AirPurifier

// Required Characteristics
Active
CurrentAirPurifierState
TargetAirPurifierState

// Optional Characteristics
LockPhysicalControls
Name
SwingMode
RotationSpeed

AirQualitySensor

// Required Characteristics
AirQuality

// Optional Characteristics
StatusActive
StatusFault
StatusTampered
StatusLowBattery
Name
OzoneDensity
NitrogenDioxideDensity
SulphurDioxideDensity
PM2_5Density
PM10Density
VOCDensity
CarbonMonoxideLevel
CarbonDioxideLevel

BatteryService

// Required Characteristics
BatteryLevel
ChargingState
StatusLowBattery

// Optional Characteristics
Name

CameraControl

// Required Characteristics
On

// Optional Characteristics
CurrentHorizontalTiltAngle
CurrentVerticalTiltAngle
TargetHorizontalTiltAngle
TargetVerticalTiltAngle
NightVision
OpticalZoom
DigitalZoom
ImageRotation
ImageMirroring
Name

CameraRTPStreamManagement

// Required Characteristics
SupportedVideoStreamConfiguration
SupportedAudioStreamConfiguration
SupportedRTPConfiguration
SelectedStreamConfiguration
StreamingStatus
SetupEndpoints

// Optional Characteristics
Name

CarbonDioxideSensor

// Required Characteristics
CarbonDioxideDetected

// Optional Characteristics
StatusActive
StatusFault
StatusLowBattery
StatusTampered);
CarbonDioxideLevel
CarbonDioxidePeakLevel
Name

CarbonMonoxideSensor

// Required Characteristics
CarbonMonoxideDetected

// Optional Characteristics
StatusActive
StatusFault
StatusLowBattery
StatusTampered
CarbonMonoxideLevel
CarbonMonoxidePeakLevel
Name

ContactSensor

// Required Characteristics
ContactSensorState

// Optional Characteristics
StatusActive
StatusFault
StatusTampered
StatusLowBattery
Name

Door

// Required Characteristics
CurrentPosition
PositionState
TargetPosition

// Optional Characteristics
HoldPosition
ObstructionDetected
Name

Doorbell

// Required Characteristics
ProgrammableSwitchEvent

// Optional Characteristics
Brightness
Volume
Name

Fan

// Required Characteristics
On

// Optional Characteristics
RotationDirection
RotationSpeed
Name

Fanv2

// Required Characteristics
Active

// Optional Characteristics
CurrentFanState
TargetFanState
LockPhysicalControls
Name
RotationDirection
RotationSpeed
SwingMode

FilterMaintenance

// Required Characteristics
FilterChangeIndication

// Optional Characteristics
FilterLifeLevel
ResetFilterIndication
Name

GarageDoorOpener

CurrentDoorState
TargetDoorState
ObstructionDetected

LockCurrentState
LockTargetState
Name

HeaterCooler

Active
CurrentHeaterCoolerState
TargetHeaterCoolerState
CurrentTemperature

LockPhysicalControls
Name
SwingMode
CoolingThresholdTemperature
HeatingThresholdTemperature
TemperatureDisplayUnits
RotationSpeed

HumidifierDehumidifier

CurrentRelativeHumidity
CurrentHumidifierDehumidifierState
TargetHumidifierDehumidifierState
Active

LockPhysicalControls
Name
SwingMode
WaterLevel
RelativeHumidityDehumidifierThreshold
RelativeHumidityHumidifierThreshold
RotationSpeed

HumiditySensor

// Required Characteristics
CurrentRelativeHumidity

// Optional Characteristics
StatusActive
StatusFault
StatusTampered
StatusLowBattery
Name

LeakSensor

// Required Characteristics
LeakDetected

// Optional Characteristics
StatusActive
StatusFault
StatusTampered
StatusLowBattery
Name

LightSensor

// Required Characteristics
CurrentAmbientLightLevel

// Optional Characteristics
StatusActive
StatusFault
StatusTampered
StatusLowBattery
Name

Lightbulb

// Required Characteristics
On

// Optional Characteristics
Brightness
Hue
Saturation
Name

LockManagement

// Required Characteristics
LockControlPoint
Version

// Optional Characteristics
Logs
AudioFeedback
LockManagementAutoSecurityTimeout
AdministratorOnlyAccess
LockLastKnownAction
CurrentDoorState
MotionDetected
Name

LockMechanism

// Required Characteristics
LockCurrentState
LockTargetState

// Optional Characteristics
Name

Microphone

// Required Characteristics
Mute

// Optional Characteristics
Volume
Name

MotionSensor

// Required Characteristics
MotionDetected

// Optional Characteristics
StatusActive
StatusFault
StatusTampered
StatusLowBattery
Name

OccupancySensor

// Required Characteristics
OccupancyDetected

// Optional Characteristics
StatusActive
StatusFault
StatusTampered
StatusLowBattery
Name

Outlet

// Required Characteristics
On
OutletInUse

// Optional Characteristics
Name

SecuritySystem

// Required Characteristics
SecuritySystemCurrentState
SecuritySystemTargetState

// Optional Characteristics
StatusFault
StatusTampered
SecuritySystemAlarmType
Name

Slat

// Required Characteristics
SlatType
CurrentSlatState

// Optional Characteristics
Name
CurrentTiltAngle
TargetTiltAngle
SwingMode

SmokeSensor

// Required Characteristics
SmokeDetected

// Optional Characteristics
StatusActive
StatusFault
StatusTampered
StatusLowBattery
Name

Speaker

// Required Characteristics
Mute

// Optional Characteristics
Volume
Name

StatefulProgrammableSwitch

// Required Characteristics
ProgrammableSwitchEvent
ProgrammableSwitchOutputState

// Optional Characteristics
Name

StatelessProgrammableSwitch

// Required Characteristics
ProgrammableSwitchEvent

// Optional Characteristics
Name
LabelIndex

Switch

// Required Characteristics
  On

// Optional Characteristics
  Name

TemperatureSensor

// Required Characteristics
  CurrentTemperature

// Optional Characteristics
  StatusActive
  StatusFault
  StatusLowBattery
  StatusTampered
  Name

Thermostat

// Required Characteristics
  CurrentHeatingCoolingState
  TargetHeatingCoolingState
  CurrentTemperature
  TargetTemperature
  TemperatureDisplayUnits

// Optional Characteristics
  CurrentRelativeHumidity
  TargetRelativeHumidity
  CoolingThresholdTemperature
  HeatingThresholdTemperature
  Name

Window

// Required Characteristics
CurrentPosition
TargetPosition
PositionState

// Optional Characteristics
HoldPosition
ObstructionDetected
Name

WindowCovering

// Required Characteristics
CurrentPosition
TargetPosition
PositionState

// Optional Characteristics
HoldPosition
TargetHorizontalTiltAngle
TargetVerticalTiltAngle
CurrentHorizontalTiltAngle
CurrentVerticalTiltAngle
ObstructionDetected
Name