

PRODUCT GUIDE



NEW FOR 2025

FLEXCOIL A2L & LEGACY A1 MODELS

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WHY ADP?

Advanced Distributor Products (ADP) started with a vision to produce the best evaporator coils in the country. In 1992, ADP began production in Grenada, Mississippi, and started developing innovative products that are fully supported by a research and development laboratory, which includes areas for testing, assembling, and designing future products.

Today, ADP offers a wide range of premier HVAC products with exclusive design advantages. We pride ourselves on our quality, flexibility, and solutions. We design our products to fit any application and simplify installation. And we're always open to new partnerships with businesses and the communities we serve.



- Leading US manufacturer of evaporator coils and air handlers
- Built to the highest quality standards
- Microban® antimicrobial technology
- Advanced performance testing simulation software



FLEXIBILITY

- Broadest product line in the industry – thousands of variations available
- Products designed to match perfectly with any system
- Personalized programs for distributor partners
- Custom product strategies to meet local needs



SOLUTIONS

- Short lead times
- Low warranty rates with simple claim process
- Insights from industry experts
- Focused on distributor and dealer success
- Quick and easy installation in the field



THE ADP ADVANTAGE

There's a reason ADP is the #1 producer of evaporator coils in the USA. Our coils are designed to match perfectly with any system, excelling in appearance and performance. And our coil line can accommodate any application need.

ALL ADP EVAPORATOR COILS OFFER



Innovative and efficient designs that maintain a minimal footprint



Installation flexibility and efficiency



Increased system performance



Available 10-year extended warranty with registration



Out-of-the-box installation



Industry-exclusive Microban® anti-microbial product protection on every Healthy Solutions® coil



Factory installed TXV's with bolt on connections



Both copper and aluminum coils available

EVAPORATOR COIL APPLICATION

An evaporator coil plays a crucial role in the operation of an air conditioner or heat pump by gently drawing warmth from the air within the home. It's positioned within the air handler or connected to the furnace.

Nestled within the blower compartment or air handler, the evaporator coil serves as a reservoir for the cooled refrigerant that the compressor sends its way. As the blower fan guides air over the coil, the refrigerant's chilly temperature effectively extracts heat from your indoor air, leaving you with a more comfortable environment. Subsequently, the refrigerant, now carrying the warmth it collected, embarks on a journey to the outdoor condenser coil. In the case of a heat pump, this process takes on a role reversal during winter. Here, the evaporator coil releases heat from the refrigerant into your home, counteracting the chill instead of sending it outside.

In this way, the evaporator coil silently contributes to the coziness of your living spaces while also being versatile enough to adapt to seasonal variations in temperature.







WHAT IS FLEXCOIL?

FlexCoil is ADP's A2L solution that works with both R-32 and R-454B. ADP's FlexCoil is designed to help HVAC distributors and dealers succeed during this year's refrigerant transition.

WHAT MAKES FLEXCOIL THE RIGHT CHOICE?



Flexibility for distributors

Maximizes inventory flexibility:
 The same coil can be used for R-32 or R-454B with just a metering device change



Easy installation for dealers

- Provides a full line of coils certified for both A2L refrigerants
- Field or factory-installed Refrigerant Detection System (RDS)
 - Single RDS with dual-calibrated sensor for both R-32 and R-454B
 - Field RDS offers one kit with everything needed to make an easy refrigerant change
- All ADP FlexCoil products come with the sensor bracket preinstalled in the approved location and have mechanical fit connections to install or change the metering device, such as a TXV

WHEN WILL FLEXCOIL BE AVAILABLE?

FlexCoil is available now! Contact your ADP sales representative for more details.

Factory Refrigerant	Factory RDS
R-32	Yes
R-32	No
R-454B	Yes
R-454B	No

Field TXVs	Field RDS
R-32	Dual: R-32 & R-454B
R-454B	



Scan to learn more about ADP's FlexCoil

EVAPORATOR COIL PRODUCT OFFERING

FlexCoil A2L + Legacy A1 models available

Multi-Position & Dedicated Downflow

HE & Dedicated Downflow Series

Lower heights and variable widths for a perfect furnace fit



Horizontal Top Connection

V Series

Dedicated horizontal coils offer strategic attic solutions over standard MP coils



Horizontal Side Connection

HD Series

Dedicated horizontal coils offering the perfection solution for crawl spaces



Plenum Coil

PL Series

Dedicated horizontal coil with an integrated plenum for fast installation



Horizontal Slab

HH Series

Dedicated horizontal slab coils great for replacement of legacy applications



Manufactured Housing

M Series

Mobile home applications with sized out down-turned headers for easy line brazing



Service Coils

SC Series

Service coils offering the perfect replacement for 8-12 SEER coils





EVAPORATOR COIL PRODUCT COMPARISON

Series	HE Series	Downflow	V Series	HD Series	PL Series	M Series	HH Series
DESCRIPTION	Multi-Position	Dedicated Downflow	Horizontal Coil	Horizontal Coil	Horizontal Coil	Manufactured House	Horizontal Coil
FLEXCOIL A2L							
R-32	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
R-454B	✓	\checkmark	✓	\checkmark	\checkmark	✓	\checkmark
LEGACY A1							
R-410A	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
R-22	✓	\checkmark	✓	✓	✓	✓	✓
WARRANTY							
Extended Warranty Available	✓	✓	✓	✓	✓	✓	✓
COIL FEATURES							
Aluminum Coil	\checkmark	\checkmark	\checkmark		\checkmark		
Copper Coil	\checkmark	\checkmark	\checkmark	\checkmark		\checkmark	\checkmark
APPLICATION							
Vertical Upflow/Downflow	✓	Down- flow				✓	
Horizontal Right/Left	✓		✓	\checkmark	\checkmark		\checkmark
AC/HP	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark
Cased	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark		\checkmark
Uncased	\checkmark					\checkmark	
CABINET							
Embossed	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark		\checkmark
Painted	\checkmark		\checkmark				
DRAIN PAN							
Microban [®] Antimicrobial	✓	\checkmark	✓	✓	✓		✓
UV Resistant	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark		\checkmark
Sloped Design	\checkmark	\checkmark	\checkmark		\checkmark	\checkmark	
METERING (Also availa							
Piston	✓	\checkmark	\checkmark	\checkmark	\checkmark	✓	✓
TXV	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark

[✓] Available factory installed









MULTI-POSITION - HE SERIES

FLEXCOIL A2L & LEGACY A1 MODELS

Scan the QR code to learn more







Lower heights and variable widths for a perfect furnace fit

Cased, uncased, multi-position and upflow/downflow configurations

Built-in plenum flanges with rounded corners for fast and safe installation

Front panel with only four screw access and non-captive refrigerant lines for fast and easy coil access

Available in copper or aluminum

Painted cabinet options for furnace color coordination



Microbes can double every 20 minutes on an untreated surface!



Standard plastic pan with visible mold



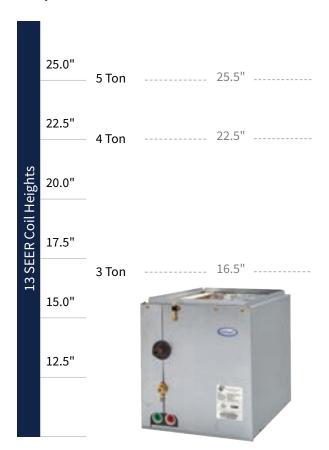
Plastic pan with Microban° antimicrobial additive

Mold is part of our environment and there are no practical ways to completely eliminate mold spores.

The best defense against mold in a home is to prevent it from taking hold through moisture control and the use of mold resistant building materials.

Lower Height

ADP provides space saving opportunities and a perfect fit with your furnace!



Н	G 32	1	24	D	145	В	12	05	N
Cabinet Color	Slab No.	Refrigerant Type & Metering Device (Field Configurable)	Nominal MBTUH	Cabinet Depth	Width	Cabinet Upper Notch	Cabinet Height	Configuration	Refrigerant Detection System (Field Configurable)
H = Embossed A = Armstrong G = ICP J = Goodman/ Amana N = Nordyne P = Carrier/ Bryant/ Payne R = Rheem/Ruud T = Trane/ American Standard Y = York/Luxaire Coleman	E & A = Copper slab G = Aluminum slab			A = Uncased C = 20.5" ² D = 21.0" E = 21.5"	Cased 140 = 14.0" 142 = 14.25" 145 = 14.5" 175 = 17.5" 210 = 21.0" 245 = 24.5" 255 = 25.5" Uncased 130 = 13.0" 140 = 14.0" 155 = 15.5" 170 = 17.0" 200 = 20.0" 205 = 20.5" 235 = 23.5"	A = Uncased B = 0.75" (Standard)	00 = Uncased 12 = 12.5" 16 = 16.5" 18 = 18.5" (up to 31.5")	00 = Right-hand uncased 01 = Right-hand cased 04 = Left-hand uncased 05 = Left-hand cased 20 = Right-hand cased multi-position 22 = Left-hand cased multi-position	R = Included (Factory Installed) N = Not Included (Field Installed)

^{*}Typical A2L nomenclature shown, see spec guide for full details nomenclature including for A1 models. Piston will always be sized to match the nominal BTU rating of the coil.

2 "C" depth not available with aluminum slabs. See Spec Guide for additional nomenclature details.

DEDICATED DOWNFLOW

FLEXCOIL A2L & LEGACY A1 MODELS

Scan the QR code to learn more





Short height to fit constrained spaces

Fits furnace with no additional support needed

Better air flow for higher performance versus N-coil

Out-of-the-box reliable downflow solution and no kit needed

Front panel with only six screws for fast and easy coil access; non-captive refrigerant lines



Perfect Fit

- Full depth cabinet for a sturdy installation
- Perfect width fit for a cleaner design
- Braced cabinet for added strength



Short Height

- Fits in height constrained spaces
- Space savings opportunities



^{*} See spec guide for available models

Α	24	VAC	1	X	R	17	D	N
Series	Nominal MBTUH	Slab Number	Refrigerant Type & Metering Device (Field Configurable)	Cabinet Color	Cabinet Depth	Cabinet Width	Configuration	Refrigerant Detection System (Field Configurable)
A = Vertical		VAC, VBC. VCC, etc. = Copper Slab VAA, VBA. VCA, etc. = Aluminum Slab	1 = Piston ¹ A = R-454B Non-bleed HP-A/C TXV B = R-32 Non-bleed HP-A/C TXV C = R-454B Bleed HP-A/C TXV	X = Embossed	R = 26.5"	14 = 14.5" 17 = 17.5" 21 = 21.0" 24 = 24.5"	D = Downflow	R = Included (Factory Installed) N = Not Included (Field Installed)

^{*}Typical A2L nomenclature shown, see spec guide for full details nomenclature including for A1 models 'Piston will always be sized to match the nominal BTU rating of the coil.

See Spec Guide for additional nomenclature details.

HORIZONTAL TOP CONNECTION - V SERIES

FLEXCOIL A2L & LEGACY A1 MODELS

Scan the QR code





Dedicated horizontal coils offer strategic attic solutions over standard MP coils

Top refrigerant connections eliminating counter flow and line re-routing

Dual condensate drains on each side for additional installation flexibility

Top panel with only four screws for fast and easy coil access

Available in copper or aluminum

Painted cabinet options for furnace color coordination



Microbes can double every 20 minutes on an untreated surface!



Standard plastic pan with visible mold



Plastic pan with Microban° antimicrobial additive

Mold is part of our environment and there are no practical ways to completely eliminate mold spores.

The best defense against mold in a home is to prevent it from taking hold through moisture control and the use of mold resistant building materials.

Perfect Attic Solution

Dedicated horizontal coils offer a quality advantage over standard multi-position coils!



Perfect Furnace Fit

Coil height matches furnace width, no adapter required

5 Ton Attic Access

21" solution easily passes through 22" attic opening

Top Refrigerant Connections

Eliminates counter flow and line re-routing

V	24	Н	145	D12	1
Cabinet Color	Nominal MBTUH	Coil Type	Cabinet Height	Slab Number	Metering Device
V = Embossed A = Armstrong C = Carrier/Bryant/Payne D = Ducane/Aire-Flo G = ICP J = Goodman/Amana N = Nordyne P = Carrier/Bryant/Payne R = Rheem/Ruud T = Trane/American Standard Y = York/Luxaire/Coleman		H = Horizontal A-Coil	145 = 14.5" 175 = 17.5" 210 = 21.0" 245 = 24.5" 252 = 25.25"	D = Copper Slab P = Aluminum Slab	1 = Piston ¹

^{*}Typical A2L nomenclature shown, see spec guide for full details nomenclature including for A1 models 'Piston will always be sized to match the nominal BTU rating of the coil.

See Spec Guide for additional nomenclature details.

PLENUM COIL - PL SERIES

FLEXCOIL A2L & LEGACY A1 MODELS

Scan the QR code to learn more





Dedicated horizontal coil with Integrated plenum for fast installation

Built-in handle allows for easy lifting through tight spaces, such as an attic

Top refrigerant connections and dual condensate drains for installation flexibility

Top panel with only four screw access and UV light knockouts for installation flexibility

Pilot holes for fast secondary drain pan attachment



Microbes can double every 20 minutes on an untreated surface!



Standard plastic pan with visible mold



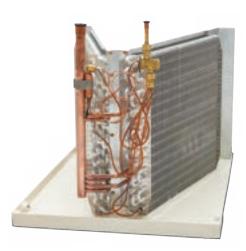
Plastic pan with Microban° antimicrobial additive

Mold is part of our environment and there are no practical ways to completely eliminate mold spores.

The best defense against mold in a home is to prevent it from taking hold through moisture control and the use of mold resistant building materials.

All-in-One Solution

ADP provides a light weight plenum coil solution with premier features and benefits!



Mobility

Light weight aluminum evaporator coils with aluminum header plates

Attic Access

Built-in handle allows easy lifting through tight spaces

Top Refrigerant Connections

Eliminates counter flow and line re-routing

PL	24	н	145	P12	1	35	N
Cabinet Type	Nominal MBTUH	Coil Type	Coil Height	Slab Number	Refrigerant Type & Metering Device (Field Configurable)	Cabinet Length	Refrigerant Detection System (Field Configurable)
PL = Plenum		H = Horizontal Coil	145 = 14.5" 175 = 17.5" 210 = 21.0" 245 = 24.5"	P13 P14 P16 etc.	1 = Piston ¹ A = R-454B Non-bleed HP-A/C TXV B = R-32 Non-bleed HP-A/C TXV C = R-454B Bleed HP-A/C TXV	35 40	R = Included (Factory Installed) N = Not Included (Field Installed)

^{*}Typical A2L nomenclature shown, see spec guide for full details nomenclature including for A1 models 'Piston will always be sized to match the nominal BTU rating of the coil.

See Spec Guide for additional nomenclature details.

HORIZONTAL SIDE CONNECTION - HD SERIES

FLEXCOIL A2L & LEGACY A1 MODELS

Scan the QR code





Dedicated horizontal coils offering the perfection solution for crawl spaces

Counterflow capable to meet any airflow direction

Side refrigerant connections for easy access to coil

Built-in plenum flanges with rounded corners for fast and safe installation

Available in copper or aluminum



Microbes can double every 20 minutes on an untreated surface!



Standard plastic pan with visible mold



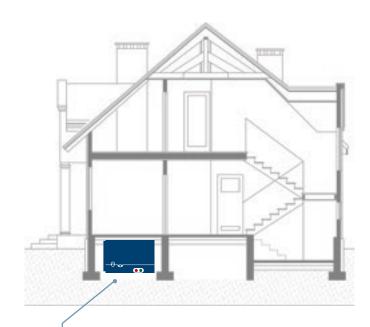
Plastic pan with Microban° antimicrobial additive

Mold is part of our environment and there are no practical ways to completely eliminate mold spores.

The best defense against mold in a home is to prevent it from taking hold through moisture control and the use of mold resistant building materials.

Crawl Space Solutions

Dedicated horizontal with side refrigerant connections are perfect for crawl space application!



Low Height
Perfect for crawl space under houses
Side Refrigerant Connections

Easy to access coil

Н	1	Α	24	E	145	В	21	47	N
Cabinet Color	Slab Number	Refrigerant Type & Metering Device (Field Configurable)	Nominal MBTUH	Cabinet Width	Cabinet Height	Duct Flange	Cabinet Length	Product Code	Refrigerant Detection System (Field Configurable)
H = Embossed A = Armstrong C = Carrier/Bryant/ Payne G = ICP J = Goodman/Amana N = Nordyne R = Rheem/Ruud T = Trane/American Standard Y = York/Luxaire/ Coleman	D = Copper Slab P = Aluminum Slab	1 = Piston ¹ A = R-454B Non-bleed HP-A/C TXV B = R-32 Non-bleed HP-A/C TXV C = R-454B Bleed HP-A/C TXV		E = 21.5" (Standard)	145 = 14.5" 175 = 17.5" 210 = 21.0" 245 = 24.5"	B = 0.75" (Standard)	21 = 21.5" 26 = 26.5" 31 = 31.5"	47 = Side refrigerant connections	R = Included (Factory Installed) N = Not Included (Field Installed)

^{*}Typical A2L nomenclature shown, see spec guide for full details nomenclature including for A1 models ¹Piston will always be sized to match the nominal BTU rating of the coil.

See Spec Guide for additional nomenclature details.

HORIZONTAL SLAB - HH SERIES

FLEXCOIL A2L & LEGACY A1 MODELS



Scan the QR code



Great for replacement of legacy applications

Dedicated Horizontal slab coils

Bi-directional airflow for installation flexibility

Available with piston or TXV factory installed



Microbes can double every 20 minutes on an untreated surface!





Mold is part of our environment and there are no practical ways to completely eliminate mold spores.

The best defense against mold in a home is to prevent it from taking hold through moisture control and the use of mold resistant building materials.



Factory installed TXV's with bolt on connections

Н	H57	1	24	А	185	Α	21	02	N
Cabinet Color	Slab Number	Refrigerant Type & Metering Device (Field Configurable)	Nominal MBTUH	Cabinet Depth	Cabinet Opening	Airflow	Cabinet Height	Product Code	Refrigerant Detection System (Field Configurable)
H = Embossed		1 = Piston ¹ A = R-454B Non-bleed HP-A/C TXV B = R-32 Non-bleed HP-A/C TXV C = R-454B Bleed HP-A/C TXV		A = 10"	185 = 18 5/8" 225 = 22 5/8" 265 = 26 5/8" 305 = 30 5/8" 365 = 36 5/8" 425 = 42 5/8"	A = Bi-directional airflow	21 = 21 1/4"	02 = Cased "H"	R = Included (Factory Installed) N = Not Included (Field Installed)

^{*}Typical A2L nomenclature shown, see spec guide for full details nomenclature including for A1 models 'Piston will always be sized to match the nominal BTU rating of the coil.

See Spec Guide for additional nomenclature details.

MANUFACTURED HOME - M SERIES

FLEXCOIL A2L & LEGACY A1 MODELS







Designed for manufactured housing applications - Works perfectly with our mFurnace manufactured housing electric furnace

Filter friendly top plate

Sized out down-turned headers for easy line brazing

Coils charged with dry air for greater flexibility with both R-22 and R-210A applications

Low water retention drain pan design with built-in downflow drip shields



Blow-off Protection & Improved Air Quality

ADP provides enhanced protection to prevent condensate blow-off and improve overall air quality. Our manufactured housing evaporator coils are designed to remove unhealthy standing water from the drain pan.



Reduce Condensate Blow-off

Specially designed downflow drain pan for added protection

Reduced Installation Time

Drip shield molded into pan, no installation required

Sloped Drain Pan

Superior drainage versus standard manufactured housing coils

Moisture Control

Reduced opportunities for growth of mold and bacteria due to standing water

М	24	E32	1	N
Series	Nominal MBTUH	Slab No.	Refrigerant Type & Metering Device (Field Configurable)	Refrigerant Detection System (Field Configurable)
M = Manufactured Housing (Uncased)		E30 E31 etc.	1 = Piston ¹ A = R-454B Non-bleed HP-A/C TXV B = R-32 Non-bleed HP-A/C TXV C = R-454B Bleed HP-A/C TXV	R = Included (Factory Installed) N = Not Included (Field Installed)

^{*}Typical A2L nomenclature shown, see spec guide for full details nomenclature including for A1 models 'Piston will always be sized to match the nominal BTU rating of the coil.

See Spec Guide for additional nomenclature details.

SERVICE COILS

Scan the QR code to learn more





Perfect replacement for 8-12 SEER coils

Sized for legacy installations

Same features as rated coils

Embossed cabinets for universal furnace match

Supplied with pistons for both R-22 and R-410A application



The Premier Replacement Coil for Any System

- Service coil for indoor coil replacement only; for new systems, please see our Premier Evaporator Coil product line
- Same features as rated coils
- Perfect replacement for 8-12 SEER coils

- Sized for legacy installations
- Supplied with pistons for both R-22 and R-410A applications
- Access port for easy TXV installation
- "No Hassle" 5-year warranty

Nomenclature

S	24	R	145			
Product Line	Nominal MBTUH	Configuration	Width/Height			
S = Service Coil		R = Right Hand Upflow (CU) L = Left Hand Upflow (CU) H = Horizontal (AL) S = Horizontal Slab (CU) (Multi-position option not available)	145 = 14.5" 175 = 17.5" 210 = 21.0" 245 = 24.5"	Uncased 130 = 13.0" 140 = 14.0" 155 = 15.5" 170 = 17.5" 200 = 20.0"	Horizontal 145 = 14.5" 175 = 17.5" 210 = 21.0" 245 = 24.5"	Slab 187 = 18.75" 227 = 22.75"

See Spec Guide for additional nomenclature details.

Upflow Specifications

Model	Cased Width			Uncased Width					
Number	14.5"	17.5"	21"	24.5"	13"	14"	15.5"	17"	20"
S 24 (R,L)	х				х	х			
S 30 (R,L)	х	х			х	х	х		
S 36 (R,L)	х	х	х			х	х	х	
S 42 (R,L)		х	х				х	х	
S 48 (R,L)		х	х					х	х
S 60 (R,L)			х	х					х

Piston Kit Sizes

мвтин	R-22	R-410A
24	59	53
30	67	59
36	73	67
42	80	73
48	84	76
60	93	93

Model	Horizontal						
Number	14.5"	17.5"	21"	24.5"			
S 24 H	х						
S 36 H	х	х					
S 48 H		х	х				
S 60 H			х	х			

Horizontal Specifications Horizontal Slab Specifications

Model Number	Low Profile 18.75" Slab			Standard 22.75" Slab			
	23"	27"	35"	23"	27"	35"	47"
S 24 S	х			х			
S 36 S		х			х		
S 48 S			х			х	
S 60 S			х				х





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in

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