay
		Direct Drive Horizontal Fan Coil Unit	DH	400 - 1000	1 to 2.5 Tons	2-Pipe 4-Pipe Reheat with field eh/hw	no	horiz	horiz	w, dx	w, eh, hp	Field 1-10kW reheat	0.5 ESP	f	ECM, e	
		Direct Drive Vertical Fan Coil Unit	DV	400 - 1000	1 to 2.5 Tons	2-Pipe 4-Pipe Reheat with field eh/hw	no	up down	up down	w, dx	w, eh, hp	Field 1-10kW reheat	0.5 ESP	f	ECM, e	
		Direct Drive Horizontal Cased Fan Coil Unit	CE	200 - 1200	0.5 to 3.0 Tons	2-Pipe 4-Pipe Reheat 4-Pipe Preheat 4-Pipe Preheat eh/cw	0-50% damper 0-100% damper	horiz	horiz	w	w, eh	Factory 1.5 to 10kW reheat	0.6 ESP	f	3-speed PSC	24v Fan ctrl, timer, Svc disc. switch
		Direct Drive Horizontal Un-cased Fan Coil Unit	CH	200 - 1200	0.5 to 3.0 Tons	2-Pipe 4-Pipe Reheat cw/hw 4-Pipe Preheat el/dx 4-Pipe Preheat eh/cw	no	horiz	horiz	w, dx	w, eh	Factory 1.5 to 10kW reheat	0.6 ESP	f	3-speed PSC	24v Fan ctrl, timer, Svc disc. switch
		Floor Mounted Console Fan Coil -Flat top or Sloped Top	FFC FSC	200 - 1200	0.5 to 3.0 Tons	2-Pipe 4-Pipe Preheat 4-Pipe Reheat	0-25% OA damper, manual or motorized	up	up	w	w	n/a	0.0 ESP (Free Discharge)	c	3-speed PSC	tstat-ready, wall mounted tstat, 2 or 4-pipe valve control
Coils		Uncased HW-Vert/Horiz	SHW	550 - 3600	to 250mbh	HW Heating	n/a	horiz/vert	n/a	no	w	n/a	n/a	n/a	n/a	n/a
		Horizontal-Cased	HW	800 - 4000	1 to 10 Tons	2-Pipe HW/CHW		horiz		w	w					
			HX			DX Cooling				dx	none					
		Vertical-Cased & Uncased	VW		1 to 10 Tons	2-Pipe HW/CHW		vert		w	w					
			VX			DX Cooling				dx	none					

Misc Specifications:

Factory Installed
R-22 Heat Pump
R-410A Heat Pump
Hot Water to 180F
Steam to 6 psig
Not all options available with all unit combinations.

Legend:

c = closed cell
d = down flow
dd = direct drive
dw = double wall, not thermal break
dx = refrigerant
e = exceptions, check price pages or software for specific combination restrictions
ECM = electrically commutated motor
eh = electric heat accessory or option
ep = economizer package
ESP = external static pressure
f = fiber insulation
fa = fiber with antimicrobial insulation
fb = face and bypass
fs = face split dx
horiz = horizontal
hp = heat pump
mb = mixing box
moad = motorized outside air damper
st = steam
up = upflow
w = water

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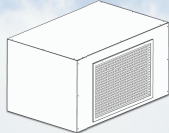


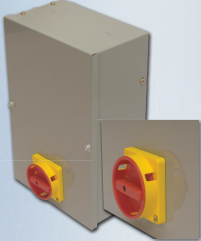

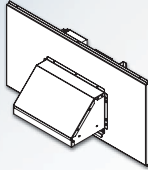
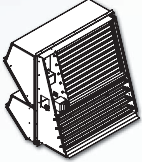

Magic Aire products are packaged in accordance with ISTA requirements



Magic Aire products are ETL listed to US and Canadian safety standards.

This document does not provide full technical specifications.
Refer to product data & software for equipment selection.

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		Family									
		HB	BV	BM	BR	DU	DH	DV	CE	CH	FFC/ FSC
	Supply Plenum (Double Deflection Grille)	Y, e	Y, e	Y, e	no	no	no	no	no	no	no
	Return Plenum -HB and BM: Expanded Metal Grille. -BV: Solid Box - field cut openings.	Y, e	Y, e	Y, e	no	no	no	no	no	no (factory return plenum option)	no
	Mixing Box (Fully Modulating or 3-position economizer controls optional)	Y, e	Y, e	Y, e	no (see Economizer)	no	no	no	no (integral mixing damper option)	no	no (integral OA damper option)
	Motor Start/Stop Station (MSS) (Non-Fused Disconnect, motor starter with overloads, 24V control transformer, terminal strip, enclosure, factory mounted)	Y, e	Y, e	Y, e	no	no (Integral 24V controls standard)	no	no	no (Integral 24V controls option)	no (Integral 24V controls option)	no (integral 24V controls option)
	Spring Isolator Kits (Spring-type suspension isolators, sized for unit alone or unit with Mixing Box)	Y	no	Y	no (fan sled internally isolated)	no	no	no	no	no	no (internally isolated and fan motor mounting)
	Motorized Outside Air Damper (Motorized damper for zero to 100% outside air flow - BR Rooftop Unit only)	no (see Mixing Box)	no	no	Y	no	no	no	no	no	no
	Economizer (Upflow or Horizontal return air Economizer with single enthalpy controls for energy saving free cooling - BR Rooftop Unit only)	no	no	no	Y	no	no	no	no	no	no
	Leg Kits (Field installed for convenient unit support - Vertical discharge units only)	no	Y	Y	no	no	no	Y	no	no	no

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