

WJC Series

Slide-In Replacement for Vertical Stack Applications

Application Flexible | Fast and Easy Replacement | Damage Protection



ADIRONDACK-AIRE WJC SERIES

Slide-In Replacement for Vertical Stack Applications

A Smart Replacement Option for Existing Units

If you're working on a renovation / replacement project where the existing cabinets – ours or another manufacturer's – are still in good condition and the decision is made to leave the existing risers and cabinet in place, switching to a WJC Series slide out Fan Coil Module may be a wise option.

While not applicable to every situation, often you will find that by leaving the existing cabinets and risers and incorporating Cold Point WJC units, you'll save measurable time and money. Working in conjunction with your local Cold Point representative, we can help you determine the best approach for you.

The Adirondack-Aire WJC Series replacement chassis provides environment friendly, fan coil module where individual, quiet control is a priority. The complete system includes a water coil heat exchanger, blower section, control box, sub-base and access panel. Also included are hose kits, ball valves and a 2-way water valve. Other accessories for both chassis and enclosures may be required and are available for your unique application.

The WJC is dimensionally favorable to fit most fan coil applications, which results in a fast, easy, and trouble free-installation. Quality components, careful design, testing and the latest in environment friendly technology promotes long unit life, user satisfaction, and lower energy costs. Adirondack-Aire is the replacement solution for upgrading old, worn out, inefficient systems. Cold Point Corp. backs

the WJC with a customer friendly one-year parts and labor warranty (see Warranty document for details).

A Comprehensive Product Offering That's on the Money

Cold Point offers a variety of options to meet different heating and cooling requirements. These include:

Room Fan Coil

- 2-Pipe Heating / Cooling
- 2-Pipe Heating Only
- 2-Pipe Cooling Only
- 2-Pipe Cooling with Electric Heat
- 4-Pipe Heating / Cooling

Accessories Include:

- Return air panel (consult factory for options)
- Wall thermostat
- 3-way valve
- Strainer
- Condensate switch
- Auto water flow valve

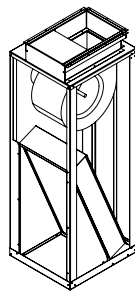
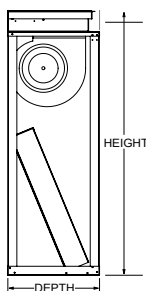
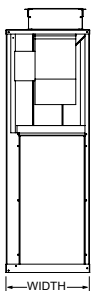


WJC CHASSIS APPLICATION & BENEFITS

- Made in the USA
- ETL safety labeled. UL 1995, CSA C22.2 #236
- Heavy gauge G90 galvanized steel construction
- Stainless Steel drain pan
- High efficiency copper tube-aluminum fin water coil
- Hose connections with shut-offs to existing risers
- Standard disconnect or optional circuit breaker
- 1 inch glass fiber air filter
- Replacement fan coil option where the existing cabinet can remain
- Coil pack, blower, electric heat strip, valve packages and controls come in one compact chassis
- Reduce cost by leaving existing cabinet, drywall, and wall paper if applicable
- Compact system allows for ease of installation
- Chassis can be easily removed after installation for service and cleaning
- Quality components and design upgrade old and inefficient units
- Shorter room occupancy downtime

Chassis Dimensions

	WJC-03	WJC-04	WJC-06	WJC-08	WJC-10	WJC-12
Depth (in.)	15 1/4"	15 1/4"	17 1/4"	Consult Factory	Consult Factory	Consult Factory
Width (in.)	13 7/8"	13 7/8"	15 7/8"			
Height (in.)	43 7/8"	43 7/8"	43 7/8"			



WJC CHASSIS PERFORMANCE DATA

WJC 4P Heating Performance Data - 1 Row

Size	EWT (°F)	Heating Entering Air - 70°F		
		Total Capacity	GPM	Pressure Drop (Ft)
WJC-03	160	9.7	0.6	1.5
		9.0	0.5	0.7
		8.1	0.3	0.3
		6.9	0.2	0.1
WJC-04	160	14.1	0.9	1.1
		12.8	0.6	0.6
		11.5	0.5	0.3
		10.2	0.3	0.2
WJC-06	160	16.1	1.1	1.1
		14.4	0.7	0.7
		12.6	0.5	0.5
		10.8	0.4	0.4
WJC-08	160	26.4	1.8	16.9
		23.9	1.2	8.2
		21.2	0.9	4.4
		18.5	0.6	2.4
WJC-10	160	32.3	2.2	32.1
		29.6	1.5	16.3
		26.7	1.1	9.3
		23.8	0.8	5.6
WJC-12	160	38.7	2.6	51.2
		35.6	1.8	26.0
		32.2	1.3	14.7
		28.8	1.0	8.8

WJC 4P Heating Performance Data - 2 row

Size	EWT (°F)	Heating Entering Air - 70°F		
		Total Capacity	GPM	Pressure Drop (Ft)
WJC-03	150	16.4	1.6	7.6
		14.3	1.0	2.9
		12.0	0.6	1.3
		9.5	0.4	0.5
WJC-04	150	22.7	2.3	5.2
		20.2	1.3	2.0
		17.4	0.9	1.0
		14.4	0.6	0.5
WJC-06	150	27.8	2.8	5.4
		23.9	1.6	2.0
		19.7	1.0	0.9
		15.0	0.6	0.6
WJC-08	150	42.5	4.3	27.3
		37.2	2.5	10.1
		31.4	1.6	4.4
		25.2	1.0	2.0
WJC-10	150	46.9	4.8	39.7
		41.8	2.8	16.5
		36.2	1.8	8.2
		30.1	1.2	4.2
WJC-12	150	56.1	5.7	66.0
		50.2	3.4	25.1
		43.6	2.2	11.5
		36.5	1.5	5.7

WJC 2P/4P Cooling Performance Data - 3 Row

Size	EWT (°F)	Delta T (°F)	Cooling Performance - 80°F / 67°F			
			Total Capacity	Sensible Capacity	GPM	Pressure Drop (Ft)
WJC-03	45	10	10.5	7.7	2.1	8.7
		12	9.7	7.3	1.6	5.4
		14	8.9	7.0	1.3	3.5
		16	8.2	6.6	1.0	2.4
WJC-04	45	10	14.8	10.1	3.0	12.4
		12	12.5	9.4	2.1	6.6
		14	10.3	8.6	1.5	3.8
		16	8.4	7.6	1.1	2.3
WJC-06	45	10	20.5	14.9	4.1	14.8
		12	19.2	14.4	3.2	9.4
		14	17.1	13.5	2.4	5.9
		16	14.3	12.5	1.8	3.4
WJC-08	45	10	24.6	19.7	4.9	19.2
		12	22.8	18.9	3.8	12.3
		14	21.1	18.1	3.0	8.3
		16	19.6	17.2	2.4	5.8
WJC-10	45	10	30.5	24.2	6.1	19.0
		12	26.5	22.4	4.4	10.5
		14	23.6	20.9	3.4	6.4
		16	21.8	19.9	2.7	4.4
WJC-12	45	10	36.7	29.1	7.3	16.3
		12	33.5	27.6	5.6	9.7
		14	30.5	26.0	4.4	6.1
		16	27.8	24.4	3.5	4.0

WJC 2P/4P Cooling Performance Data - 4 Row

Size	EWT (°F)	Delta T (°F)	Cooling Performance - 80°F / 67°F			
			Total Capacity	Sensible Capacity	GPM	Pressure Drop (Ft)
WJC-03	45	10	13.8	10.1	2.8	22.9
		12	12.7	9.6	2.1	14.0
		14	11.6	9.1	1.7	9.1
		16	10.7	8.6	1.3	6.2
WJC-04	45	10	16.5	11.2	3.3	12.0
		12	14.8	10.5	2.5	7.0
		14	13.4	10.0	1.9	4.4
		16	12.2	9.7	1.5	2.9
WJC-06	45	10	22.0	15.4	4.4	15.5
		12	20.1	14.7	3.4	9.1
		14	17.9	13.9	2.6	5.4
		16	15.4	12.8	1.9	3.2
WJC-08	45	10	29.2	21.5	5.8	25.6
		12	27.4	20.8	4.5	16.0
		14	25.8	20.1	3.7	10.7
		16	24.3	19.4	3.0	7.6
WJC-10	45	10	36.7	26.7	7.3	16.0
		12	34.0	25.5	5.6	9.9
		14	31.6	24.4	4.5	6.4
		16	29.4	23.3	3.7	4.3
WJC-12	45	10	44.9	32.4	8.9	26.9
		12	41.9	31.0	6.9	16.7
		14	39.1	29.8	5.6	11.0
		16	36.5	28.5	4.5	7.5

WJC 2P/4P Heating Performance Data - 3 Row

Size	EWT (°F)	Heating Entering Air - 65°F		
		Total Capacity	GPM	Pressure Drop (Ft)
WJC-03	140	13.8	1.8	5.9
		12.8	1.3	3.1
		11.6	0.9	1.8
		10.4	0.7	1.1
WJC-04	140	23.0	3.1	11.4
		20.7	2.1	5.7
		18.3	1.5	3.3
		15.9	1.1	2.0
WJC-06	140	38.0	5.1	19.2
		35.2	3.5	9.7
		32.0	2.6	5.5
		28.4	1.9	3.3
WJC-08	140	48.4	6.4	26.9
		44.8	4.5	14.2
		40.9	3.3	8.3
		36.7	2.4	5.1
WJC-10	140	59.6	8.0	27.0
		55.8	5.6	14.0
		51.5	4.1	8.0
		46.5	3.1	4.8
WJC-12	140	70.5	9.4	22.7
		65.7	6.6	11.5
		60.1	4.8	6.3
		53.6	3.6	3.6

WJC 2P Heating Performance Data - 4 Row

Size	EWT (°F)	Heating Entering Air - 65°F		
		Total Capacity	GPM	Pressure Drop (Ft)
WJC-03	140	23.0	3.1	24.0
		21.5	2.2	12.6
		19.9	1.6	7.3
		18.0	1.2	4.5
WJC-04	140	25.9	3.5	11.4
		24.9	2.5	6.2
		23.7	1.9	3.8
		22.1	1.5	2.4
WJC-06	140	40.1	5.3	19.7
		38.3	3.8	10.2
		36.0	2.9	5.9
		33.1	2.2	3.6
WJC-08	140	53.7	7.3	34.1
		50.5	5.1	17.5
		46.8	3.8	10.0
		42.6	2.9	6.0
WJC-10	140	65.1	8.8	20.0
		61.6	6.3	10.4
		57.3	4.7	5.9
		52.1	3.5	3.5
WJC-12	140	78.1	10.6	32.2
		74.2	7.5	16.9
		69.3	5.6	9.8
		63.6	4.3	5.9

INNOVATIVE HEATING AND COOLING SOLUTIONS

Cold Point equipment has been specified in hundreds of projects in these and other applications:
Direct Replacement | New Construction | Renovation | Commercial & Residential Solutions

Cold Point values reliability as much as you

Your Cold Point sales representative knows their reputation is on the line with every sale. Therefore, they are as personally invested in your comfort as you are, and take great pride in creating your perfect indoor environment.

Rest comfortably, knowing Cold Point stands behind our products

The Cold Point Corporation backs our products with a standard warranty that includes parts and labor for the entire first year of ownership. For all coverage options and complete coverage terms, check with your local Cold Point representative for full details.

Industry-leading expertise

Cold Point Corporation is the industry-leading supplier of aftermarket comfort solutions for commercial and residential applications. We have over 20 years of experience developing OEM-style replacement products to keep you comfortable. Whether it is a water source heat pump, air source PTAC system, or a fan coil application, Cold Point has the knowledge and products to restore your system to its original operating condition.

Reliable comfort products backed by the industry experts in OEM-style replacement units

To learn more about how the Cold Point Corporation can help you save time and money on your next project, contact your local Cold Point representative. Call **315-339-2331** to speak with one of our specialists, or e-mail your request to info@coldpointcorp.com.

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