

HUMIDITY CONTROL

BUILT FOR GROW



anden™

WHO WE ARE

Committed to cultivation.
Trusted humidity control for horticulture experts.

WHAT WE PROVIDE

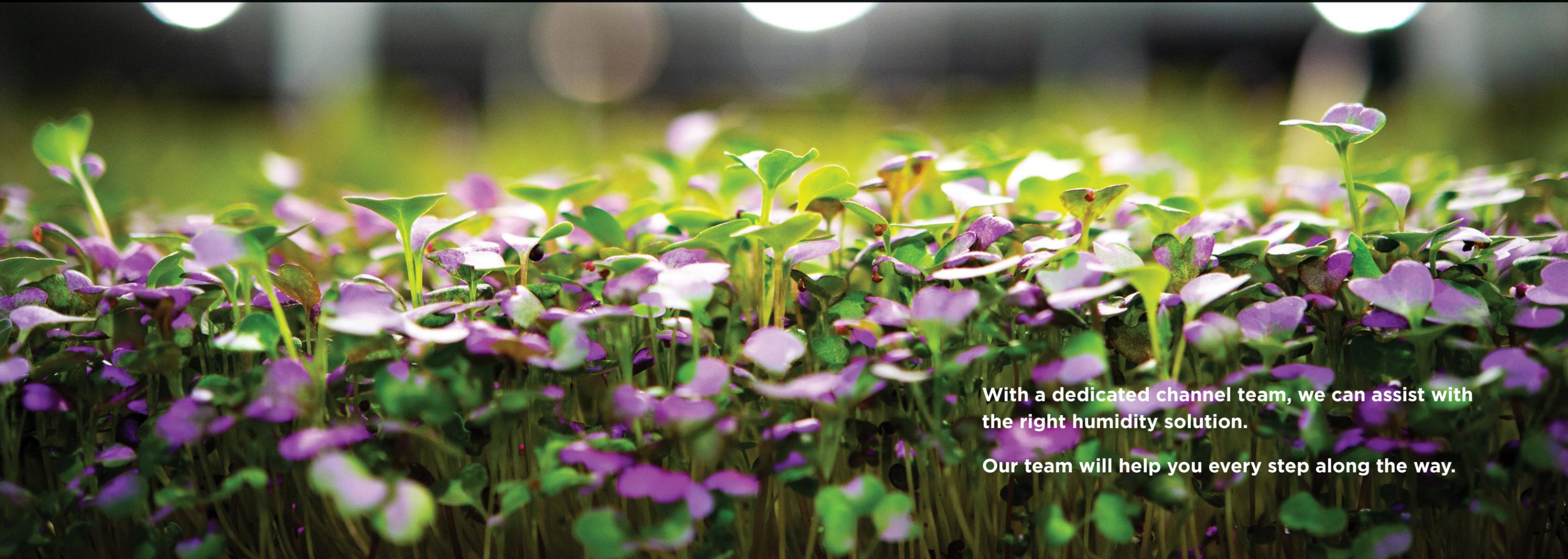
Design solutions for cultivators and engineers—
proven to increase your yield and protect your crop.



APPLICATION GUIDANCE
SUCCESS STARTS WITH PLANNING

**DESIGN & INSTALLATION
EXPERTISE**
UNPARALLELED ACCESS TO
OUR COMPREHENSIVE TEAM OF
HUMIDITY CONTROL EXPERTS

**TECHNICAL & DISTRIBUTION
SUPPORT**
MAKE IT HAPPEN



With a dedicated channel team, we can assist with
the right humidity solution.

Our team will help you every step along the way.

RELATIVE HUMIDITY

Essential to plant health and sustained growth



Whether you are starting seedlings, rooting cuttings or drying, humidity control is critical. Optimizing humidity can increase yield and protect your crop from molds, mildews, and unwanted biological growth. Anden helps create an environment that drives transpiration at an optimal rate, while helping prevent disease outbreaks.

Anden dehumidifiers are **designed and built for grow**, with materials proven to perform in the extreme conditions of the grow room environment. Utilizing Anden dehumidifiers for your grow facility will help ensure you achieve your desired humidity balance for maximum growth potential.

BETTER.

Removes up to 3 liters per kilowatt hour, for maximum energy efficiency.

FASTER.

Reaches peak power for maximum moisture removal—reducing humidity spikes.

SMARTER.

Most intelligent dehumidifier in its class, with on-board and remote monitoring, sensing & diagnostics.

PRODUCTS THAT DELIVER

Better Harvest. Better Yield.



Dehumidifiers ■

Designed for Grow.

Capacities for all sizes and operations.



Humidifiers ▲

Maintain precise RH.

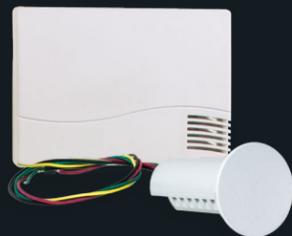
Clean steam with no residue.



Controls ■

Monitor and Control.

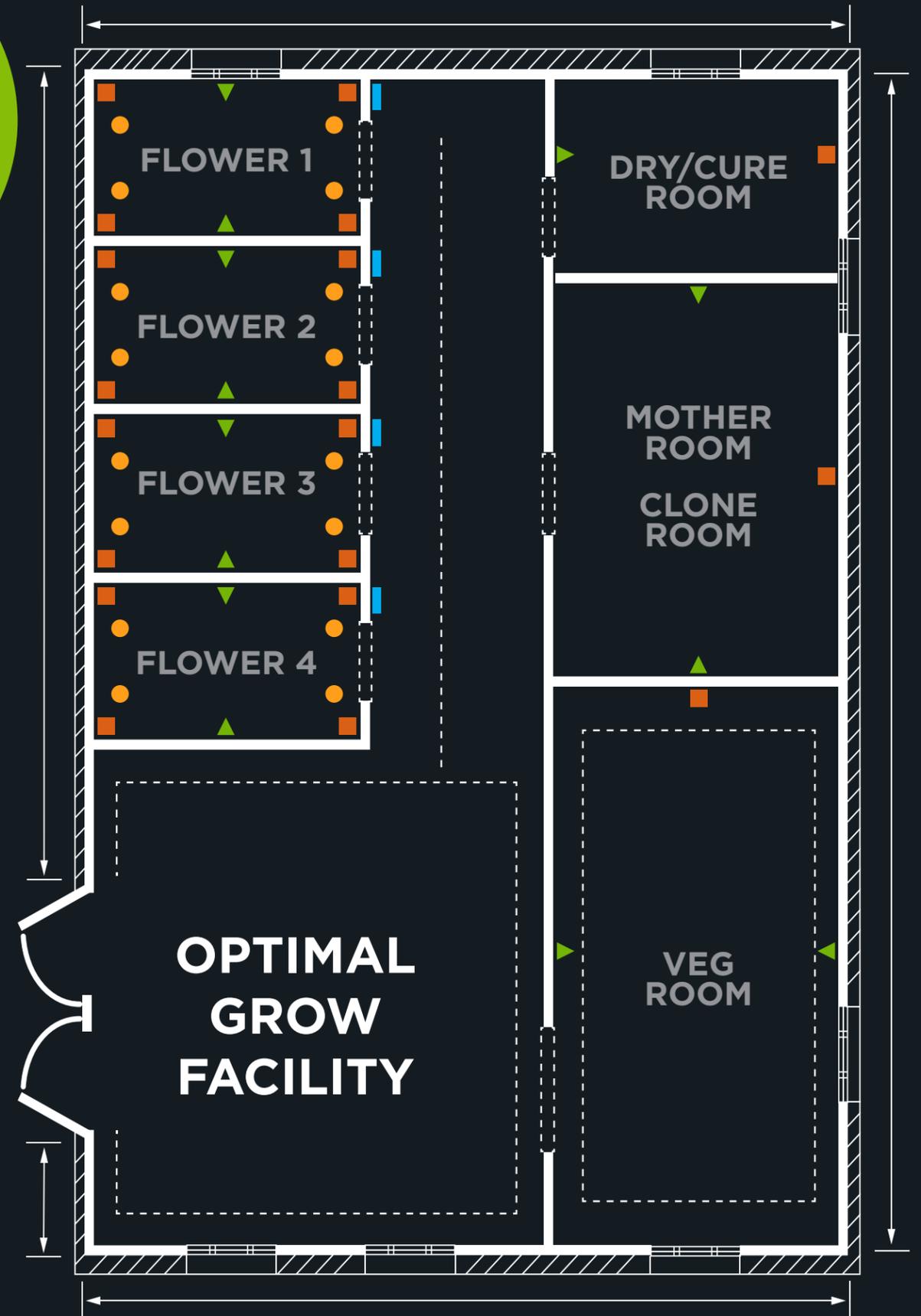
Temperature and RH levels from anywhere.



Sensors ●

Precise Sensing.

Uses up to 4 sensors to eliminate hot and cold spots.





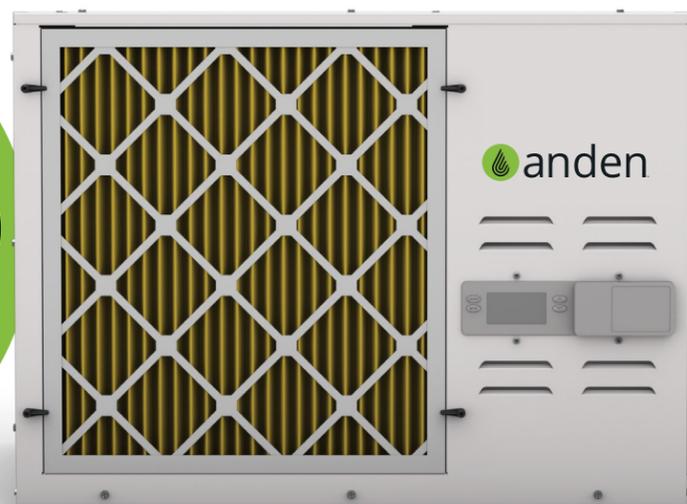
GROW OPTIMIZED INDUSTRIAL



GROW OPTIMIZED

PERFECT FOR THE CRAFT FARMER

210-320
PINTS PER DAY



5

YEAR WARRANTY

Industry Leading Bumper-to-Bumper



PRECISE CONTROL

State-of-the-art digital interface control

USA

DESIGNED, ENGINEERED & ASSEMBLED

In Wisconsin



95

PINTS PER DAY
at 80°F/60%

A95



130

PINTS PER DAY
at 80°F/60%

A130

SPECIFICATIONS

MODEL	ENERGY FACTOR ⁽¹⁾	VOLTAGE, PHASE, FREQUENCY	DIMENSIONS	WEIGHT
210V1	3.0 L/KWH 6.3 PINTS/KWH	208/240VAC, 1 PHASE, 60 HZ	19½" W X 18¾" H X 30½" L	118 LBS.
320V1	2.9 L/KWH 6.0 PINTS/KWH	208/240VAC, 1 PHASE, 60 HZ	32¾" W X 24" H X 24¼" L	180 LBS.
320V3	2.6 L /KWH 5.5 PINTS/KWH	277VAC, 1 PHASE, 60 HZ	32¾" W X 24" H X 24¼" L	180 LBS.

⁽¹⁾Rated capacity and energy factor test done and current draw measured in accordance with AHAM DH-1 2008 at 80°F/60% RH inlet air at 0.0 ESP.

SPECIFICATIONS

MODEL	ENERGY FACTOR ⁽¹⁾	VOLTAGE, PHASE, FREQUENCY	DIMENSIONS	WEIGHT
A70	2.1 L/KWH 4.4 PINTS/KWH	120VAC, 1 PHASE, 60 HZ	12½" W X 12½" H X 25" L	56 LBS.
A95	2.1 L/KWH 4.4 PINTS/KWH	120VAC, 1 PHASE, 60 HZ	12½" W X 14½" H X 27½" L 12½" W X 17½" H X 27½" L (WITH CASTERS)	70 LBS.
A130	2.8 L/KWH 5.9 PINTS/KWH	120VAC, 1 PHASE, 60 HZ	19½" W X 18¾" H X 30½" L 19½" W X 21" H X 30½" L (WITH CASTERS)	113 LBS.-114 LBS.

⁽¹⁾Rated capacity and energy factor test done and current draw measured in accordance with AHAM DH-1 2008 at 80°F/60% RH inlet air at 0.0 ESP.

STEAM HUMIDIFICATION



CONTROLS

Anden systems provide precise and continuous control of indoor environmental conditions crucial to growth cycles. Smart Wi-Fi alerts provide effective and convenient monitoring of conditions anywhere, anytime.



MULTI-SENSOR AVERAGING

Effective humidity control for maximum yield

ANDEN CONTROLS DELIVER ACCURACY WITHIN 3%

Room with Anden	Room without Anden
 <p>75°/40% RH AVERAGE</p>	79°/36% RH
	76°/42% RH
	70°/50% RH



Wi-Fi Model 8840
Color touch screen with multi-equipment control options on the home screen.



Wi-Fi Model 8830
Touchscreen Wi-Fi Automation IAQ Thermostat.



Wi-Fi Model 8820
Easy-to-use touch screen designed for temperature and humidity control.

SPECIFICATIONS

MODEL	CAPACITY ⁽¹⁾	VOLTAGE	DIMENSIONS	WEIGHT
AS35	92-277 PPD	120, 208 OR 240VAC	W: 10 1/8" H: 20 7/8" L: 7 1/8"	23 LBS.
AS35FP	11.5-34.6 GPD			27 LBS.

⁽¹⁾Rated capacity and energy factor test done and current draw measured in accordance with AHAM DH-1 2008 at 80°F/60% RH inlet air at 0.0 ESP.



Model 8082 Sensor
Monitor temperature and humidity in multiple locations. Readings averaged to balance temperature and humidity.



Model 8083 Sensor
Flush temperature and RH module. Averages four temperature and four RH values.



ROOTED IN QUALITY

**Better value, lower costs.
We are committed to the cultivator!**

Tested and proven in the real world. Relied upon by cultivation experts for sizing and application guidance. Design, delivery, installation and set-up, to service, our team will help you every step along the way.

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Every cultivator is growing within specific environmental conditions—temperature and humidity—designed to create specific strains. Unfortunately, when inefficient environmental solutions cause mold and funguses to creep in, they can destroy your crops.

There are only two ways to really eliminate these harmful elements from your grow room:

1. You can use chemicals, which can affect the quality and potency of your yield.
2. The use of engineering controls (humidifier and dehumidifier) to optimize the environment and protect your crop.

Anden products are **designed and built for cultivation**, with materials proven to perform in extreme conditions. Utilizing Anden for your facility will help ensure you achieve your desired humidity balance for maximum growth potential.

Dehumidifier Specifications—Capacities from 70ppd to 320ppd

	Model	Capacity (water removal) @ 80°F/60% RH	Energy factor (efficiency) @ 80°F/60% RH	Power (Watts @ 80°F/60% RH)	Current draw	Voltage, Phase, Frequency	Dimensions: (cabinet only)	Weight	Air filter	Power cord
	A70	70 pints/day	2.1 L/kWh (4.4 pints/kWh)	645	5.8 Amps	120VAC 1 Phase 60 Hz	Width 12½" Height 12½" Length 25"	56 lbs.	MERV 11 disposable	8' 120VAC grounded plug
	A95	95 pints/day	2.1 L/kWh (4.4 pints/kWh)	905	8.0 Amps	120VAC 1 Phase 60 Hz	Width 12½" Height 14½" Length 27½"	70 lbs.	MERV 11 disposable	8' 120VAC grounded plug
	A130	130 pints/day	2.8 L/kWh (5.9 pints/kWh)	920	8.3 Amps	120VAC 1 Phase 60 Hz	Width 19½" Height 18¾" Length 30⅞"	113 lbs.	MERV 11 disposable	8' 120VAC grounded plug
	A210V1	210 pints/day	3.0 L/kWh (6.3 pints/kWh)	1,450	7.1 Amps	208/240VAC 1 Phase 60 Hz	Width 19½" Height 18¾" Length 30⅞"	118 lbs.	MERV 11 disposable	10' 208-240VAC grounded plug
	A320V1	320 pints/day	2.9 L/kWh (6.0 pints/kWh)	2,310	11.1 Amps	208/240VAC 1 Phase 60 Hz	Width 32½" Height 24" Length 24¼"	180 lbs.	MERV 11 disposable	10' 208-240VAC grounded plug
	A320V3	315 pints/day	2.6 L/kWh (5.5 pints/kWh)	2,450	9.2 Amps	277VAC 1 Phase 60 Hz		180 lbs.	MERV 11 disposable	10' 277VAC grounded plug

Model 5660 Hanging Kit for A70 and A95 Models
18" W x 6½" H x 29⅞" L | Weight: 13 lbs. | Working Load: 400 lbs.

Model 5691 Hanging Kit for Model A130
27" W x 10½" H x 35" L | Weight: 18 lbs. | Working Load: 400 lbs.

Models A210 and A320 Hanging Brackets are built in

Model AS35 Specifications



Model AS35 Steam Humidifier
10½" W x 20%" H x 7%" D

Steam Capacity Pints/Day	Voltage	Hertz	Current Draw	
			Amps	kW
92	120V	60 Hz	11.5	1.4
128			16.0	1.9
164	208V	60 Hz	11.5	2.4
240			16.0	3.3
186.4	240V	60 Hz	11.5	2.8
276.8			16.0	3.8

Model AS35FP includes



Model AS35 Steam Humidifier
10½" W x 20%" H x 7%" D



Fan Pack
14" W x 6%" H x 3%" D
FINISHED GRILLE
16⅓%" W x 9" H x 1%" D



Model 5558 Digital Humidistat
2⅞" W x 4⅞" H x 1" D



Steam Hose 6'
Drain Tubing 10'

Controls



Wi-Fi Model 8840



Wi-Fi Model 8830



Wi-Fi Model 8820



Model 8082 Sensor



Model 8083 Sensor



Model A77 Control