

## ترموستات متصل Smarter AC with Netatmo

XW8003 - XM8003 - XG8003

0 490 43 - 0 490 44

XW8003W - 0 490 45

### الوصف

الترموستات Smarter AC with Netatmo هو الترموستات (منظم الحرارة) المتصل لأنظمة التدفئة والتهوية وتكييف الهواء (HVAC): يمكنه إدارة وحدة جدارية مباشرة بفضل وحدة إرسال الأشعة تحت الحمراء الموجودة على اللوحة، وأيضاً الأنظمة الأكبر ذات نظام الفصل أو الوحدة المروحية. وذلك بفضل التوافق مع الملحقات الخاصة.

يمكن أيضاً بواسطة الجهاز ضبط مستوى درجة الحرارة المراد الوصول إليه يدوياً، وسرعة المراوح، وتفعيل وضع التعزيز "Boost"، والذي يسمح بتشغيل النظام يدوياً لفترة محدودة (15، 30، أو 45 دقيقة) بغض النظر عن درجة الحرارة المقاسة أو تلك المبرمجة ووظيفة ON/OFF لتشغيل وإيقاف تشغيل منظم الحرارة.

كما يسمح لك بعرض درجة الحرارة والرطوبة المقاسة في البيئة. بالاقتران مع تطبيق Home Control +، من الممكن برمجة وإدارة درجة الحرارة بطريقة بسيطة وبديهية.

بفضل اتصال Wi-Fi المزود به الجهاز، يمكن برمجة Smarter AC with Netatmo والتحكم فيه عن بعد. يمكن أيضاً التحكم في Smarter AC with Netatmo عبر خدمات المساعدة الصوتية من Google وAmazon Alexa وApple.

### HomeKit

Smarter AC with Netatmo إصدار مدمج 0 490 43/0 490 44 XW8003/XM8003/XG8003  
الجهاز متوافق مع اللعب القياسية الإيطالية (500/503E/502PB)، والفرنسية والإنجليزية (UA1).

### Smarter AC with Netatmo إصدار جداري 0 490 45 XW8003W

يمكن تثبيته على الجدار باستخدام البراغي ووحدات التثبيت الجدارية المناسبة لخصائص سطح التثبيت.

يمكن تثبيت ما يصل إلى 10 منظمات حرارة في منظومتك.

يمكن لـ Smarter AC with Netatmo واحد، بناءً على نوع التثبيت، التحكم (عبر RF) في: (أ) ما يصل إلى 10 وحدة إرسال أشعة تحت الحمراء متصلة (التي لها نفس بروتوكول الاتصال والموجودة في 10 غرف كحد أقصى في تطبيق Home + Control)، في هذه الحالة يمكن تعطيل وحدة إرسال الأشعة تحت الحمراء الموجودة على Smarter AC أو يمكن استخدامها بالتوازي مع وحدات إرسال الأشعة تحت الحمراء للتحكم في وحدة فصل أخرى.

(ب) ما يصل إلى 5 مشغلات أنظمة تدفئة وتهوية وتكييف الهواء (HVAC)، مع الحد من أن تكون جميعها في نفس الغرفة وأن تكون الوحدات المروحية الموجهة من نفس النوع.

### عناصر متوافقة

3460IR وحدة إرسال الأشعة تحت الحمراء متصلة  
10 489 0 مشغل أنظمة تدفئة وتهوية وتكييف الهواء (HVAC)

### التهيئة

التغذية	110 - 240 فولت تيار متردد 50 / 60 هرتز
معدل الاستهلاك	2 وات الحد الأقصى
أقصى مقطع للكابلات	1,5 x 2 م
مدى التماس	A (2)5
درجة حرارة التشغيل	5 - 40 درجة مئوية
نوع التشغيل	1BU
درجة التلوث	2
جهد الاندفاع الاسمي	4 كيلو فولت

متوافق مع وحدة إرسال الأشعة تحت الحمراء (3460IR)

متوافق مع مشغل وحدة الملف المروحية (10 489 0)

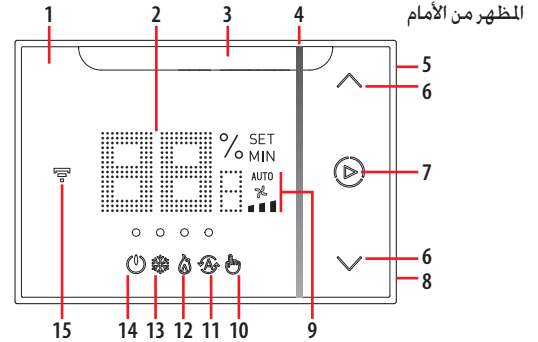
جهاز لاسلكي متوافق مع المعيار 802.11b/g/n: التردد 2.4 - 2.4835 جيجا هرتز: قدرة الإرسال >20 ديسيبل مللي وات، بروتوكول الأمان "WEP/WPA/WPA2"، بروتوكول IPv4.

منافذ مستخدمة من Smarter AC with Netatmo وتطبيق Home + Control:

- TCP 25050 - حركة مرور الويب ومصادقة المستخدم.

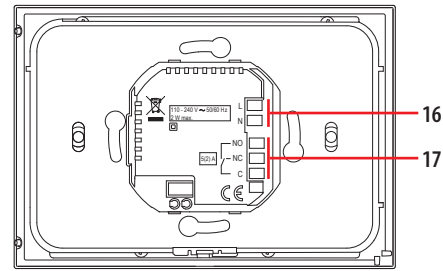
- HTTP/HTTPS - 443/80

التكنولوجيا: نطاق تردد الراديو 2.4 جيجا هرتز (16 قناة) - معدل البايت: 250 كيلو بايت/ثانية شبكة MESH قادرة على حل المشكلات تلقائياً، ومستوى أمان عالٍ (AES128) متوافقة مع HA1.2 للمعايير المنظمة IEEE 802.15.4 (LR-WPAN).

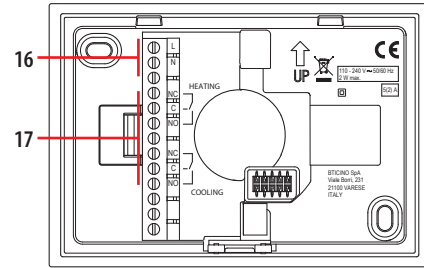


إصدار مدمج

المظهر من الخلف



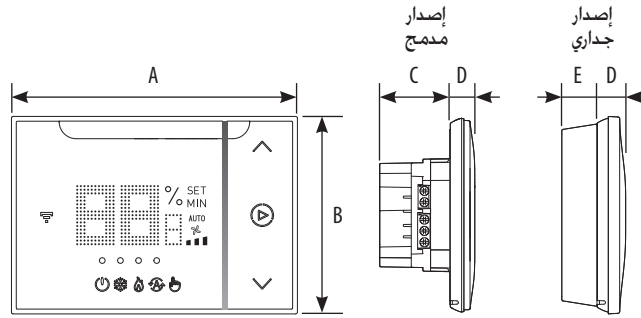
إصدار جداري



### قائمة الرمو

1. شاشة عرض تعمل باللمس
  2. عرض درجة الحرارة / الرطوبة
  3. وحدة إرسال الأشعة تحت الحمراء
  4. مؤشر الوقت المتبقي للعملية في وضع "التعزيز Boost"
  5. زر اتصال بشبكة الواي فاي "Wi-Fi" وإعدادات RF
  6. مفاتيح إعداد درجة الحرارة
  7. مفتاح ثنائي الوظيفة:
    - الضغط لمدة وجيزة لتفعيل وضع التعزيز "boost"
    - الضغط لمدة مطولة 3 ثوانٍ لتفعيل وظيفة التشغيل/إيقاف التشغيل \*\*
  8. زر إعادة التعيين (اضغط مع الاستمرار لمدة 10 ثوانٍ، سيعود الجهاز إلى إعدادات المصنع)
  9. مؤشر سرعة المروحة المنقسمة أو لفائف المروحة (تلقائي/1/2/3)
  10. مؤشر الوضع اليدوي
  11. مؤشر الوضع التلقائي
  12. مؤشر التدفئة
  13. مؤشر التبريد
  14. مؤشر "إيقاف تشغيل الترموستات"
  15. مؤشر الاتصال بشبكة الواي فاي "Wi-Fi"
  16. أطراف التوصيل بالإمداد الكهربائي (انظر المخططات)
  17. أطراف التوصيل (للاستخدام المستقبلي)
- \* في الأنظمة ذات وحدة الانفصال، لن تكون درجة الحرارة المقاسة بواسطة Smarter AC المبرمج لتشغيل/إيقاف تشغيل النظام.
- ستكون درجة الحرارة المرجعية هي تلك التي تقرأها الوحدة المنفصلة ولا يمكن عرضها إما على Smarter AC أو على التطبيق.
- \*\* متوفر في إصدار FW44

## بيانات الأبعاد



A	B	C	D	E
126 mm	87 mm	31 mm	13 mm	15,5 mm

## التهيئة

لتهيئة وتثبيت الجهاز، ولأي معلومات أخرى يُرجى الرجوع إلى التعليمات التالية أو إلى الوثائق المتاحة في الكatalog الإلكتروني للمنتج.

Download App



Home + Control

جوجل بلاي: نوصي باستخدام أحدث إصدار من نظام أندرويد في الدخول إلى متجر جوجل بلاي



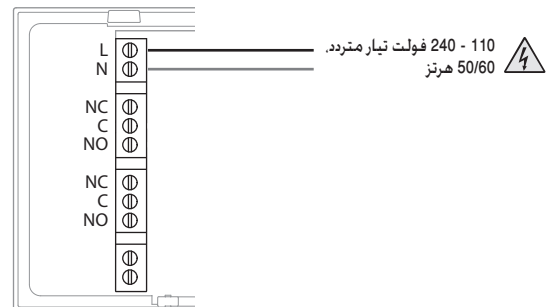
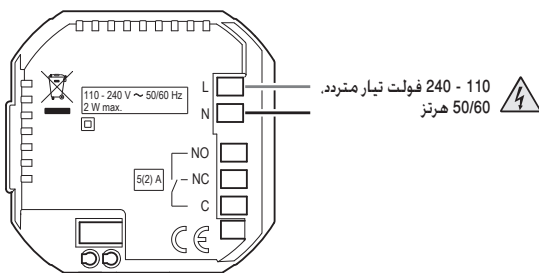
iOS: للتحكم في هذا الملحق الخاص بـ HomeKit، يُنصح باستخدام أحدث إصدار من iOS أو iPadOS



## مخططات التوصيل

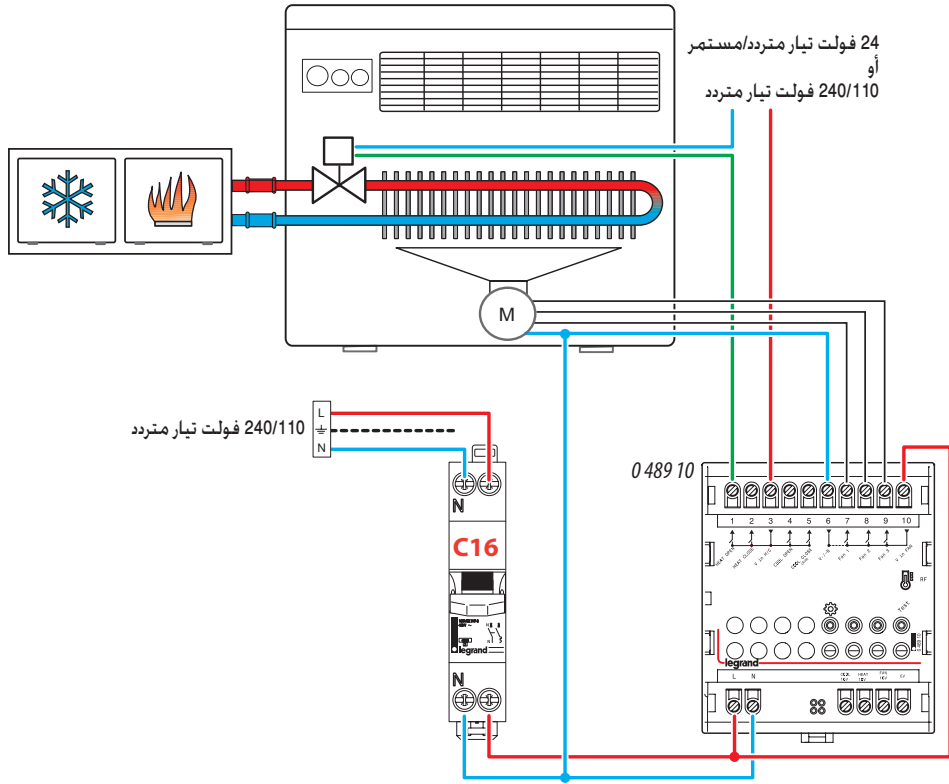
إصدار مدمج

إصدار جداري



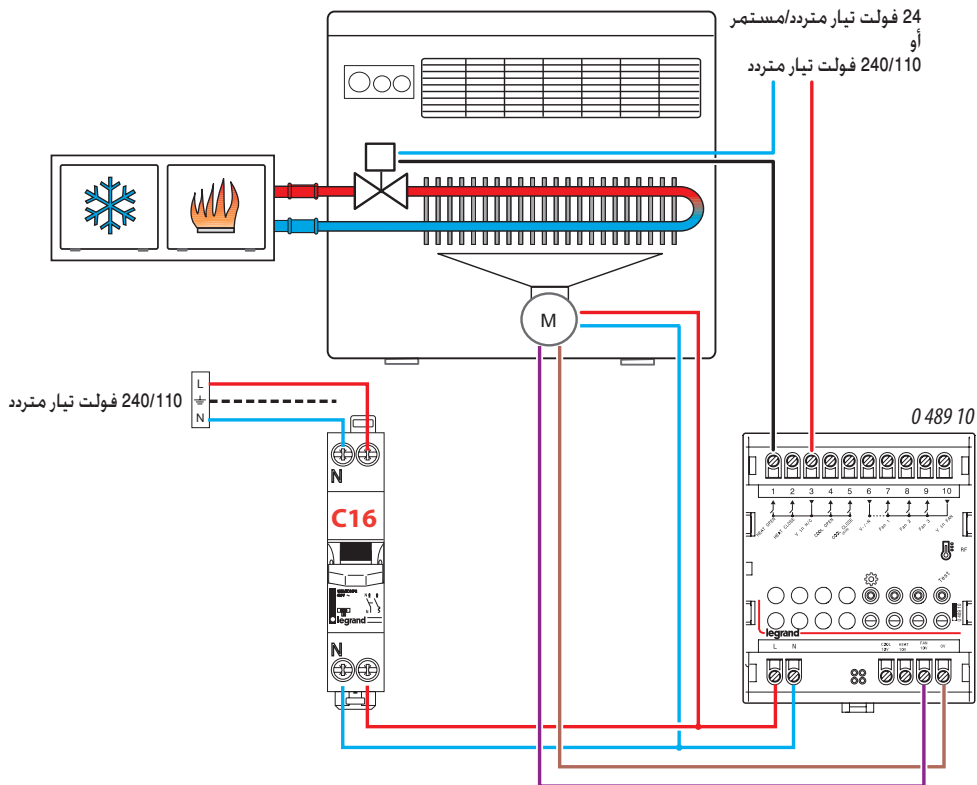
نظام مكون من 1 وحدة ملف مروحي بعدد 2 أنبوبة

نظام بصمام تشغيل/إيقاف، ومروحة ذات 3 سرعات  
تدفئة فقط - تبريد فقط - تدفئة أو تبريد مع تبديل يدوي.

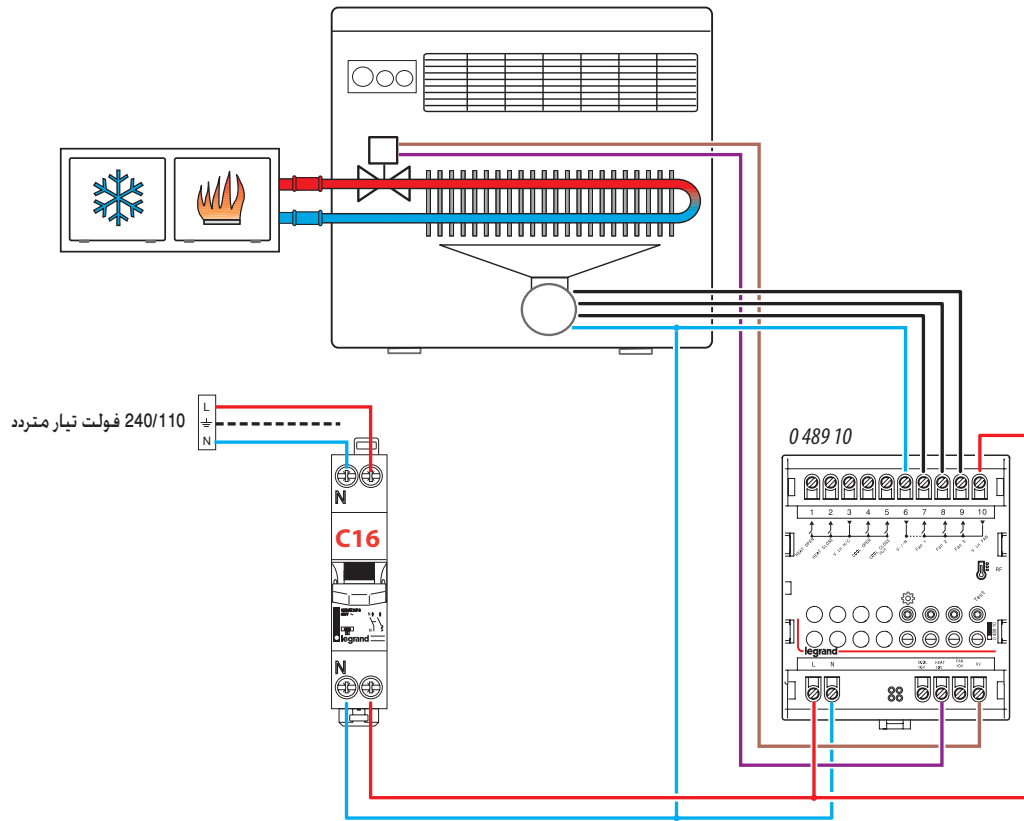


نظام بصمام تشغيل/إيقاف، ومروحة 10-0 فولت

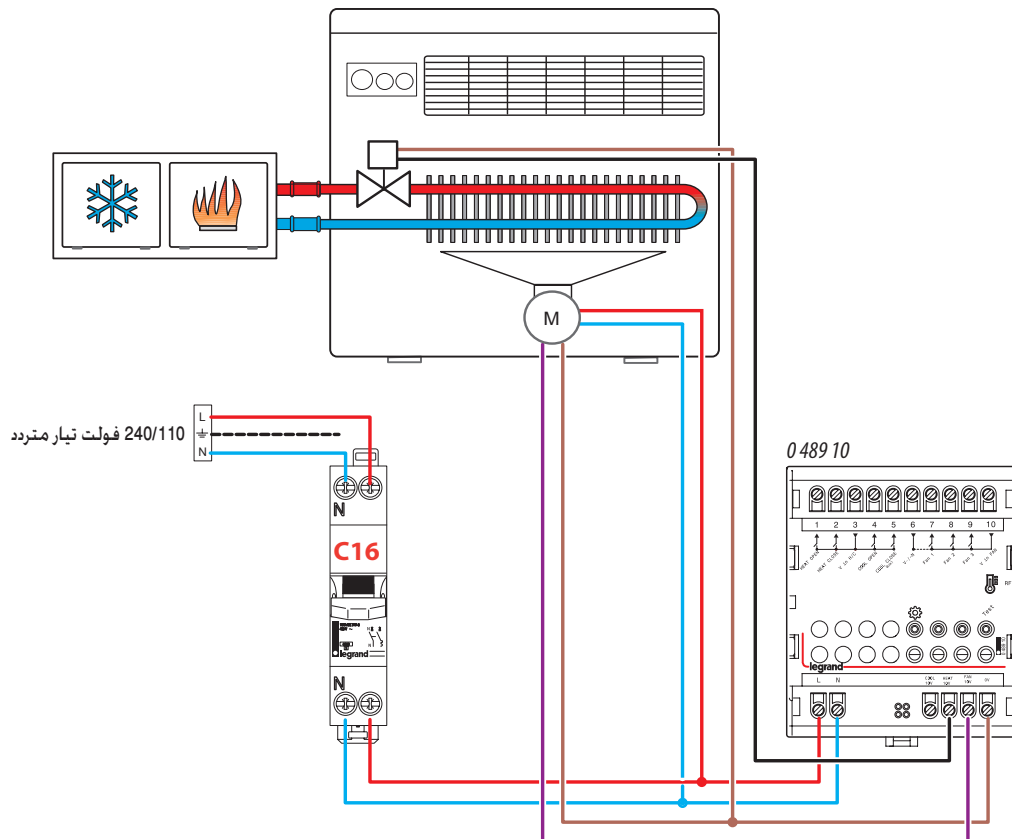
تدفئة فقط - تبريد فقط - تدفئة أو تبريد مع تبديل يدوي.



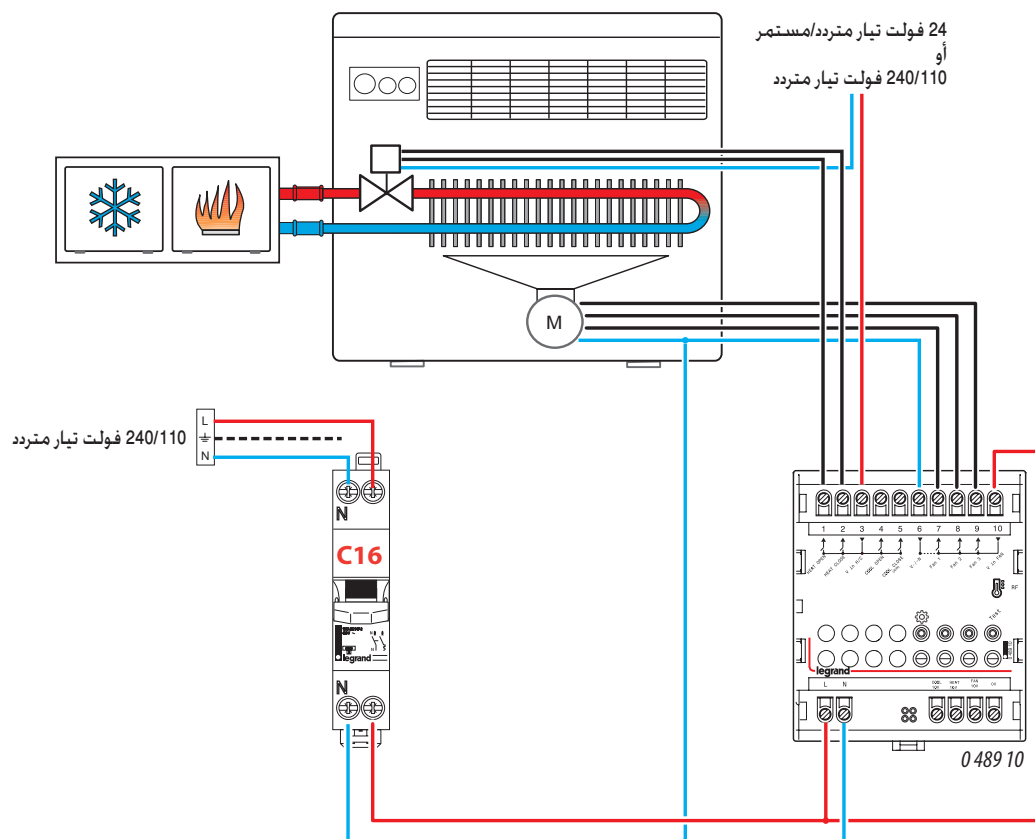
نظام بصمام 10-0 فولت، ومروحة ذات 3 سرعات  
تدفئة فقط - تبريد فقط - تدفئة أو تبريد مع تبديل يدوي



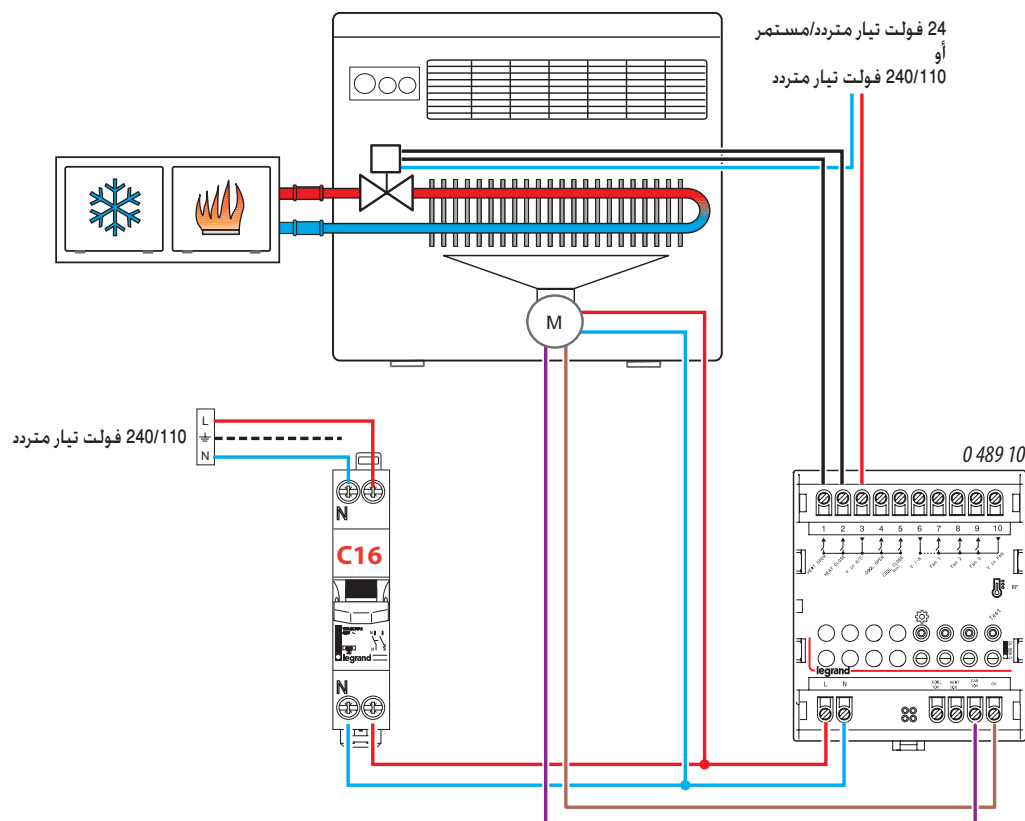
نظام بصمام 0-10 فولت، ومروحة 10-0 فولت



نظام بصمامات ذات 3 نقاط، ومروحة ذات 3 سرعات  
تدفئة فقط - تبريد فقط - تدفئة أو تبريد مع تبديل يدوي.

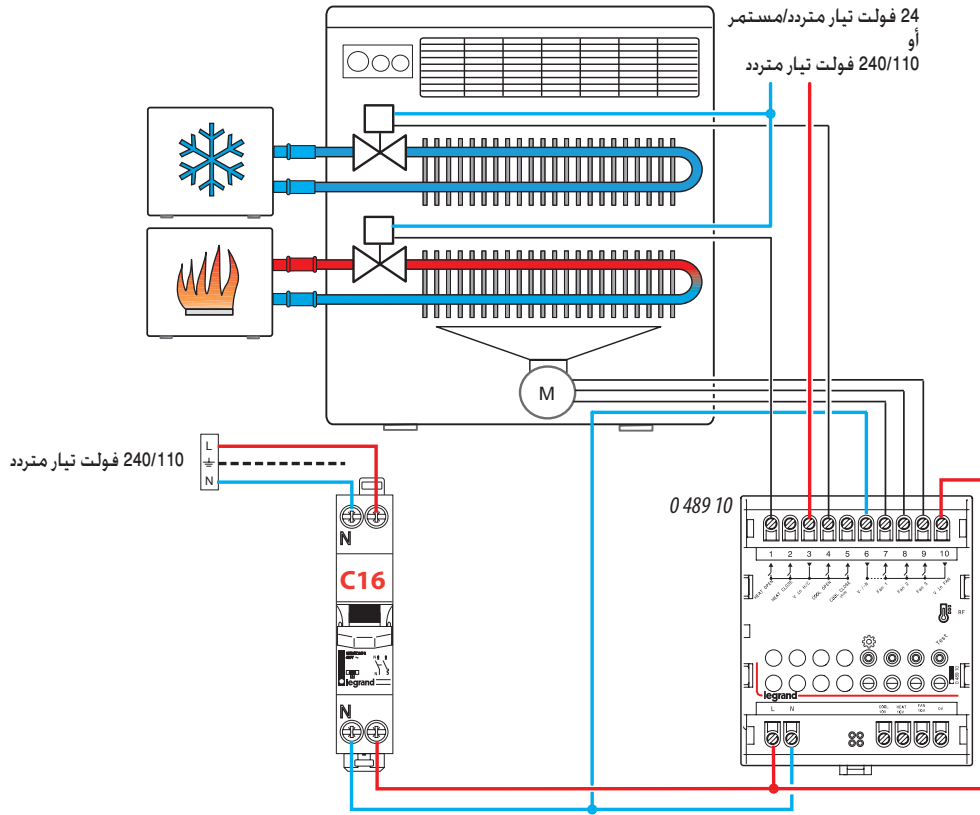


نظام بصمام ذو 3 نقاط، ومروحة 0-10 فولت

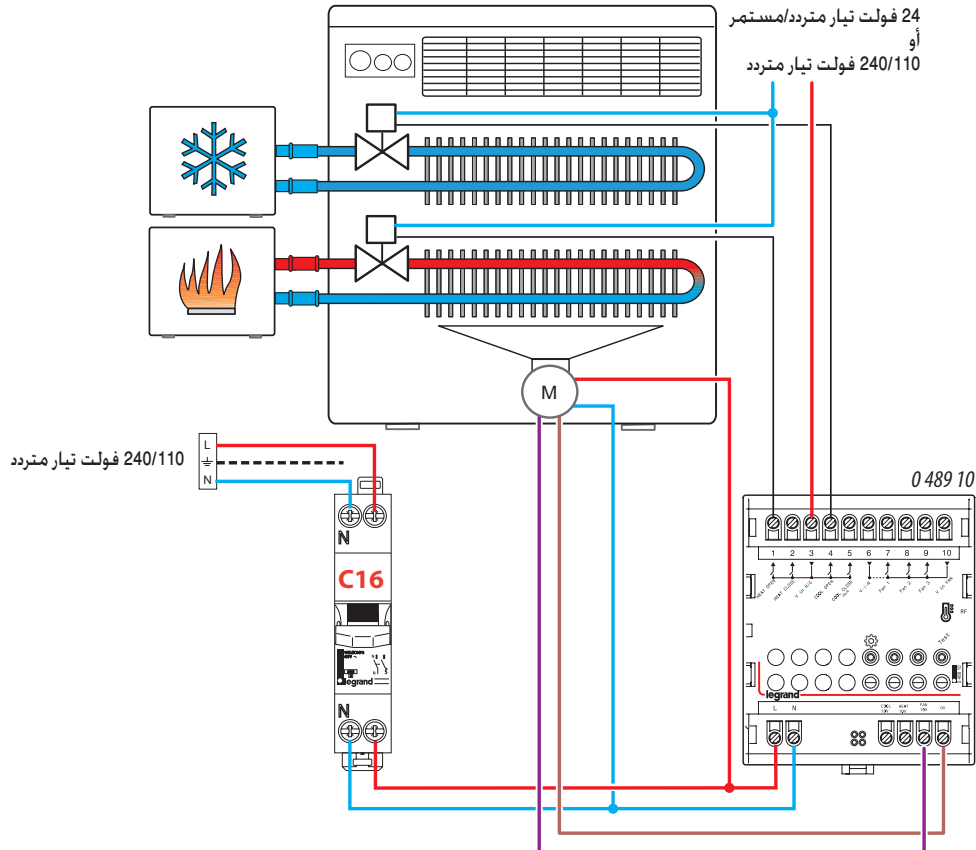


نظام مكون من 1 وحدة ملف مروحي بعدد 4 أنبوبة

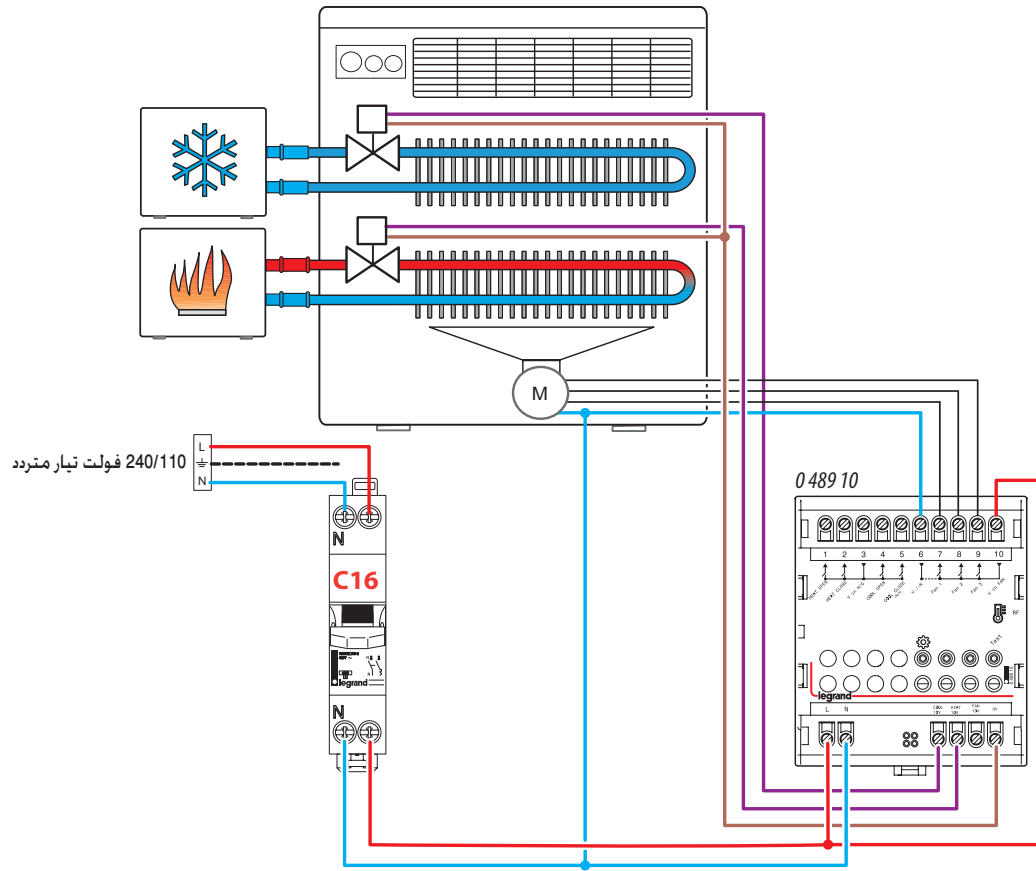
نظام بعدد 2 صمام تشغيل/إيقاف، ومروحة ذات 3 سرعات تدفئة أو تبريد مع تبديل تلقائي أو يدوي.



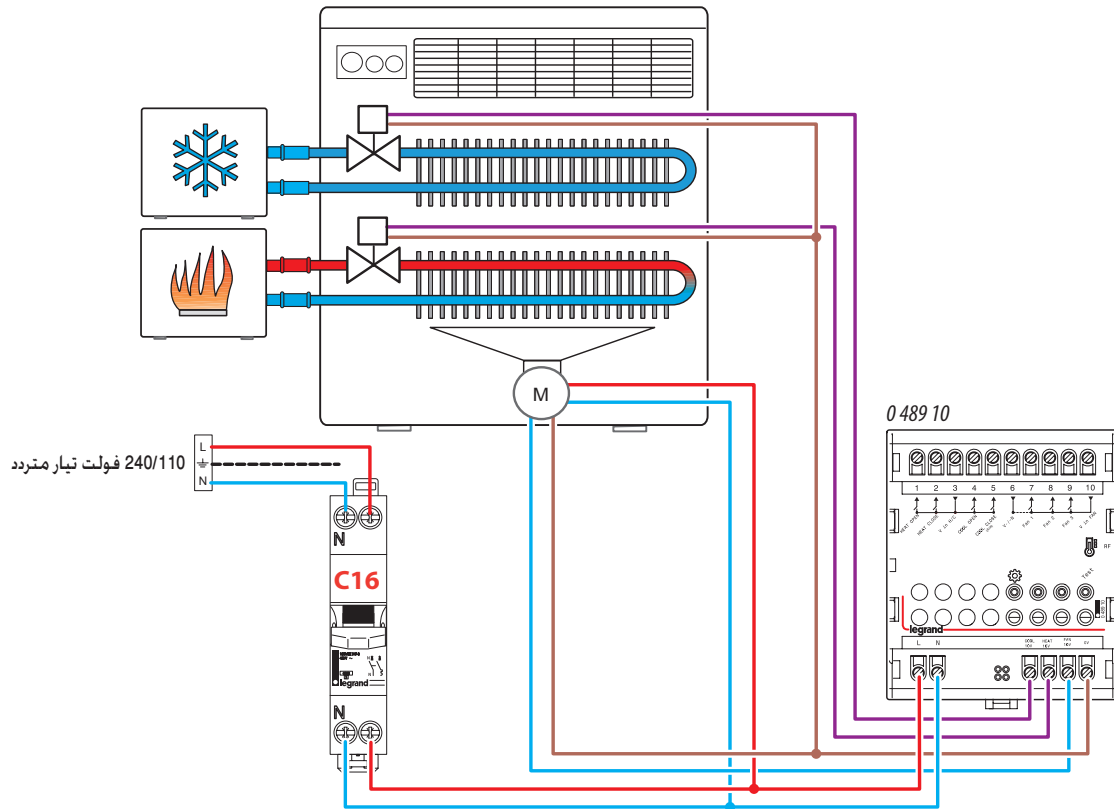
نظام بصمامات تشغيل/إيقاف، ومروحة 10-0 فولت



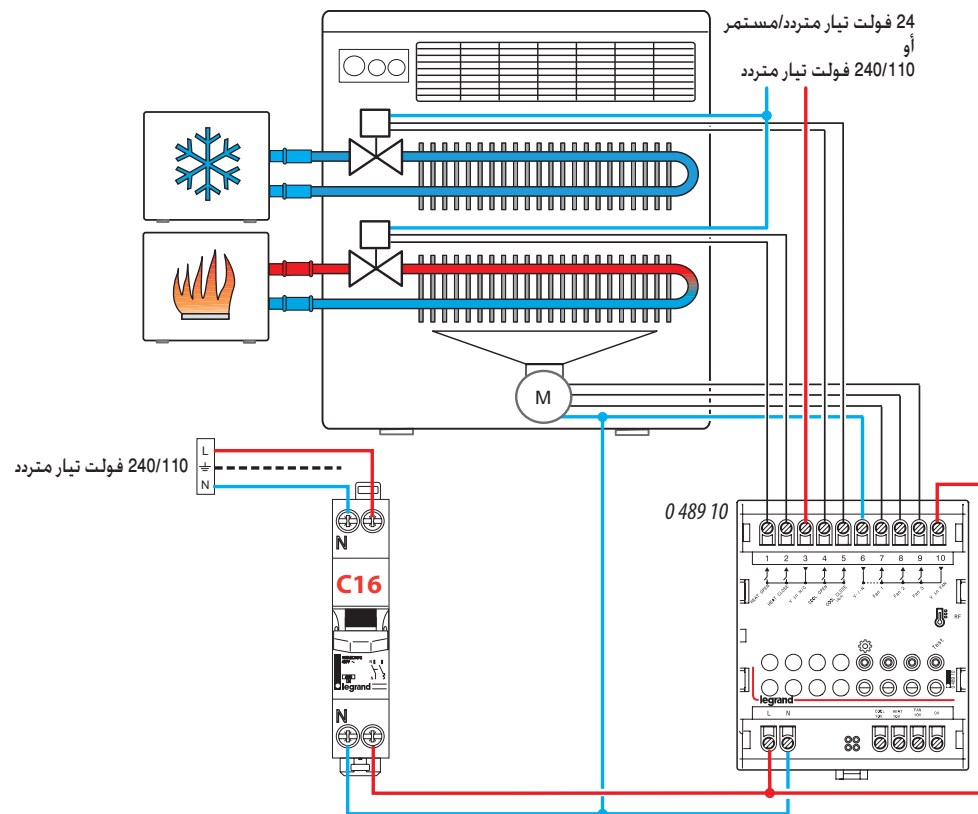
انظمة بصمامات 10-0 فولت، ومروحة ذات 3 سرعات



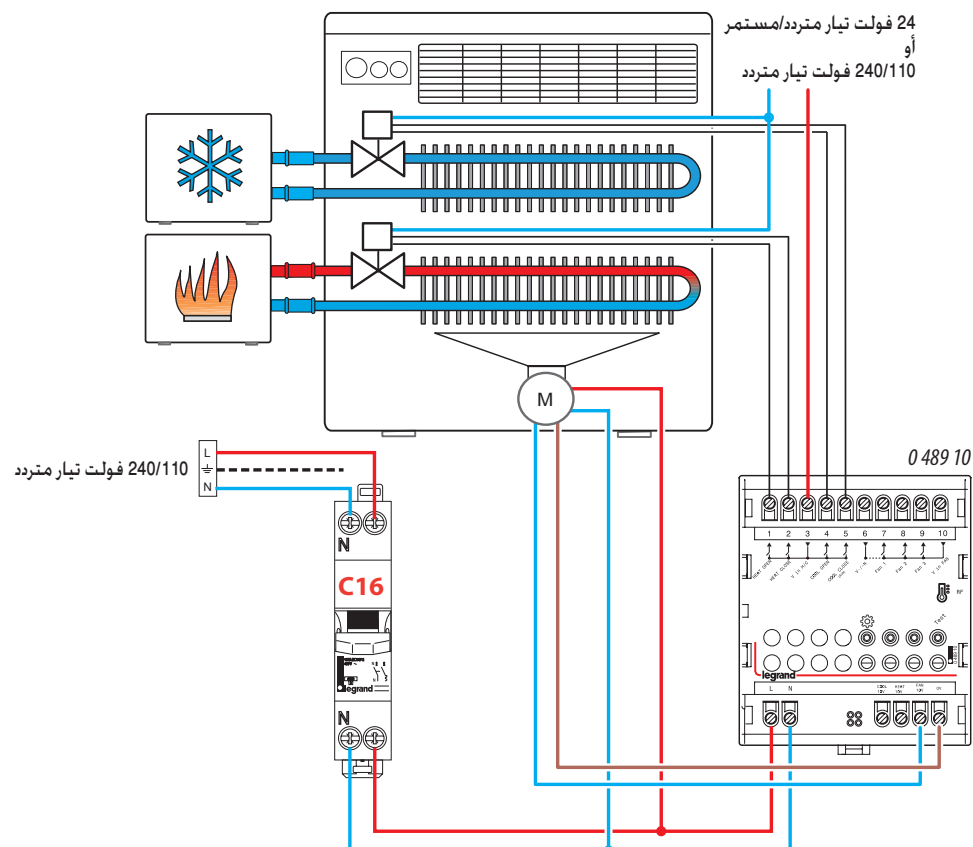
نظمة بصمامات 10-0 فولت، ومروحة 10-0 فولت



أنظمة بصمامات ذات 3 نقاط، ومروحة ذات 3 سرعات



أنظمة بصمات ذات 3 نقاط، ومروحة 10-0 فولت





## الوظائف

- الوظائف المتوفرة:
- الإدارة من تطبيق "Home + Control"
- عرض وتعديل درجة الحرارة
- عرض وتعديل سرعة المروحة
- التنعيز "Boost"
- عرض رطوبة الغرفة
- متوافق مع مساعد جوجل
- متوافق مع أليكسا
- متوافق مع HomeKit

## تراخيص برامج أطراف ثالثة

### FreeRTOS

Version 7.0.1

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By using FreeRTOS, Netatmo offers to provide the FreeRTOS source code (including any modifications we may have made) should you request it.

### Apple WAC POSIX Server

Package: WACServer

Version: WAC\_POSIX\_Server\_1.22

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Version 765.20.4

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Version 1.3.2, 1.4.1

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This file is part of the lwIP TCP/IP stack.

Author: Adam Dunkels <[adam@secs.se](mailto:adam@secs.se)>

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Version 0.1

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This file is part of the lwBT Bluetooth stack.

Author: Conny Ohult <conny@sm.luth.se>

## OpenSSL

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Character types

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