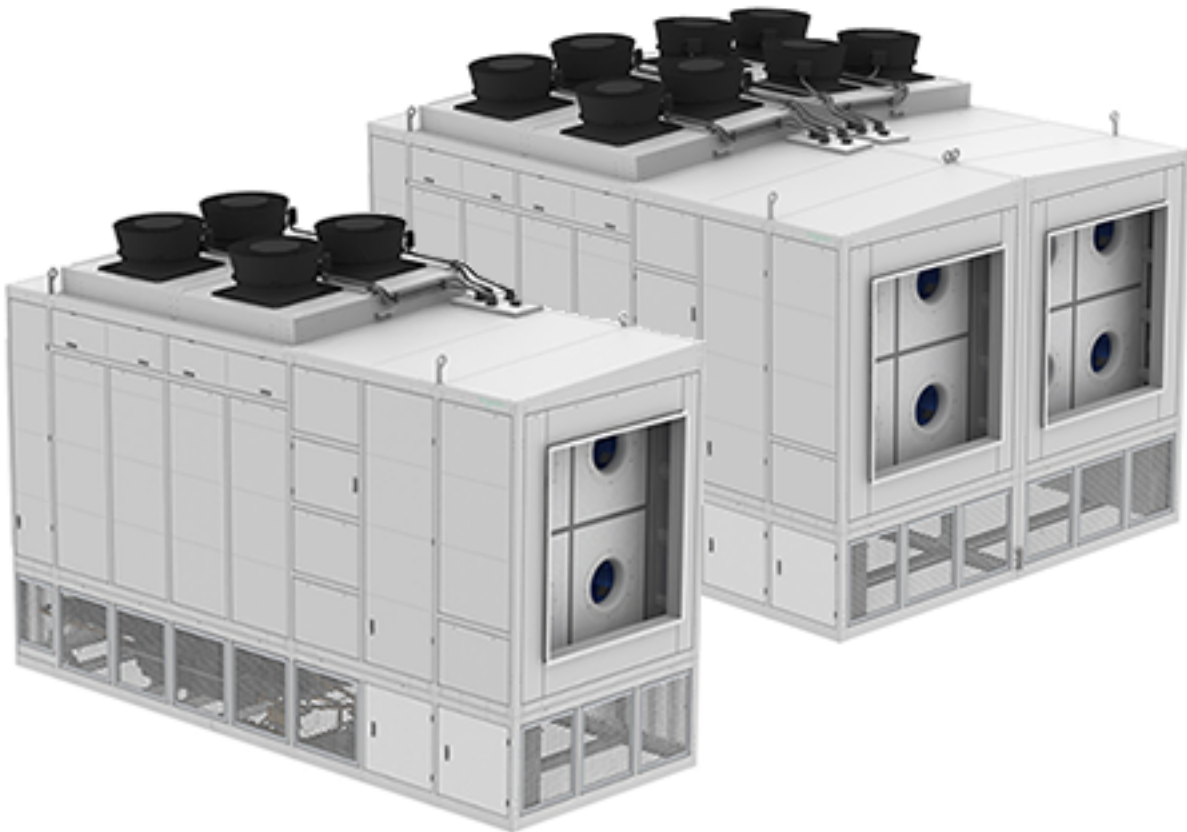


# Indirect Air Economizer

## Ecoflair™ Indirect Air Economizer

### Management Information Base (MIB)

990-91122 / 06MC0150@00B0100  
Release date 04/2018



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# Cooling MIB Overview

The information in this document is compatible with display firmware eb2g v650 prod for the Ecoflair™ Indirect Air Economizer.

## Self-Describing

The Cooling MIB is self-describing in that only the general format of the information is described by the MIB. The actual application data is described by the data in the OIDs themselves. The user must walk the MIB to get information about the data that is available.

## General organization

- OID Types
  - Analog: Data that has a continuous range of numeric values. Examples:
    - Temperature
    - Humidity
    - Cool setpoint
  - Discrete: Data that has discrete integer values that correspond to some functional meaning. Examples:
    - Configuration type
    - Airflow control
    - Air filter type
  - String: Data that consists of text. Examples:
    - Name
    - Location
- Sections
  - About
    - Table Index: The static reference identifier for each table entry.
    - Description: A text description of the information presented in coolingUnitAboutValue.
    - Value: The actual value of the current table entry.
  - Status
    - Analog
      - ◇ Table Index: The static reference identifier for each table entry.
      - ◇ Description: A text description of the information presented in coolingUnitStatusAnalogValue.
      - ◇ Value: The scaled value of the current table entry (multiplied by coolingUnitStatusAnalogScale for integer presentation).
      - ◇ Units: The unit of measure by which coolingUnitStatusAnalogValue is expressed.
      - ◇ Scale: The factor by which coolingUnitStatusAnalogValue is expressed.
    - Discrete
      - ◇ Table Index: The static reference identifier for each table entry.
      - ◇ Description: A text description of the information presented in the 'value' OIDs of this table.
      - ◇ Value as String: The actual value of the current table entry expressed as a string.

- ◇ Value as Integer: The actual value of the current table entry expressed as an integer value.
- ◇ Integer Reference Key: A complete listing of all possible coolingUnitStatusDiscreteValueAsInteger values paired with their identifying strings.
- Configuration
  - Analog
    - ◇ Table Index: The static reference identifier for each table entry.
    - ◇ Description: A text description of the information presented in coolingUnitConfigurationAnalogValue.
    - ◇ Value: The scaled value of the current table entry (multiplied by coolingUnitConfigurationAnalogScale for integer presentation).
    - ◇ Units: The unit of measure by which coolingUnitConfigurationAnalogValue is expressed.
    - ◇ Scale: The factor by which coolingUnitConfigurationAnalogValue is expressed.
    - ◇ Access: A description of available access to coolingUnitConfigurationAnalogValue via SNMP client.
    - ◇ Minimum: The minimum possible value of coolingUnitConfigurationAnalogValue.
    - ◇ Maximum: The maximum possible value of coolingUnitConfigurationAnalogValue.
  - Discrete
    - ◇ Table Index: The static reference identifier for each table entry.
    - ◇ Description: A text description of the information presented in the 'value' OIDs of this table.
    - ◇ Value As String: The actual value of the current table entry expressed as a string.
    - ◇ Value as Integer: The actual value of the current table entry expressed as an integer value.
    - ◇ Integer Reference Key: A complete listing of all possible coolingUnitConfigurationDiscreteValueAsInteger values paired with their identifying strings.
    - ◇ Access: A description of available access to coolingUnitConfigurationDiscreteValueAsInteger via SNMP client.
  - String
    - ◇ Table Index: The static reference identifier for each table entry.
    - ◇ Description: A text description of the information presented in coolingUnitConfigurationStringValue.
    - ◇ Value: The actual value of the current table entry.
    - ◇ Max Length: The maximum string length supported by coolingUnitConfigurationStringValue.
    - ◇ Access: A description of available access to coolingUnitConfigurationStringValue via SNMP client.
- Extended
 

The extended section of the MIB contains data that provides a higher level of detail for the advanced user.

  - Analog
    - ◇ Table Index: The static reference identifier for each table entry.
    - ◇ Description: A text description of the information presented in coolingUnitExtendedAnalogValue.
    - ◇ Value: The scaled value of the current table entry (multiplied by coolingUnitExtendedAnalogScale for integer presentation).
    - ◇ Units: The unit of measure by which coolingUnitExtendedAnalogValue is expressed.

- ◇ Scale: The factor by which coolingUnitExtendedAnalogValue is expressed.
- Discrete
  - ◇ Table Index: The static reference identifier for each table entry.
  - ◇ Description: A text description of the information presented in the 'value' OIDs of this table.
  - ◇ Value as String: The actual value of the current table entry expressed as a string.
  - ◇ Value as Integer: The actual value of the current table entry expressed as an integer value.
  - ◇ Integer Reference Key: A complete listing of all possible coolingUnitExtendedDiscreteValueAsInteger values paired with their identifying strings.
- String
  - ◇ Table Index: The static reference identifier for each table entry.
  - ◇ Description: A text description of the information presented in coolingUnitExtendedStringValue.
  - ◇ Value: The actual value of the current table entry.

# MIB Data Tables

## coolingUnitAboutTable

- Name: coolingUnitAboutTable
- Type: OBJECT-TYPE
- OID: 1.3.6.1.4.1.318.1.1.27.1.3.2
- Full path:  
iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).apc(318).products(1).hardware(1).cooling(27).coolingUnit(1).coolingUnitAbout(3).coolingUnitAboutTable(2)
- Module: PowerNet-MIB
- Parent: coolingUnitAbout
- First child: coolingUnitAboutEntry
- Prev sibling: coolingUnitAboutTableSize
- Numerical syntax: Sequence
- Base syntax: SEQUENCE OF CoolingUnitAboutEntry
- Composed syntax: SEQUENCE OF CoolingUnitAboutEntry
- Status: mandatory
- Max access: not-accessible
- Sequences:
  - 1: coolingUnitAboutTableIndex - INTEGER(2 - integer (32 bit))
  - 2: coolingUnitAboutDescription - DisplayString(4 - octets)
  - 3: coolingUnitAboutValue - DisplayString(4 - octets)
- Description: A table of unit reference information.
- Table headings
  - **1:** Instance
  - **2:** coolingUnitAboutTableIndex(IDX)
  - **3:** coolingUnitAboutDescription
  - **4:** coolingUnitAboutValue

1	2	3	4
1.1	1	Model Number	Not available
1.2	2	Serial Number	Not available
1.3	3	Unit ID	0
1.4	4	Firmware Revision	1.0.1
1.5	5	PIC 1 Firmware Revision	2.33.0
1.6	6	PIC 2 Firmware Revision	2.28.0
1.7	7	Hardware Revision	5
2.1	1	Model Number	Not available
2.2	2	Serial Number	Not available
2.3	3	Unit ID	0
2.4	4	Firmware Revision	1.0.1
2.5	5	PIC 1 Firmware Revision	2.33.0
2.6	6	PIC 2 Firmware Revision	2.28.0
2.7	7	Hardware Revision	4 (or less)



## coolingUnitStatusAnalogTable

- Name: coolingUnitStatusAnalogTable
- Type: OBJECT-TYPE
- OID: 1.3.6.1.4.1.318.1.1.27.1.4.1.2
- Full path:  
iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).apc(318).products(1).hardware(1).cooling(27).coolingUnit(1).coolingUnitStatus(4).coolingUnitStatusAnalog(1).coolingUnitStatusAnalogTable(2)
- Module: PowerNet-MIB
- Parent: coolingUnitStatusAnalog
- First child: coolingUnitStatusAnalogEntry
- Prev sibling: coolingUnitStatusAnalogTableSize
- Numerical syntax: Sequence
- Base syntax: SEQUENCE OF CoolingUnitStatusAnalogEntry
- Composed syntax: SEQUENCE OF CoolingUnitStatusAnalogEntry
- Status: mandatory
- Max access: not-accessible
- Sequences:
  - 1: coolingUnitStatusAnalogTableIndex - INTEGER(2 - integer (32 bit))
  - 2: coolingUnitStatusAnalogDescription - DisplayString(4 - octets)
  - 3: coolingUnitStatusAnalogValue - DisplayString(4 - octets)
  - 4: coolingUnitStatusAnalogUnits - DisplayString(4 - octets)
  - 5: coolingUnitStatusAnalogScale - INTEGER(2 - integer (32 bit))
- Description: A table of analog unit status data.
- Table headings
  - **1:** Instance
  - **2:** coolingUnitStatusAnalogTableIndex(IDX)
  - **3:** coolingUnitStatusAnalogDescription
  - **4:** coolingUnitStatusAnalogValue  
**NOTE:** Value will vary based on readings or settings.
  - **5:** coolingUnitStatusAnalogUnits
  - **6:** coolingUnitStatusAnalogScale

1	2	3	4	5	6
1.1	1	Outdoor Air Temperature	—	F	10
1.2	2	Outdoor Air Temperature	—	C	10
1.3	3	Outdoor Humidity	—	%RH	10
1.4	4	Average IEC Supply Air Temperature	—	F	10
1.5	5	Average IEC Supply Air Temperature	—	C	10
1.6	6	—	—	—	—
1.7	7	Return Air Temperature	—	F	10
1.8	8	Return Air Temperature	—	C	10
1.9	9	Return Humidity	—	%RH	10
1.10	10	IT Fan 1 Airflow	—	CFM	1
1.11	11	IT Fan 1 Airflow	—	m3/h	1
1.12	12	Commanded IT Fan Speed	—	%	1
1.13	13	Total Compressor Power	—	kW	1000

1	2	3	4	5	6
1.14	14	OA Fan 1 Airflow	—	CFM	1
1.15	15	OA Fan 1 Airflow	—	m3/h	1
1.16	16	Basin Water Level	—	in.	10
1.17	17	Basin Water Level	—	cm	10
1.18	18	Basin Water Conductivity	—	uS/cm	1
1.19	19	Basin Drain Valve Position	—	%	10
1.20	20	Filter Differential Pressure	—	"WC	100
1.21	21	Filter Differential Pressure	—	PA	10
1.22	22	DX Circuit 1 Supply Air Temperature	—	F	10
1.23	23	DX Circuit 1 Supply Air Temperature	—	C	10
1.24	24	DX Circuit 2 Supply Air Temperature	—	F	10
1.25	25	DX Circuit 2 Supply Air Temperature	—	C	10
1.26	26	DX Circuit 1 Discharge Pressure	—	psi	10
1.27	27	DX Circuit 1 Discharge Pressure	—	KPa	10
1.28	28	DX Circuit 2 Discharge Pressure	—	psi	10
1.29	29	DX Circuit 2 Discharge Pressure	—	KPa	10
1.30	30	DX Circuit 1 Suction Pressure	—	psi	10
1.31	31	DX Circuit 1 Suction Pressure	—	KPa	10
1.32	32	DX Circuit 2 Suction Pressure	—	psi	10
1.33	33	DX Circuit 2 Suction Pressure	—	KPa	10
1.34	34	DX Circuit 1 Suction Temperature	—	F	10
1.35	35	DX Circuit 1 Suction Temperature	—	C	10
1.36	36	DX Circuit 2 Suction Temperature	—	F	10
1.37	37	DX Circuit 2 Suction Temperature	—	C	10
1.38	38	DX Circuit 1 Compressor Power	—	kW	1000
1.39	39	DX Circuit 2 Compressor Power	—	kW	1000
1.40	40	DX Circuit 1 Superheat Temperature	—	F	10
1.41	41	DX Circuit 1 Superheat Temperature	—	C	10
1.42	42	DX Circuit 2 Superheat Temperature	—	F	10
1.43	43	DX Circuit 2 Superheat Temperature	—	C	10
1.44	44	DX Circuit 1 VFD Frequency	—	Hz	10
1.45	45	DX Circuit 2 VFD Frequency	—	Hz	10
1.46	46	DX Circuit 1 EEV Position	—	%	10
1.47	47	DX Circuit 2 EEV Position	—	%	10
1.48	48	Water Inlet Temperature	—	F	10
1.49	49	Water Inlet Temperature	—	C	10
1.50	50	Supply Air Temperature	—	F	10
1.51	51	Supply Air Temperature	—	C	10
1.52	52	L1–2	—	V	10
1.53	53	L2–3	—	V	10
1.54	54	L3–1	—	V	10
1.55	55	L–L Average	—	V	10
1.56	56	L1	—	A	1000

1	2	3	4	5	6
1.57	57	L2	—	A	1000
1.58	58	L3	—	A	1000
1.59	59	L–N Average	—	A	1000
1.60	60	Active Power	—	kW	1000
1.61	61	Reactive Energy	—	kVA	1000
1.62	62	Active Power	—	kWh	1
1.63	63	Reactive Energy	—	kVArh	1
1.64	64	Power Factor	—	Not available	1000
1.65	65	Frequency	—	Hz	100
1.66	66	Primary L1–2	—	V	10
1.67	67	Primary L2–3	—	V	10
1.68	68	Primary L3–1	—	V	10
1.69	69	Secondary L1–2	—	V	10
1.70	70	Secondary L2–3	—	V	10
1.71	71	Secondary L3–1	—	V	10
1.72	72	IT Fan Differential Pressure	—	"WC	100
1.73	73	IT Fan Differential Pressure	—	Pa	10
1.74	74	Ultracap 1 Capacity	—	%	1
1.75	75	Ultracap 2 Capacity	—	%	1
1.76	76	IT Fan 2 Airflow	—	CFM	1
1.77	77	IT Fan 2 Airflow	—	m3/h	1
1.78	78	IT Fan 3 Airflow	—	CFM	1
1.79	79	IT Fan 3 Airflow	—	m3/h	1
1.80	80	IT Fan 4 Airflow	—	CFM	1
1.81	81	IT Fan 4 Airflow	—	m3/h	1
1.82	82	OA Fan 2 Airflow	—	CFM	1
1.83	83	OA Fan 2 Airflow	—	m3/h	1
1.84	84	OA Fan 3 Airflow	—	CFM	1
1.85	85	OA Fan 3 Airflow	—	m3/h	1
1.86	86	OA Fan 4 Airflow	—	CFM	1
1.87	87	OA Fan 4 Airflow	—	m3/h	1
2.1	1	Outdoor Air Temperature	—	F	10
2.2	2	Outdoor Air Temperature	—	C	10
2.3	3	Outdoor Humidity	—	%RH	10
2.4	4	Average IEC Supply Air Temperature	—	F	10
2.5	5	Average IEC Supply Air Temperature	—	C	10
2.6	6	—	—	—	—
2.7	7	Return Air Temperature	—	F	10
2.8	8	Return Air Temperature	—	C	10
2.9	9	Return Humidity	—	%RH	10
2.10	10	IT Fan 1 Airflow	—	CFM	1
2.11	11	IT Fan 1 Airflow	—	m3/h	1
2.12	12	Commanded IT Fan Speed	—	%	1
2.13	13	Total Compressor Power	—	kW	1000

1	2	3	4	5	6
2.14	14	OA Fan 1 Airflow	—	CFM	1
2.15	15	OA Fan 1 Airflow	—	m3/h	1
2.16	16	Basin Water Level	—	in.	10
2.17	17	Basin Water Level	—	cm	10
2.18	18	Basin Water Conductivity	—	uS/cm	1
2.19	19	Basin Drain Valve Position	—	%	10
2.20	20	Filter Differential Pressure	—	"WC	100
2.21	21	Filter Differential Pressure	—	PA	10
2.22	22	DX Circuit 1 Supply Air Temperature	—	F	10
2.23	23	DX Circuit 1 Supply Air Temperature	—	C	10
2.24	24	DX Circuit 2 Supply Air Temperature	—	F	10
2.25	25	DX Circuit 2 Supply Air Temperature	—	C	10
2.26	26	DX Circuit 1 Discharge Pressure	—	psi	10
2.27	27	DX Circuit 1 Discharge Pressure	—	KPa	10
2.28	28	DX Circuit 2 Discharge Pressure	—	psi	10
2.29	29	DX Circuit 2 Discharge Pressure	—	KPa	10
2.30	30	DX Circuit 1 Suction Pressure	—	psi	10
2.31	31	DX Circuit 1 Suction Pressure	—	KPa	10
2.32	32	DX Circuit 2 Suction Pressure	—	psi	10
2.33	33	DX Circuit 2 Suction Pressure	—	KPa	10
2.34	34	DX Circuit 1 Suction Temperature	—	F	10
2.35	35	DX Circuit 1 Suction Temperature	—	C	10
2.36	36	DX Circuit 2 Suction Temperature	—	F	10
2.37	37	DX Circuit 2 Suction Temperature	—	C	10
2.38	38	DX Circuit 1 Compressor Power	—	kW	1000
2.39	39	DX Circuit 2 Compressor Power	—	kW	1000
2.40	40	DX Circuit 1 Superheat Temperature	—	F	10
2.41	41	DX Circuit 1 Superheat Temperature	—	C	10
2.42	42	DX Circuit 2 Superheat Temperature	—	F	10
2.43	43	DX Circuit 2 Superheat Temperature	—	C	10
2.44	44	DX Circuit 1 VFD Frequency	—	Hz	10
2.45	45	DX Circuit 2 VFD Frequency	—	Hz	10
2.46	46	DX Circuit 1 EEV Position	—	%	10
2.47	47	DX Circuit 2 EEV Position	—	%	10
2.48	48	Water Inlet Temperature	—	F	10
2.49	49	Water Inlet Temperature	—	C	10
2.50	50	Supply Air Temperature	—	F	10
2.51	51	Supply Air Temperature	—	C	10
2.52	52	L1–2	—	V	10
2.53	53	L2–3	—	V	10
2.54	54	L3–1	—	V	10
2.55	55	L–L Average	—	V	10
2.56	56	L1	—	A	1000

1	2	3	4	5	6
2.57	57	L2	—	A	1000
2.58	58	L3	—	A	1000
2.59	59	L–N Average	—	A	1000
2.60	60	Active Power	—	kW	1000
2.61	61	Reactive Energy	—	kVA	1000
2.62	62	Active Power	—	kWh	1
2.63	63	Reactive Energy	—	kVArh	1
2.64	64	Power Factor	—	Not available	1000
2.65	65	Frequency	—	Hz	100
2.66	66	Primary L1–2	—	V	10
2.67	67	Primary L2–3	—	V	10
2.68	68	Primary L3–1	—	V	10
2.69	69	Secondary L1–2	—	V	10
2.70	70	Secondary L2–3	—	V	10
2.71	71	Secondary L3–1	—	V	10
2.72	72	IT Fan Differential Pressure	—	"WC	100
2.73	73	IT Fan Differential Pressure	—	Pa	10
2.74	74	Ultracap 1 Capacity	—	%	1
2.75	75	Ultracap 2 Capacity	—	%	1
2.76	76	IT Fan 2 Airflow	—	CFM	1
2.77	77	IT Fan 2 Airflow	—	m3/h	1
2.78	78	IT Fan 3 Airflow	—	CFM	1
2.79	79	IT Fan 3 Airflow	—	m3/h	1
2.80	80	IT Fan 4 Airflow	—	CFM	1
2.81	81	IT Fan 4 Airflow	—	m3/h	1
2.82	82	OA Fan 2 Airflow	—	CFM	1
2.83	83	OA Fan 2 Airflow	—	m3/h	1
2.84	84	OA Fan 3 Airflow	—	CFM	1
2.85	85	OA Fan 3 Airflow	—	m3/h	1
2.86	86	OA Fan 4 Airflow	—	CFM	1
2.87	87	OA Fan 4 Airflow	—	m3/h	1

## coolingUnitStatusDiscreteTable

- Name: coolingUnitStatusDiscreteTable
- Type: OBJECT-TYPE
- OID: 1.3.6.1.4.1.318.1.1.27.1.4.2.2
- Full path:  
iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).apc(318).products(1).hardware(1).cooling(27).coolingUnit(1).coolingUnitStatus(4).coolingUnitStatusDiscrete(2).coolingUnitStatusDiscreteTable(2)
- Module: PowerNet-MIB
- Parent: coolingUnitStatusDiscrete
- First child: coolingUnitStatusDiscreteEntry
- Prev sibling: coolingUnitStatusDiscreteTableSize
- Numerical syntax: Sequence
- Base syntax: SEQUENCE OF CoolingUnitStatusDiscreteEntry
- Composed syntax: SEQUENCE OF CoolingUnitStatusDiscreteEntry
- Status: mandatory
- Max access: not-accessible
- Sequences:
  - 1: coolingUnitStatusDiscreteTableIndex - INTEGER(2 - integer (32 bit))
  - 2: coolingUnitStatusDiscreteDescription - DisplayString(4 - octets)
  - 3: coolingUnitStatusDiscreteValueAsString - DisplayString(4 - octets)
  - 4: coolingUnitStatusDiscreteValueAsInteger - INTEGER(2 - integer (32 bit))
  - 5: coolingUnitStatusDiscreteIntegerReferenceKey - DisplayString(4 - octets)
- Description:A table of analog unit status data.
- Table headings
  - **1:** Instance
  - **2:** coolingUnitStatusDiscreteTableIndex(IDX)
  - **3:** coolingUnitStatusDiscreteDescription
  - **4:** coolingUnitStatusDiscreteValueAsString  
**NOTE:** Value will vary based on readings or settings.
  - **5:** coolingUnitStatusDiscreteValueAsInteger  
**NOTE:** Value will vary based on readings or settings.
  - **6:** coolingUnitStatusDiscreteIntegerReferenceKey

1	2	3	4	5	6
1.1	1	Cooling Mode	—	—	Off(0),Remote Off(1),Maintenance(2),Dry Cooling(3),Wet Cooling(4),Dry and Trim Cooling(5),Wet and Trim Cooling(6)
1.2	2	Basin Structure	—	—	Idle(0),Draining(1),Filling(2),Blow Down(3),Debris Flush(4)
1.3	3	DX Circuit 1 Compressor	—	—	Off(0),On(1)
1.4	4	DX Circuit 2 Compressor	—	—	Off(0),On(1)
1.5	5	Water Pump 1	—	—	Off(0),On(1)
1.6	6	Water Pump 2	—	—	Off(0),On(1)
1.7	7	Damper Position	—	—	Open(0),Closed(1)
1.8	8	Active Load Source	—	—	Primary(0),Secondary(1)

1	2	3	4	5	6
2.1	1	Cooling Mode	—	—	Off(0),Remote Off(1),Maintenance(2),Dry Cooling(3),Wet Cooling(4),Dry and Trim Cooling(5),Wet and Trim Cooling(6)
2.2	2	Basin Structure	—	—	Idle(0),Draining(1),Filling(2),Blow Down(3),Debris Flush(4)
2.3	3	DX Circuit 1 Compressor	—	—	Off(0),On(1)
2.4	4	DX Circuit 2 Compressor	—	—	Off(0),On(1)
2.5	5	Water Pump 1	—	—	Off(0),On(1)
2.6	6	Water Pump 2	—	—	Off(0),On(1)
2.7	7	Damper Position	—	—	Open(0),Closed(1)
2.8	8	Active Load Source	—	—	Primary(0),Secondary(1)

## coolingUnitConfigurationAnalogTable

- Name: coolingUnitConfigurationAnalogTable
- Type: OBJECT-TYPE
- OID: 1.3.6.1.4.1.318.1.1.27.1.5.1.2
- Full path:  
iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).apc(318).products(1).hardware(1).cooling(27).coolingUnit(1).coolingUnitConfiguration(5).coolingUnitConfigurationAnalog(1).coolingUnitConfigurationAnalogTable(2)
- Module: PowerNet-MIB
- Parent: coolingUnitConfigurationAnalog
- First child: coolingUnitConfigurationAnalogEntry
- Prev sibling: coolingUnitConfigurationAnalogTableSize
- Numerical syntax: Sequence
- Base syntax: SEQUENCE OF CoolingUnitConfigurationAnalogEntry
- Composed syntax: SEQUENCE OF CoolingUnitConfigurationAnalogEntry
- Status: mandatory
- Max access: not-accessible
- Sequences:
  - 1: coolingUnitConfigurationAnalogTableIndex - INTEGER(2 - integer (32 bit))
  - 2: coolingUnitConfigurationAnalogDescription - DisplayString(4 - octets)
  - 3: coolingUnitConfigurationAnalogValue - INTEGER(2 - integer (32 bit))
  - 4: coolingUnitConfigurationAnalogUnits - DisplayString(4 - octets)
  - 5: coolingUnitConfigurationAnalogScale - INTEGER(2 - integer (32 bit))
  - 6: coolingUnitConfigurationAnalogAccess - INTEGER(2 - integer (32 bit))
  - 7: coolingUnitConfigurationAnalogMinimum - INTEGER(2 - integer (32 bit))
  - 8: coolingUnitConfigurationAnalogMaximum - INTEGER(2 - integer (32 bit))
- Description:A table of analog unit status data.
- Table headings
  - **1:** Instance
  - **2:** coolingUnitConfigurationAnalogTableIndex(IDX)
  - **3:** coolingUnitConfigurationAnalogDescription
  - **4:** coolingUnitConfigurationAnalogValue  
**NOTE:** Value will vary based on readings or settings.
  - **5:** coolingUnitConfigurationAnalogUnits
  - **6:** coolingUnitConfigurationAnalogScale
  - **7:** coolingUnitConfigurationAnalogAccess
  - **8:** coolingUnitConfigurationAnalogMinimum
  - **9:** coolingUnitConfigurationAnalogMaximum

1	2	3	4	5	6	7	8	9
1.1	1	Dry Operation Drain Time	—	hr	1	readWrite (2)	10	72
1.2	2	Return Temperature High Threshold	—	F	10	readWrite (2)	-400	2120
1.3	3	Return Temperature High Threshold	—	C	10	readWrite (2)	-400	1000
1.4	4	Return Temperature Low Threshold	—	F	10	readWrite (2)	-400	2120



1	2	3	4	5	6	7	8	9
1.5	5	Return Temperature Low Threshold	—	C	10	readWrite (2)	-400	1000
1.6	6	Supply Temperature High Threshold	—	F	10	readWrite (2)	-400	2120
1.7	7	Supply Temperature High Threshold	—	C	10	readWrite (2)	-400	1000
1.8	8	Supply Temperature Low Threshold	—	F	10	readWrite (2)	-400	2120
1.9	9	Supply Temperature Low Threshold	—	C	10	readWrite (2)	-400	1000
1.10	10	Basin Water Conductivity Setpoint	—	uS/cm	1	readWrite (2)	500	2500
1.11	11	Basin Water Conductivity Deadband	—	uS/cm	1	readWrite (2)	50	500
1.12	12	Supply Air Temperature Setpoint	—	F	10	readWrite (2)	680	900
1.13	13	Supply Air Temperature Setpoint	—	C	10	readWrite (2)	200	322
1.14	14	Wet Operate Temperature Setpoint	—	F	10	readWrite (2)	450	1000
1.15	15	Wet Operate Temperature Setpoint	—	C	10	readWrite (2)	72	378
1.16	16	Pump Rotation Interval	—	day	1	readWrite (2)	0	15
1.17	17	Altitude	—	ft	1	readWrite (2)	0	3000
1.18	18	Altitude	—	m	1	readWrite (2)	0	914
1.19	19	Manual IT Fan Speed	—	%	1	readWrite (2)	15	100
1.20	20	Conductivity Sensor Range Min	—	uS/cm	1	readWrite (2)	0	29000
1.21	21	Conductivity Sensor Range Max	—	uS/cm	1	readWrite (2)	1000	30000
1.22	22	Water Operation Reserve Time	—	min	1	readWrite (2)	0	30
1.23	23	Cycles of Concentration	—	(zero-length)	1	readWrite (2)	1	99
2.1	1	Dry Operation Drain Time	—	hr	1	readWrite (2)	10	72
2.2	2	Return Temperature High Threshold	—	F	10	readWrite (2)	-400	2120
2.3	3	Return Temperature High Threshold	—	C	10	readWrite (2)	-400	1000
2.4	4	Return Temperature Low Threshold	—	F	10	readWrite (2)	-400	2120
2.5	5	Return Temperature Low Threshold	—	C	10	readWrite (2)	-400	1000
2.6	6	Supply Temperature High Threshold	—	F	10	readWrite (2)	-400	2120
2.7	7	Supply Temperature High Threshold	—	C	10	readWrite (2)	-400	1000
2.8	8	Supply Temperature Low Threshold	—	F	10	readWrite (2)	-400	2120
2.9	9	Supply Temperature Low Threshold	—	C	10	readWrite (2)	-400	1000

1	2	3	4	5	6	7	8	9
2.10	10	Basin Water Conductivity Setpoint	—	uS/cm	1	readWrite (2)	500	2500
2.11	11	Basin Water Conductivity Deadband	—	uS/cm	1	readWrite (2)	50	500
2.12	12	Supply Air Temperature Setpoint	—	F	10	readWrite (2)	680	900
2.13	13	Supply Air Temperature Setpoint	—	C	10	readWrite (2)	200	322
2.14	14	Wet Operate Temperature Setpoint	—	F	10	readWrite (2)	450	1000
2.15	15	Wet Operate Temperature Setpoint	—	C	10	readWrite (2)	72	378
2.16	16	Pump Rotation Interval	—	day	1	readWrite (2)	0	15
2.17	17	Altitude	—	ft	1	readWrite (2)	0	3000
2.18	18	Altitude	—	m	1	readWrite (2)	0	914
2.19	19	Manual IT Fan Speed	—	%	1	readWrite (2)	15	100
2.20	20	Conductivity Sensor Range Min	—	uS/cm	1	readWrite (2)	0	29000
2.21	21	Conductivity Sensor Range Max	—	uS/cm	1	readWrite (2)	1000	30000
2.22	22	Water Operation Reserve Time	—	min	1	readWrite (2)	0	30
2.23	23	Cycles of Concentration	—	(zero-length)	1	readWrite (2)	1	99

## coolingUnitConfigurationDiscreteTable

- Name: coolingUnitConfigurationDiscreteTable
- Type: OBJECT-TYPE
- OID: 1.3.6.1.4.1.318.1.1.27.1.5.2.2
- Full path:  
iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).apc(318).products(1).hardware(1).cooling(27).coolingUnit(1).coolingUnitConfiguration(5).coolingUnitConfigurationDiscrete(2).coolingUnitConfigurationDiscreteTable(2)
- Module: PowerNet-MIB
- Parent: coolingUnitConfigurationDiscrete
- First child: coolingUnitConfigurationDiscreteEntry
- Prev sibling: coolingUnitConfigurationDiscreteTableSize
- Numerical syntax: Sequence
- Base syntax: SEQUENCE OF CoolingUnitConfigurationDiscreteEntry
- Composed syntax: SEQUENCE OF CoolingUnitConfigurationDiscreteEntry
- Status: mandatory
- Max access: not-accessible
- Sequences:
  - 1: coolingUnitConfigurationDiscreteTableIndex - INTEGER(2 - integer (32 bit))
  - 2: coolingUnitConfigurationDiscreteDescription - DisplayString(4 - octets)
  - 3: coolingUnitConfigurationDiscreteValueAsString - DisplayString(4 - octets)
  - 4: coolingUnitConfigurationDiscreteValueAsInteger - INTEGER(2 - integer (32 bit))
  - 5: coolingUnitConfigurationDiscreteIntegerReferenceKey - DisplayString(4 - octets)
  - 6: coolingUnitConfigurationDiscreteAccess - INTEGER(2 - integer (32 bit))
- Description: A table of analog unit status data.
- Table headings
  - **1:** Instance
  - **2:** coolingUnitConfigurationDiscreteTableIndex(IDX)
  - **3:** coolingUnitConfigurationDiscreteDescription
  - **4:** coolingUnitConfigurationDiscreteValueAsString  
**NOTE:** Value will vary based on readings or settings.
  - **5:** coolingUnitConfigurationDiscreteValueAsInteger  
**NOTE:** Value will vary based on readings or settings.
  - **6:** coolingUnitConfigurationDiscreteIntegerReferenceKey
  - **7:** coolingUnitConfigurationDiscreteAccess

1	2	3	4	5	6	7
1.1	1	Lead Pump	—	—	1(0),2(1)	readWrite (2)
1.2	2	Water Saver	—	—	Disable(0), Enable(1)	readWrite (2)
1.3	3	Module	—	—	Off(0),On (1)	readWrite (2)
1.4	4	IT Fan Mode	—	—	Auto(0), Manual(1)	readWrite (2)
1.5	5	Damper Open Position DI Value	—	—	Zero(0), One(1)	readWrite (2)

1	2	3	4	5	6	7
2.1	1	Lead Pump	—	—	1(0),2(1)	readWrite (2)
2.2	2	Water Saver	—	—	Disable(0), Enable(1)	readWrite (2)
2.3	3	Module	—	—	Off(0),On (1)	readWrite (2)
2.4	4	IT Fan Mode	—	—	Auto(0), Manual(1)	readWrite (2)
2.5	5	Damper Open Position DI Value	—	—	Zero(0), One(1)	readWrite (2)



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