

# ELECTRONIC FAN COIL CONTROLLERS

Electronic fan coil controllers - quick reference table



	Thermostats	HDB	NTC
<b>Control algorithms</b>			
On-off	X	X	
Proportional-integral			X
<b>Valve management</b>			
Air flow control only (no valve)	X	X	
On-off actuators	X	X	X
Proportional valves			0
<b>Fan control</b>			
Three speeds	X	X	X
Optimum fan speed selection	X	X	X
Variable speed			0
<b>Main functions</b>			
Setpoint control	X	X	X
Occupied/unoccupied mode	X	X	X
Frost protection mode	X	X	X
Window contact input	X	X	X
Measurement of water inlet temperature for automatic seasonal changeover (2 pipes)	Type A	X	X
Automatic seasonal changeover (4 pipes and 2 pipes + electric heater)	Type B	X	X
Manual changeover	X	X	X
Frost protection mode	X	X	X
Continuous ventilation within dead-band	X	X	X
Periodical ventilation within dead-band	X	X	X
Unit grouping		X	X
Louvre control		X	X
On-site configuration		X	X
Supply air temperature monitoring limiting			X
Communication (CCN)			X
Electrical heater loadshed			X
Dirty filter alarm			X
Alarm reporting			X
IAQ control			0
Demand control ventilation (DCV)			0
Free cooling mode			0
<b>User interface</b>			
Digital display		X	X
Automatic or manual fan speed control	X	X	X
Operating mode selection	X	X	X
Occupancy (eco) button	X	X	X