



INNOVATIVE IDEAS IN AIR CONDITIONING



SLIM4

PRODUCT CATALOG



SCAN FOR PRODUCT INFORMATION



INVERTER

R454B



AIRI CERTIFIED

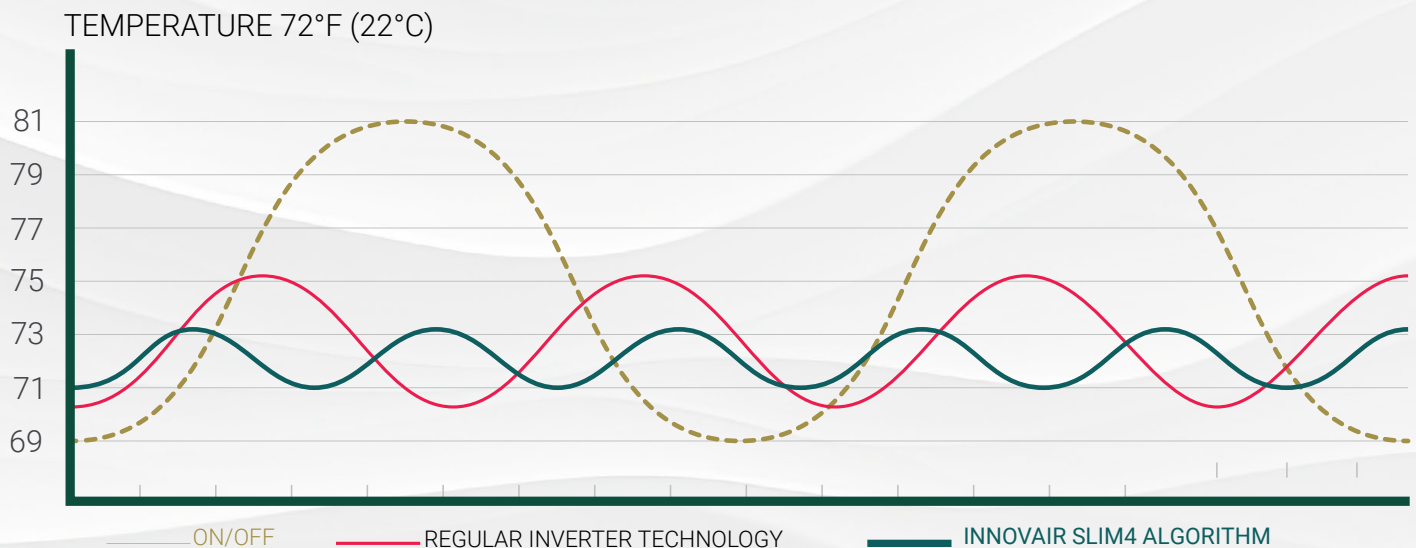


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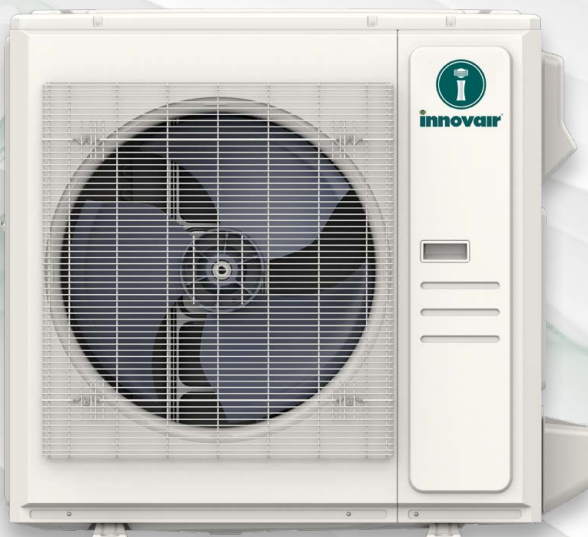
Optimized Way to Improve Your Comfort

ADVANCED INVERTER CONTROL CORE FEATURE

The Innovair SLIM4 Algorithm refines indoor temperature analysis and dynamically adjusts the compressor to reduce temperature variations. Compared to conventional inverter technology, SLIM4's advanced inverter system delivers enhanced temperature precision, maintaining a consistently comfortable indoor environment.



SLIM4 HEAT PUMP



ADVANCED HEAT PUMP TECHNOLOGY: SLIM4 & SLIM4+

Conventional heat pump systems often struggle in extremely cold environments, frequently experiencing system lockouts or reduced efficiency. This can compromise comfort and lead to higher energy costs during the winter months. However, the innovative SLIM4 line of heat pumps offers a dependable solution. Engineered for consistent performance, SLIM4 Heat Pumps deliver 100% heating output at 5°F (-15°C), making them highly effective for regions with moderate winter conditions. This ensures uninterrupted, energy-efficient warmth even when temperatures dip below freezing.

SLIM4+ HYPER HEAT PERFORMANCE

For areas prone to harsher winters, the SLIM4+ Hyper Heat model pushes performance boundaries even further. Designed with advanced cold climate technology, the SLIM4+ unit is capable of maintaining 100% or more of its heating capacity at -4°F (-20°C). Impressively, it continues to provide reliable heating even when outdoor temperatures fall as low as -22°F (-30°C). This exceptional capability makes it a top choice for homeowners and businesses in the most demanding environments, ensuring comfort regardless of outside conditions.

DUAL FUEL COMPATIBILITY

To further enhance versatility and cost-effectiveness, SLIM4 systems are fully compatible with dual-fuel configurations, including both gas and electric furnaces. During extremely cold months or when optimizing for energy efficiency, SLIM4 units can be seamlessly integrated with an existing gas or electric furnace. This hybrid approach allows the system to automatically select the most efficient and economical heating method based on current conditions, ensuring consistent comfort, reliability, and operational cost control.

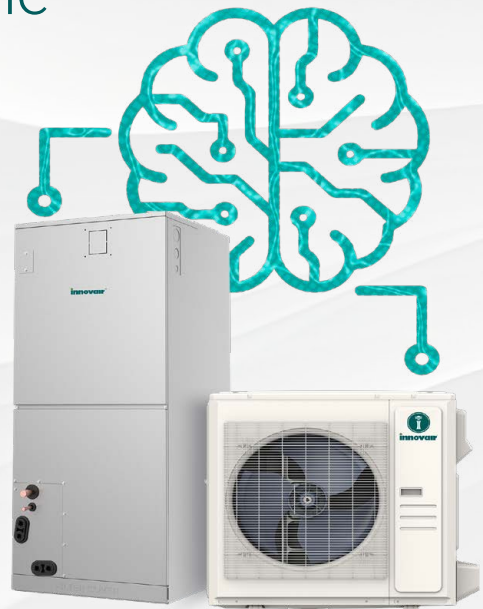
GAS or ELECTRIC



New Features for the SLIM4 Line

Exclusive BI-COMM Technology Compatible with 485 & 24V Communication Modes

The SLIM4 heat pump unit features advanced BI-COMM technology with Auto Discovery, enabling seamless communication with compatible air handlers. Whether using 485 or 24V communication modes, the system automatically detects and establishes the correct connection. This intelligent communication allows the SLIM4 to accurately receive and process signals from the air handler, precisely managing air temperature and airflow to maintain optimal comfort throughout the home.



Auto-Discovery

The SLIM4 system comes equipped with a built-in A2L refrigerant sensor

for enhanced safety and compliance.

This integrated sensor continuously monitors refrigerant levels, providing early detection of leaks and ensuring safe operation.

Designed to meet the latest safety standards, the A2L sensor helps protect both occupants and equipment.

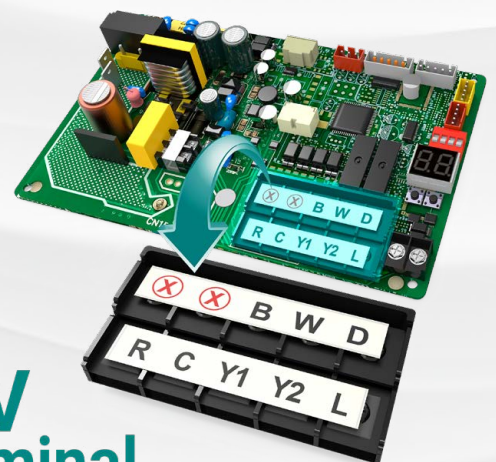
Its built-in design simplifies installation and eliminates the need for external leak detection systems.



A2L SENSOR

The SLIM4 offers convenient access to the S1 and S2

terminals, making wiring quick and straightforward. Its user-friendly terminal layout reduces installation time and simplifies connection for installers. With clearly marked terminals, SLIM4 ensures hassle-free setup even in tight spaces. This design helps streamline system integration and maintenance.



24V Terminal

SLIM4 Condenser

- 35% energy savings achieved by advanced inverter technology
- Slim design side-discharge condenser for smaller footprint
- Low ambient operation temperature at -13°F (-25°C) for Hyper Heat model. -4 °F (-20 °C) for regular heat pump.
- Can be matched with most brand-name air handlers and A-coils
- 24V control allows compatibility with most third party branded thermostats.
- Electrical Heating belt for compressor
- Gold-Fin condenser protection
- Self-diagnostic
- Outdoor sound level as low as 56 dBA



Hyper



SLIM4 Hyper Heat Pump								
Outdoor Model			SHV18H2BA	SHV24H2BA	SHV30H2BA	SHV36H2BB	SHV48H2BA	SHV60H2BA
Power Supply	Rated	V,Ph,HZ	208/230v,1Ph,60Hz					
Capacity	Cooling	Btu/h	18,000	24,000	30,000	36,000	48,000	54,000
	Heating	Btu/h	19,000	25,000	32,000	37,000	50,000	58,000
Air Flow Volume	High	CFM	1766	1766	3002	3002	3037	2648
Noise Level	High	db (A)	59	60	61	63	65	65
Operating Ambient Temperature	Cooling	°F (°C)	-22 ~ 122 (-30 ~ 50)					
	Heating	°F (°C)	-22 ~ 75 (-30 ~ 24)					
Refrigerant Piping	Liquid side - Gas side	inch	3/8" X 3/4"	3/8" X 3/4"	3/8" X 3/4"	3/8" X 3/4"	3/8" X 3/4"	3/8" X 3/4"
Net Dimensions	W x D x H	inch	35 1/16 x 13 7/16 x 26 1/2	35 1/16 x 13 7/16 x 26 1/2	37 1/4 x 16 1/8 x 31 7/8	38 9/16 x 16 5/16 x 38 3/8	38 9/16 x 16 5/16 x 38 3/8	37 1/2 x 16 5/16 x 52 1/2
	W x D x H	mm	890 x 342 x 673	890 x 342 x 673	946 x 410 x 810	980 x 415 x 975	980 x 415 x 975	952 x 415 x 1333
Weight		lbs / kg	102 / 46	102 / 46	164 / 75	204 / 93	201 / 91	243 / 110
SLIM4 Heat Pump								
Outdoor Model			SOV18H2BA	SOV24H2BA	SOV30H2BA	SOV36H2BA	SOV48H2BA	SOV60H2BA
Power Supply	Rated	V,Ph,HZ	208/230v,1Ph,60Hz					
Capacity	Cooling	Btu/h	18,000	24,000	30,000	36,000	48,000	54,000
	Heating	Btu/h	18,000	26,000	31,000	36,000	48,000	54,000
Air Flow Volume	High	CFM	1451	1766	3002	2413	3037	3037
Noise Level	High	db (A)	55	60	60	63	65	65
Operating Ambient Temperature	Cooling	°F (°C)	-13 ~ 122 (-25 ~ 50)					
	Heating	°F (°C)	-13 ~ 75 (-25 ~ 24)					
Refrigerant Piping	Liquid side - Gas side	inch	3/8" X 3/4"	3/8" X 3/4"	3/8" X 3/4"	3/8" X 3/4"	3/8" X 3/4"	3/8" X 3/4"
Net Dimensions	W x D x H	inch	31 3/4 x 13 x 21 7/8	35 1/16 x 13 1/2 x 26 1/2	37 1/4 x 16 1/8 x 31 7/8	37 1/4 x 16 1/8 x 31 7/8	38 5/8 x 16 3/8 x 38 3/8	38 5/8 x 16 3/8 x 38 3/8
	W x D x H	mm	805 x 330 x 554	890 x 342 x 673	946 x 410 x 810	946 x 410 x 810	980 x 415 x 975	980 x 415 x 975
Weight		lbs / kg	77 / 35	102 / 46	142 / 64	153 / 70	193 / 88	193 / 88

SLIM4 Air Handler



- Up to 19 SEER2 AHRI, ENERGYSTAR, and NEEP rating
- 24V control allows compatibility with most third party branded thermostats.
- Self-diagnostic
- Static pressure will adjust automatically
- Multi-positional flexibility for wall-mount air handler
- Easy filter access
- Easy maintenance design with slide-out feature



DUAL VOLTAGE
115V OR 230V

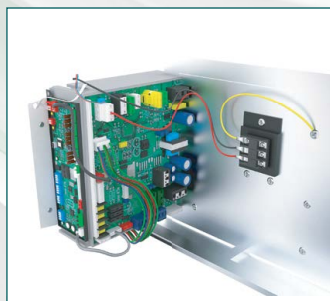


Hyper

Indoor Model			SAV18BDA		SAV24BDA		SAV30BDA		SAV36BDA		SAV48BDA		SAV60BDA	
Hyper Heat Outdoor Unit			SHV18H2BA		SHV24H2BA		SHV30H2BA		SHV36H2BB		SHV48H2BA		SHV60H2BA	
Regular Outdoor Unit			SOV18H2BA		SOV24H2BA		SOV30H2BA		SOV36H2BA		SOV48H2BA		SOV60H2BA	
Power Supply	Rated	V,Ph,HZ	115V,1Ph,60Hz or 208/230v,1Ph,60Hz		115V,1Ph,60Hz or 208/230v,1Ph,60Hz		115V,1Ph,60Hz or 208/230v,1Ph,60Hz		115V,1Ph,60Hz or 208/230v,1Ph,60Hz		115V,1Ph,60Hz or 208/230v,1Ph,60Hz		115V,1Ph,60Hz or 208/230v,1Ph,60Hz	
Capacity	Cooling	Btu/h	18,000		23,000		30,000		36,000		48,000		54,000	
	Heating	Btu/h	19,000		24,000		34,000		37,000		50,000		56,000	
Efficiency (AHRI 210/240 - 2023)	Hyper Heat Regular	AHRI - Hyper/Reg	215408661	215408655	215408662	215408656	215408663	215408657	215408664	215408658	215408665	215408659	215408666	215408660
		SEER2 Btu/w - Hyper/Reg	19	18.8	18.3	18.1	16.8	17	17.4	16.1	16.5	16	16	15.2
		EER2 Btu/w - Hyper/Reg	12.5	11	11.7	11	11.7	10.7	11.7	10	10.5	10	10	8.6
		HSPF2 Btu/w - Hyper/Reg	9.7	9.1	10	9.7	10	8.5	10.3	8.7	9.5	8.5	9	8.4
		Rated Cap Btu/h - Hyper/Reg	18,000	11,200	21,600	21,600	32,600	19,100	39,000	27,000	46,000	38,000	52,000	38,000
Heating at 5°F (-15°C)		COP W/W - Hyper/Reg	2	2	1.87	1.87	1.96	2	1.9	2	1.9	1.85	1.8	1.8
Air Flow Volume	H / M / L	CFM	577 / 530 / 486		760 / 695 / 630		895 / 806 / 712		1083 / 971 / 865		1472 / 1283 / 1095		1583 / 1360 / 1136	
Noise Level	H / M / L	db (A)	41 / 39 / 33		44 / 42 / 28		46 / 43 / 28		48 / 46 / 26		52 / 50 / 34		52 / 50 / 35	
Refrigerant Piping	Liquid side Gas side	inch	3/8" X 3/4"		3/8" X 3/4"		3/8" X 3/4"		3/8" X 3/4"		3/8" X 3/4"		3/8" X 3/4"	
Drain Water Pipe Diameter		inch	3/4"		3/4"		3/4"		3/4"		3/4"		3/4"	
Net Dimensions	W x D x H	inch	17 1/2 X 21 X 45		17 1/2 X 21 X 45		21 X 21 X 49		21 X 21 X 49		24 1/2 X 21 X 53		24 1/2 X 21 X 53	
	W x D x H	mm	445 X 534 X 1143		445 X 534 X 1143		534 X 534 X 1245		534 X 534 X 1245		622 X 534 X 1346		622 X 534 X 1346	
Net Weight		lbs / kg	106 / 48		106 / 48		129 / 59		129 / 59		163 / 74		163 / 74	



Flexible Design



Simple Wiring



Easy Maintenance

SLIM4 Multi Position Cased Coil

- Up to 16.1 SEER2 AHRI, ENERGYSTAR, NEEP and UL Rated
- Available in multiple sizes 14.5", 17.5", 21", 24.5"
- Horizontal or Vertical Cased Coil flexibility
- Can be matched with third-party gas furnace or blower
- 24V or 485 Communication Mode



Blower/Furnace Integration Board included



Hyper

Indoor Model			MAC24H1418B		MAC24H1718B		MAC24H1418B		MAC24H1718B		MAC36H1424B	
Hyper Heat Outdoor Unit			SHV18H2BA		SHV18H2BA		SHV24H2BA		SHV24H2BA		SHV30H2BA	
Regular Outdoor Unit			SOV18H2BA		SOV18H2BA		SOV24H2BA		SOV24H2BA		SOV30H2BA	
Power Supply	Rated	V,Ph,Hz	208/230v,1Ph,60Hz		208/230v,1Ph,60Hz		208/230v,1Ph,60Hz		208/230v,1Ph,60Hz		208/230v,1Ph,60Hz	
Capacity	Cooling	Btu/h	18,000		18,000		24,000		24,000		30,000	
	Heating	Btu/h	19,000		19,000		25,000		25,000		30,000	
Efficiency (AHRI 210/240 - 2023)	Hyper Heat / Regular	AHRI - Hyper/Reg	216623504	216623500	216623505	216623501	216623506	16623502	216623507	216623503	216623508	217284784
		SEER2 Btu/w	16.1	16	16.1	16	16		16	16	15.3	15
		EER2 Btu/w	11.7	10.2	11.7	10.2	10	10	10	10	10	9.8
		HSPF2 Btu/w	9.5	8.6	9.5	8.6	9.5	9.5	9.5	9.5	9.3	8.0
Heating at 5°F (-15°C)	Hyper Heat / Regular	Rated Cap Btu/h - Hyper/Reg	18,000	10,800	18,000	10,800	21,000	21,000	21,000	21,000	30,400	19,000
		COP W/W - Hyper/Reg	2.06	1.80	2.06	1.80	1.80	1.80	1.80	1.80	1.80	1.80
Refrigerant Piping	Liquid side - Gas side	inch	3/8" - 3/4"		3/8" - 3/4"		3/8" - 3/4"		3/8" - 3/4"		3/8" - 3/4"	
Drain Water Pipe Diameter		inch	3/4"		3/4"		3/4"		3/4"		3/4"	
Net Dimensions	W x D x H	inch	14½ x 21 x 18		17½ x 21 x 18		14½ x 21 x 18		17½ x 21 x 18		14½ x 21 x 23 5/16	
	W x D x H	mm	368 x 533 x 457		445 x 533 x 457		368 x 533 x 457		445 x 533 x 457		368 x 533 x 592	
Net Weight		lbs / kg	42 / 19		42 / 19		42 / 19		42 / 19		57 / 26	

Indoor Model			MAC36H1724B		MAC36H2124B		MMC60H2128B		MMC60H2128B		MAC60H2428B	
Hyper Heat Outdoor Unit			SHV36H2BB		SHV36H2BB		SHV48H2BA		SHV60H2BA		SHV60H2BA	
Regular Outdoor Unit			SOV36H2BA		SOV36H2BA		SOV48H2BA		SOV60H2BA		SOV60H2BA	
Power Supply	Rated	V,Ph,Hz	208/230v,1Ph,60Hz		208/230v,1Ph,60Hz		208/230v,1Ph,60Hz		208/230v,1Ph,60Hz		208/230v,1Ph,60Hz	
Capacity	Cooling	Btu/h	36,000		36,000		45,000		52,000		47,000	
	Heating	Btu/h	38,000		38,000		48,000		56,000		58,000	
Efficiency (AHRI 210/240 - 2023)	Hyper Heat / Regular	AHRI - Hyper/Reg	217284791	216684124	216623511	216684125	216684126	217284786	216623512	217284788	216623513	217284789
		SEER2 Btu/w - Hyper/Reg	15.8	14.8	15.8	14.8	15.2	14.7	15.9	14.5	15.2	14.3
		EER2 Btu/w - Hyper/Reg	10.7	10.2	10.7	10.2	10	9.5	10	8.5	10	8.1
		HSPF2 Btu/w - Hyper/Reg	9.4	8.7	9.4	8.7	8.8	8.0	8.5	8.0	8.1	7.3
Heating at 5°F (-15°C)	Hyper Heat / Regular	Rated Cap Btu/h - Hyper/Reg	36,000	29,000	36,000	29,000	42,000	40,000	45,000	40,000	42,000	40,000
		COP W/W	1.90 / 1.90		1.90 / 1.90		1.85 / 1.75		1.80 / 1.75		1.89 / 1.75	
Refrigerant Piping	Liquid side - Gas side	inch	3/8" - 3/4"		3/8" - 3/4"		3/8" - 3/4"		3/8" - 3/4"		3/8" - 3/4"	
Drain Water Pipe Diameter		inch	3/4"		3/4"		3/4"		3/4"		3/4"	
Net Dimensions	W x D x H	inch	17½ x 21 x 23½		21 x 21 x 24		21~ x 21½ x 27 13/16		21~ x 21½ x 27 13/16		24½ x 21 x 28	
	W x D x H	mm	445 x 533 x 599		534 x 533 x 611		549 x 546 x 706		549 x 546 x 706		622 x 533 x 711	
Net Weight		lbs / kg	60 / 27		35 / 29		97 / 44		97 / 44		81 / 37	

SLIM4 Wall Mount Air Handler

- Up to 19 SEER2 AHRI, ENERGYSTAR, NEEP and UL Rated
- DC Motor allows for quiet operation while performing at efficiency levels controlling humidity.
- Can accommodate electric heat with no modification and easy access installation
- Flare connection for easy access when soldering is not possible. Solder adapters included
- Smart control board with easy access. Allows for quicker maintenance.
- Static pressure will adjust automatically
- Multi-Functional front flow or downflow application
- 24V or 485 Communication Mode
- Self-diagnostic
- Easy maintenance design with slide-out features



DUAL VOLTAGE
115V OR 230V



Hyper

Indoor Model			SWV18BDA		SWV24BDA		SWV30BDA		SWV36BDA	
Hyper Heat Outdoor Unit			SHV18H2BA		SHV24H2BA		SHV30H2BA		SHV36H2BB	
Regular Outdoor Unit			SOV18H2BA		SOV24H2BA		SOV30H2BA		SOV36H2BA	
Power Supply	Rated	V,Ph,HZ	115V,1Ph,60Hz or 208/230v,1Ph,60Hz		115V,1Ph,60Hz or 208/230v,1Ph,60Hz		115V,1Ph,60Hz or 208/230v,1Ph,60Hz		115V,1Ph,60Hz or 208/230v,1Ph,60Hz	
Capacity	Cooling	Btu/h	18,000		24,000		30,000		36,000	
	Heating	Btu/h	19,000		25,000		32,000		37,000	
Efficiency (AHRI 210/240 - 2023)	Hyper Heat / Regular	AHRI - Hyper/Reg	216027612	216027608	216027613	216027609	216027614	216027610	216027615	216027611
		SEER2 Btu/w - Hyper/Reg	19.3	18.5	17.5	17.4	17.5	18.6	16.8	16.7
		EER2 Btu/w - Hyper/Reg	12.1	11.5	11.7	10.8	11.7	11	11.2	10.2
		HSPF2 Btu/w - Hyper/Reg	10.8	9.4	10.5	10.4	10.2	8.7	9.6	9.3
		Rated Cap Btu/h - Hyper/Reg	19,600	11,400	19,600	19,400	32,000	18,700	34,600	29,200
Heating at 5°F (-15°C)		COP W/W - Hyper/Reg	2.1	2.1	1.96	1.96	2	1.99	1.8	1.99
Air Flow Volume	H / M / L	CFM	577 / 530 / 489		760 / 695 / 630		895 / 806 / 712		1083 / 971 / 865	
Noise Level	H / M / L	db (A)	47 / 45 / 39		51 / 48 / 38		50 / 46 / 35		52 / 49 / 37	
Refrigerant Piping	Liquid side - Gas side	inch	3/8" X 3/4"		3/8" X 3/4"		3/8" X 3/4"		3/8" X 3/4"	
Drain Water Pipe Diameter		inch	3/4"		3/4"		3/4"		3/4"	
Net Dimensions	W x D x H	inch	20 1/4 X 15 3/4 X 36 1/2		20 1/4 X 15 3/4 X 36 1/2		22 X 19 X 40		22 X 19 X 40	
	W x D x H	mm	515 X 399 X 928		515 X 399 X 928		559 X 483 X 1017		559 X 483 X 1017	
Net Weight		lbs / kg	111 / 51		92 / 42		110 / 50		110 / 50	



Slide-Out Design



Easy to Maintain Design



Slide Track Design

SLIM4 Remotes and Accessories



FEATURES - 17317100009536

- Transmission Indicator
- Temp ° C/° F and Timer display
- Fan speed display
- Silence display
- Sleep display
- Mode display
- ON/OFF display
- Lock display
- FOLLOW ME display
- Child lock function for unauthorized settings
- "7 Day Programmable
- WIFI



FEATURES - 17317000A70341

- Transmission Indicator
- Temp ° C/° F and Timer display
- Fan speed display
- Silence display
- Sleep display
- Mode display
- ON/OFF display
- Lock display
- FOLLOW ME display

Communication Mode: The Easy Fit inverter heat pump unit seamlessly receives and processes signals from the communicating air handler, expertly managing indoor air temperature and airflow to maintain optimal comfort levels.

Self-Adapt Mode: The Easy Fit inverter heat pump intelligently analyzes unit temperature and pressure variations, dynamically adjusting system operation for peak performance.

Versatility: When paired with non-communicating equipment, it delivers equally effective results as a communicating inverter setup.



FEATURES - SLIMST900X

- Compatibility with simple installation
- Presets for Vacation, ECO and Check
- WIFI
- 4 inch Touch screen with easy user interface
- Seamless function with 24V systems
- OTA (Over The Air) update technology

Model	17317000A70341	17317100009536	SLIMST900X
			
SAV Air Handler	Included	Included	Optional
SWV Front Return	Included	Included	Optional
MAC Cased Coil	Not-included	Included	Optional

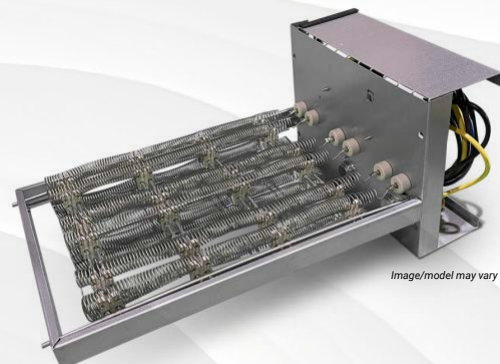
Electrical Heater Kit Accessories

SAV Air Handlers

Model	Description
WVM0502B	5kW electric heat kit with circuit breaker
WVM0802B	7.5kW electric heat kit with circuit breaker
WVM1002B	10kW electric heat kit with circuit breaker
WVM1502B	15kW electric heat kit with circuit breaker
WVM2002B	20kW electric heat kit with circuit breaker
WVM2502B	25kW electric heat kit with circuit breaker

SWV Front Return Wall Mount Air Handler

Model	Description
WFM0302BW	3kW electric heat kit with circuit breaker
WFM0502BW	5kW electric heat kit with circuit breaker
WFM0802BW	8kW electric heat kit with circuit breaker
WFM1002BW	10kW electric heat kit with circuit breaker



Image/model may vary

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qualify for rebates in your area?**



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- Chat Support coming soon



About **innovair**[®]

For over 30 years, Innovair has been a trusted name in the industry, delivering exceptional products and services, earning us a stellar reputation with clients and industry peers. Since our inception, we have dedicated ourselves to providing innovative and reliable solutions, consistently adapting to the evolving needs of the market.

In 2021, a significant milestone was reached when Innovair was acquired by Innovair Solutions (formerly Ouellet Group), a move that greatly enhanced our manufacturing capabilities.

This acquisition allowed us to expand our product offerings to include furnaces, air exchangers, heating cables, baseboard heaters, unit heaters, and more, all while maintaining the high standards of quality and customer satisfaction that have defined our legacy.

With decades of experience and a forward-thinking approach, Innovair continues to lead the industry, building on our well-established reputation for excellence.



Over 200,000 sqft warehouse of inventory in Miami, Los Angeles, and Quebec, Canada allows for distributors to sell with confidence knowing they can receive stock within a short period!



Immediate Access to OEM Spare Parts: We stock large quantities of OEM spare parts readily available for immediate delivery, ensuring uninterrupted service and support.

Consistent Product Quality: We maintain rigorous standards to ensure consistent product quality, giving you peace of mind with every purchase.

WHO WE ARE



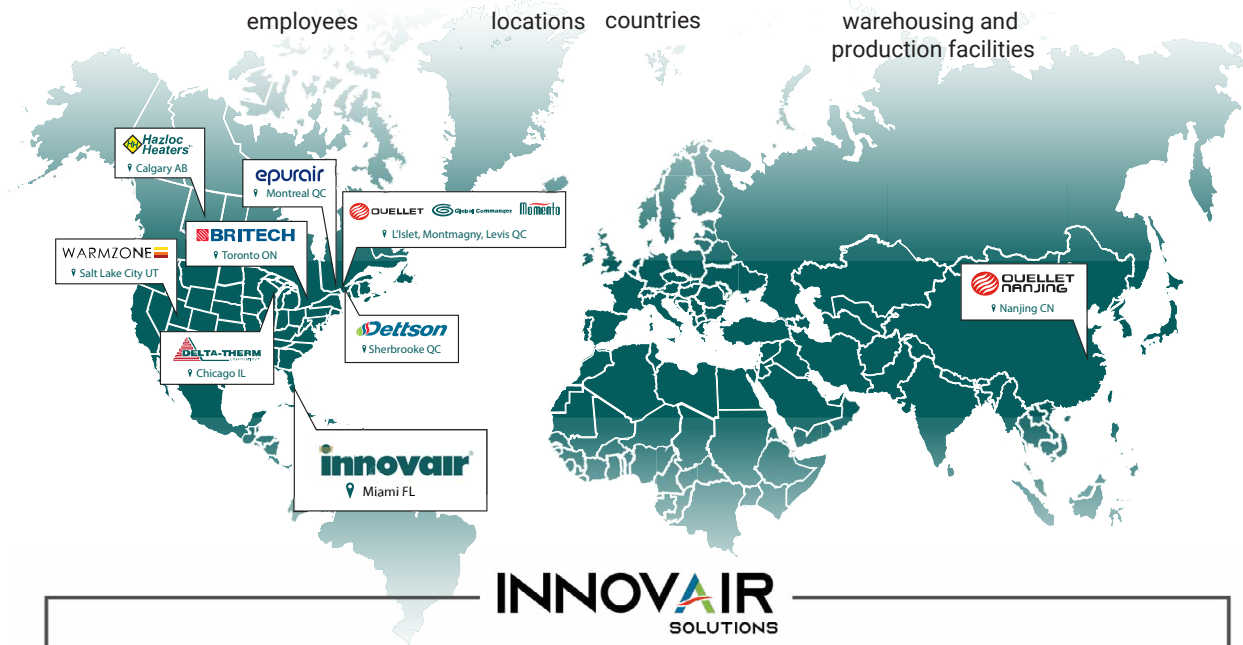
500+
employees



9 in **3**
locations countries



500,000 ft.²
warehousing and
production facilities



INNOVAIR
SOLUTIONS

BRITECH **CAPELLA** **DELTA-THERM** **Dettson** **epurair** **Global Commander**

Hazloc Heaters **innovair** **Momento** **OUELLET** **WARMZONE** **Wellspring Manufacturing**



innovair®

INNOVATIVE IDEAS IN AIR CONDITIONING



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