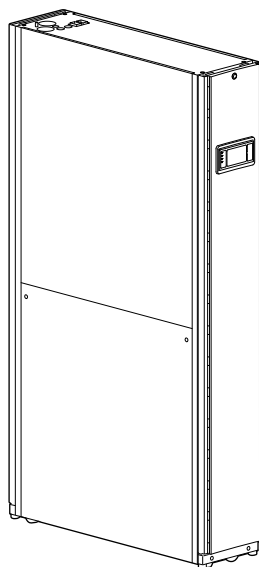


# InRow™ RC Chilled Water Air Conditioners, 300 mm

**ACRC301S, ACRC301H**

**Management Information Base (MIB)**

990-5326B-001  
Release date 07/2023



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# Cooling MIB Overview

The information in this document is compatible with display firmware v6.0.1 for the Uniflair AM 50 Hz cooling units.

## 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

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
1.1	1	Model Number	ACRC301
1.2	2	Serial Number	ET7452368145
1.3	3	Firmware Revision	1.9.0
1.4	4	Hardware Revision	01
1.5	5	Manufacture Date	11/29/2013
1.6	6	Application Version	v6.1.2
1.7	7	OS Version	v6.3.2
1.8	8	APC Boot Monitor	v1.0.8



## 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	Supply Air Temperature	670	F	10
1.2	2	Supply Air Temperature	194	C	10
1.3	3	Return Air Temperature	820	F	10
1.4	4	Return Air Temperature	278	C	10
1.5	5	Unit Maximum Rack Inlet Temperature	763	F	10
1.6	6	Unit Maximum Rack Inlet Temperature	246	C	10
1.7	7	Dew Point Temperature	450	F	10
1.8	8	Dew Point Temperature	72	C	10
1.9	9	Cool Demand	41	kW	10
1.10	10	Cool Output	346	kW	10
1.11	11	Airflow	976	CFM	1
1.12	12	Fan Speed	31	%	1

1	2	3	4	5	6
1.13	13	Unit Energy	707	kWh	1
1.14	14	Unit Power	500	W	1
1.15	15	Cool Demand	4	kW	1
1.16	16	Cool Output	0	kW	1
1.17	17	Airflow	976	CFM	1
1.18	18	Minimum Rack Inlet Temperature	720	F	10
1.19	19	Minimum Rack Inlet Temperature	222	C	10
1.20	20	Maximum Rack Inlet Temperature	850	F	10
1.21	21	Maximum Rack Inlet Temperature	294	C	10
1.22	22	Fan 1	3809	hr	1
1.23	23	Fan 2	3809	hr	1
1.24	24	Fan 3	3809	hr	1
1.25	25	Fan 4	3809	hr	1
1.26	26	Fan 5	3809	hr	1
1.27	27	Fan 6	3809	hr	1
1.28	28	Fan 7	3809	hr	1
1.29	29	Fan 8	3809	hr	1
1.30	30	Air Filter	3809	hr	1
1.31	31	Fan Power Supply 1	4622	hr	1
1.32	32	Fan Power Supply 2	4622	hr	1
1.33	33	Condensate Pump	263	hr	1
1.34	34	Unit	9748	hr	1
1.35	35	Circulation Pump	0	hr	1
1.36	36	Rack Inlet Temperature 1	763	F	10
1.37	37	Rack Inlet Temperature 1	246	C	10
1.38	38	Rack Inlet Temperature 2	Not available	F	Not available
1.39	39	Rack Inlet Temperature 2	Not available	C	Not available
1.40	40	Rack Inlet Temperature 3	Not available	F	Not available
1.41	41	Rack Inlet Temperature 3	Not available	C	Not available
1.42	42	Rack Inlet Temperature 4	Not available	F	Not available
1.43	43	Rack Inlet Temperature 4	Not available	C	Not available
1.44	44	Airflow	461	L/s	1
1.45	45	Airflow	461	L/s	1
1.46	46	Circulation Pump Speed	30	%	1
1.47	47	Circulation Pump Power	100	W	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 discrete 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	Operating Mode	Standby	0	Standby(0),On(1),Idle(2),Maintenance(3)
1.2	2	Active Flow Control Status	NA	3	Under(0),Okay(1),Over(2),NA(3)

## 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	Cool Setpoint	720	F	10	readWrite(2)	644	950
1.2	2	Cool Setpoint	222	C	10	readWrite(2)	180	350
1.3	3	Supply Air Setpoint	700	F	10	readWrite(2)	590	864
1.4	4	Supply Air Setpoint	211	C	10	readWrite(2)	150	302

1	2	3	4	5	6	7	8	9
1.5	5	Maximum Fan Speed	100	%	1	readWrite(2)	60	100
1.6	6	Cool Gain 'P'	11122	(zero-length)	100	readOnly(1)	0	25595
1.7	7	Cool Derivative 'D'	25595	(zero-length)	100	readOnly(1)	0	25595
1.8	8	Cool Reset Rate 'I'	12345	(zero-length)	100	readOnly(1)	0	25595
1.9	9	Rack Inlet High Temperature Threshold	1130	F	10	readWrite(2)	500	1501
1.10	10	Rack Inlet High Temperature Threshold	450	C	10	readWrite(2)	100	656
1.11	11	Supply Air High Temperature Threshold	950	F	10	readWrite(2)	500	1501
1.12	12	Supply Air High Temperature Threshold	350	C	10	readWrite(2)	100	656
1.13	13	Return Air High Temperature Threshold	1400	F	10	readWrite(2)	500	1501
1.14	14	Return Air High Temperature Threshold	600	C	10	readWrite(2)	100	656
1.15	15	Entering Chilled Water High Temperature Threshold	770	F	10	readWrite(2)	350	1000
1.16	16	Entering Chilled Water High Temperature Threshold	250	C	10	readWrite(2)	17	378
1.17	17	Altitude	1450	ft	1	readWrite(2)	0	7500
1.18	18	Altitude	442	m	1	readWrite(2)	0	2286
1.19	19	Startup Delay	0	sec	1	readWrite(2)	0	999
1.20	20	Maximum Chilled Water Flow	55	GPM	1	readOnly(1)	0	100
1.21	21	Percent Glycol	3	%	1	readOnly(1)	0	50
1.22	22	Number of Units in Group	1	(zero-length)	1	readWrite(2)	1	12
1.23	23	Number of Rack Inlet Temp Sensors in Unit	1	(zero-length)	1	readWrite(2)	0	4
1.24	24	Number of Leak Detectors in Unit	0	(zero-length)	1	readWrite(2)	0	4
1.25	25	Number of Active Flow Controllers	1	(zero-length)	1	readWrite(2)	0	5
1.26	26	Air Filter Service Interval	52	weeks	1	readWrite(2)	1	300
1.27	27	Unit Service Alarm Interval	13	weeks	1	readOnly(1)	13	60

## 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 discrete unit configuration data.
- Table headings
  - **1:** Instance
  - **2:** coolingUnitConfigurationDiscreteTableIndex
  - **3:** coolingUnitConfigurationDiscreteDescription
  - **4:** coolingUnitConfigurationDiscreteValueAsString  
**NOTE:** Value will vary based on readings or settings.
  - **5:** coolingUnitConfigurationDiscreteValueAsInteger
  - **6:** coolingUnitConfigurationDiscreteIntegerReferenceKey
  - **7:** coolingUnitConfigurationDiscreteAccess

1	2	3	4	5	6	7
1.1	1	Configuration Type	In-Row	2	RACS(0),HACS(1),In-Row(2),CACCS(3)	readOnly(1)
1.2	2	Airflow Control	Automatic	0	Automatic(0),60%(1),70%(2),80%(3),90%(4),100%(5)	readWrite(2)
1.3	3	Delta-T Setpoint	30F/16.7C	4	10F/5.6C(0),15F/8.3C(1),20F/11.1C(2),25F/13.9C(3),30F/16.7C(4),35F/19.4C(5),40F/22.2C(6)	readWrite(2)
1.4	4	Standby Input Normal State	Open	0	Open(0),Closed(1)	readWrite(2)
1.5	5	Active Flow Control Bias	Zero	2	Positive(0),Slightly Positive(1),Zero(2),Slightly Negative(3),Negative(4)	readOnly(1)

1	2	3	4	5	6	7
1.6	6	Idle on Leak Detect	Yes	1	No(0),Yes(1)	readWrite(2)
1.7	7	Idle on Cool Fail	Yes	1	No(0),Yes(1)	readWrite(2)
1.8	8	Air Filter Service Alarm Enable	Enable	1	Disable(0),Enable(1)	readWrite(2)
1.9	9	Unit Service Alarm Enable	Enable	1	Disable(0),Enable(1)	readOnly(1)
1.10	10	Chilled Water Valve Control	Automatic	0	Automatic(0),Open(1)	readOnly(1)
1.11	11	Power Source	Dual	1	Single(0),Dual(1)	readWrite(2)
1.12	12	Bypass Valve Position	Closed	1	Open(0),Closed(1)	readWrite(2)
1.13	13	On / Standby	Standby	0	Standby(0),On(1)	readWrite(2)
1.14	14	Clear Active Alarms	No	0	No(0),Yes(1)	readWrite(2)
1.15	15	Reset Unit Energy	No	0	No(0),Yes(1)	readWrite(2)
1.16	16	Active Flow Control Lamp Test	Off	0	Off(0),On(1)	readWrite(2)
1.17	17	Air Filter Serviced	No	0	No(0),Yes(1)	readWrite(2)
1.18	18	Air Filter Type	Pleated	1	Standard(0),Pleated(1)	readWrite(2)
1.19	19	Alarm on Standby	No	0	No (0), Yes (1)	readWrite(2)

## coolingUnitConfigurationStringTable

- Name: coolingUnitConfigurationStringTable
- Type: OBJECT-TYPE
- OID: 1.3.6.1.4.1.318.1.1.27.1.5.3.2
- Full path:  
iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).apc(318).products(1).hardware(1).cooling(27).coolingUnit(1).coolingUnitConfiguration(5).coolingUnitConfigurationString(3).coolingUnitConfigurationStringTable(2)
- Module: PowerNet-MIB
- Parent: coolingUnitConfigurationString
- First child: coolingUnitConfigurationStringEntry
- Prev sibling: coolingUnitConfigurationStringTableSize
- Numerical syntax: Sequence
- Base syntax: SEQUENCE OF CoolingUnitConfigurationStringEntry
- Composed syntax: SEQUENCE OF CoolingUnitConfigurationStringEntry
- Status: mandatory
- Max access: not-accessible
- Sequences:
  - 1: coolingUnitConfigurationStringTableIndex - INTEGER(2 - integer (32 bit))
  - 2: coolingUnitConfigurationStringDescription - DisplayString(4 - octets)
  - 3: coolingUnitConfigurationStringValue - DisplayString(4 - octets)
  - 4: coolingUnitConfigurationStringMaxLength - INTEGER(2 - integer (32 bit))
  - 5: coolingUnitConfigurationStringAccess - INTEGER(2 - integer (32 bit))
- Description: A table of unit configuration strings.
- Table headings
  - **1:** Instance
  - **2:**coolingUnitConfigurationStringTableIndex
  - **3:**coolingUnitConfigurationStringDescription
  - **4:**coolingUnitConfigurationStringValue
  - NOTE:** Value will vary based on readings or settings.
  - **5:**coolingUnitConfigurationStringMaxLength
  - **6:** coolingUnitConfigurationStringAccess

1	2	3	4	5	6
1.1	1	Name	ACRD2G Simulator	255	readWrite(2)
1.2	2	Location	STL 3rd Floor	255	readWrite(2)



# coolingUnitExtendedAnalogTable

- Name: coolingUnitExtendedAnalogTable
- Type: OBJECT-TYPE
- OID: 1.3.6.1.4.1.318.1.1.27.1.6.1.2
- Full path: iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).apc(318).products(1).hardware(1).cooling(27).coolingUnit(1).coolingUnitExtended(6).coolingUnitExtendedAnalog(1).coolingUnitExtendedAnalogTable(2)
- Module: PowerNet-MIB
- Parent: coolingUnitExtendedAnalog
- First child: coolingUnitExtendedAnalogEntry
- Prev sibling: coolingUnitExtendedAnalogTableSize
- Numerical syntax: Sequence
- Base syntax: SEQUENCE OF CoolingUnitExtendedAnalogEntry
- Composed syntax: SEQUENCE OF CoolingUnitExtendedAnalogEntry
- Status: mandatory
- Max access: not-accessible
- Sequences:
  - 1: coolingUnitExtendedAnalogTableIndex - INTEGER(2 - integer (32 bit))
  - 2: coolingUnitExtendedAnalogDescription - DisplayString(4 - octets)
  - 3: coolingUnitExtendedAnalogValue - INTEGER(2 - integer (32 bit))
  - 4: coolingUnitExtendedAnalogUnits - DisplayString(4 - octets)
  - 5: coolingUnitExtendedAnalogScale - INTEGER(2 - integer (32 bit))
- Description: A table of secondary analog data for the cooling unit or one of its components.
- Table headings
  - **1:** Instance
  - **2:** coolingUnitExtendedAnalogTableIndex
  - **3:** coolingUnitExtendedAnalogDescription
  - **4:** coolingUnitExtendedAnalogValue
  - NOTE:** Value will vary based on readings or settings.
  - **5:** coolingUnitExtendedAnalogUnits
  - **6:** coolingUnitExtendedAnalogScale

1	2	3	4	5	6
1.1	1	Chilled Water Valve Position	10	%	1
1.2	2	Chilled Water Flow	30	GPM	10
1.3	3	Entering Chilled Water Temperature	450	F	10
1.4	4	Entering Chilled Water Temperature	72	C	10
1.5	5	Leaving Chilled Water Temperature	720	F	10
1.6	6	Leaving Chilled Water Temperature	222	C	10
1.7	7	Coil Chilled Water Temperature	450	F	10
1.8	8	Coil Chilled Water Temperature	72	C	10
1.9	9	Filter Differential Pressure	30	"WC	100
1.10	10	Filter Differential Pressure	7473	Pa	100
1.11	11	Chilled Water Flow	3	L/s	1

---

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
1.12	12	Circulation Pump Flow	61	GPM	10
1.13	13	Circulation Pump Flow	0	L/s	1

---

## coolingUnitExtendedDiscreteTable

- Name: coolingUnitExtendedDiscreteTable
- Type: OBJECT-TYPE
- OID: 1.3.6.1.4.1.318.1.1.27.1.6.2.2
- Full path:
  - iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).apc(318).products(1).hardware(1).cooling(27).coolingUnit(1).coolingUnitExtended(6).coolingUnitExtendedDiscrete(2).coolingUnitExtendedDiscreteTable(2)
- Module: PowerNet-MIB
- Parent: coolingUnitExtendedDiscrete
- First child: coolingUnitExtendedDiscreteEntry
- Prev sibling: coolingUnitExtendedDiscreteTableSize
- Numerical syntax: Sequence
- Base syntax: SEQUENCE OF CoolingUnitExtendedDiscreteEntry
- Composed syntax: SEQUENCE OF CoolingUnitExtendedDiscreteEntry
- Status: mandatory
- Max access: not-accessible
- Sequences:
  - 1: coolingUnitExtendedDiscreteTableIndex - INTEGER(2 - integer (32 bit))
  - 2: coolingUnitExtendedDiscreteDescription - DisplayString(4 - octets)
  - 3: coolingUnitExtendedDiscreteValueAsString - DisplayString(4 - octets)
  - 4: coolingUnitExtendedDiscreteValueAsInteger - INTEGER(2 - integer (32 bit))
  - 5: coolingUnitExtendedDiscreteIntegerReferenceKey - DisplayString(4 - octets)
- Description: A table of secondary discrete cooling unit data.
- Table headings
  - **1:** Instance
  - **2:** coolingUnitExtendedDiscreteTableIndex
  - **3:** coolingUnitExtendedDiscreteDescription
  - **4:** coolingUnitExtendedDiscreteValueAsString
    - NOTE:** Value will vary based on readings or settings.
  - **5:** coolingUnitExtendedDiscreteValueAsInteger
  - **6:** coolingUnitExtendedDiscreteIntegerReferenceKey

1	2	3	4	5	6
1.1	1	Standby Input State	Open	0	Open(0),Closed(1)
1.2	2	Output 1 State	Normal	1	Abnormal(0),Normal(1)
1.3	3	Output 2 State	Normal	1	Abnormal(0),Normal(1)
1.4	4	Output 3 State	Normal	1	Abnormal(0),Normal(1)
1.5	5	Output 4 State	Normal	1	Abnormal(0),Normal(1)
1.6	6	Active Power Source	Primary	0	Primary (0),Secondary(1)
1.7	7	Unit Type	Standard	1	Undefined(0),Standard(1),HighTemp(2)
1.8	8	Leak Detector 1	Not available	Not available	No Leak (0), Leak Detected (1)
1.9	9	Leak Detector 2	Not available	Not available	No Leak (0), Leak Detected (1)

---

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
1.10	10	Leak Detector 3	Not available	Not available	No Leak (0), Leak Detected (1)
1.11	11	Leak Detector 4	No Leak	0	No Leak (0), Leak Detected (1)

---

## coolingUnitExtendedStringTable

- Name: coolingUnitExtendedDiscreteTable
- Type: OBJECT-TYPE
- OID: 1.3.6.1.4.1.318.1.1.27.1.6.3.2
- Full path:  
iso(1).org(3).dod(6).internet(1).private(4).enterprises(1).apc(318).products(1).hardware(1).cooling(27).coolingUnit(1).coolingUnitExtended(6).coolingUnitExtendedString(3).coolingUnitExtendedStringTable(2)
- Module: PowerNet-MIB
- Parent: coolingUnitExtendedString
- First child: coolingUnitExtendedStringEntry
- Prev sibling: coolingUnitExtendedStringTableSize
- Numerical syntax: Sequence
- Base syntax: SEQUENCE OF CoolingUnitExtendedStringEntry
- Composed syntax: SEQUENCE OF CoolingUnitExtendedStringEntry
- Status: mandatory
- Max access: not-accessible
- Sequences:
  - 1: coolingUnitExtendedStringTableIndex - INTEGER(2 - integer (32 bit))
  - 2: coolingUnitExtendedStringDescription - DisplayString(4 - octets)
  - 3: coolingUnitExtendedStringValue - DisplayString(4 - octets)
- Description: A table of secondary unit reference data.
- No table data

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As standards, specifications, and design change from time to time,  
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