

ADIRONDACK AIRE

Series WCH/WMH

Snyder General / McQuay WCH/WMH

Application Flexible | Fast and Easy Replacement | Damage Protection



ADIRONDACK-AIRE WCH/WMH CHASSIS SERIES

Replaces Snyder General / McQuay WCH/WMH

Adirondack-Aire WCH/WMH series zerOzone console unit provides environment friendly, high efficiency, cooling and heating where individual, quiet control is a priority. The WCH chassis is a direct replacement for Snyder General WCH series console water source heat pump units. These units are offered as chassis only console units, intended to work with the existing custom enclosure. The WMH series is a chassis only direct replacement for McQuay WMH series, usable in existing cabinet and sub base enclosures. The chassis contains the compressor, air side heat exchanger, water side heat exchanger, evaporator fan and motor, control components and safety components. The WCH/WMH series has 5 chassis capacities (models 08, 10, 12, 15 and 18)

All chassis sizes are dimensionally identical to the original for a fast, easy, and trouble-free installation. Quality components, careful design and testing, and the latest in environment friendly technology advances mean long unit life, user satisfaction, and lower energy costs. Consider the extensive list of standard features, which includes: stainless steel drain pan, refrigerant circuit access ports, evaporator freeze protection, water coil freezestat, high-pressure over protection, anti-short cycle protection and electronic control board. Adirondack-Aire is the replacement solution that the competition can't match. Cold Point Corp. backs the WCH/WMH with a customer friendly one-year parts and labor warranty and five-year compressor warranty, (see Warranty document for details). A full range of options are available.

Standard Features:

- Made in the USA
- Designed for easy installation and compatibility. Dimensionally identical to the original Snyder General / McQuay chassis
- ETL approved
- Quiet, durable, and efficient compressor with built-in pressure and temperature protection
- Electronically controlled (EC) evaporator motor designed to optimize performance
- Heavy gauge G90 galvanized steel construction
- Stainless steel drain pan
- High efficiency copper tube-aluminum fin evaporator coil
- High efficiency coaxial condenser coil with low water-side pressure drop
- Unit-mounted digital controls (remote option available)
- Electronic control board with anti-short cycle protection
- High pressure switch
- Frost-free cooling
- Water coil freeze protection
- Refrigerant circuit access ports
- Capillary expansion
- Positive shift reversing valve
- Precision charged with zerOzone R-410A refrigerant
- 1/2 Inch FPT water connections (optional)
- Disposable air filter (WCH only)

Electrical Data

Model	Compressor Type	Voltage Volt-Hz-Ph	Fan		Compressor		Total Amps	Ckt Amps	Max Fuse	Min Volts
			Amps	HP	RLA	LRA				
WCH / WMH-08	Rotary	115/60/1	1.4	1/6	6.1	39.1	7.3	9.0	15	104
WCH / WMH-08	Rotary	208-230/60/1	0.5	1/6	3.0	15.0	3.4	5.0	15	197
WCH / WMH-08	Rotary	265/60/1	0.4	1/6	2.7	11.0	3.1	4.0	15	240
WCH / WMH-10	Rotary	115/60/1	1.2	1/10	8.0	50.0	9.2	11.5	15	104
WCH / WMH-10	Rotary	208-230/60/1	0.4	1/10	4.4	20.0	4.8	6.0	15	197
WCH / WMH-10	Rotary	265/60/1	0.4	1/10	3.4	21.0	3.7	5.0	15	240
WCH / WMH-12	Rotary	115/60/1	1.2	1/10	9.5	50.0	10.7	14.0	20	104
WCH / WMH-12	Rotary	208-230/60/1	0.4	1/10	4.7	25.0	5.1	7.0	15	197
WCH / WMH-12	Rotary	265/60/1	0.4	1/10	4.2	22.0	4.6	6.0	15	240
WCH / WMH-15	Rotary	208-230/60/1	0.6	1/10	5.6	29.0	6.2	8.0	15	197
WCH / WMH-15	Rotary	265/60/1	0.6	1/10	5.0	28.0	5.6	7.0	15	240
WCH / WMH-18	Rotary	208-230/60/1	0.6	1/10	7.4	33.0	8.0	10.0	15	197
WCH / WMH-18	Rotary	265/60/1	0.6	1/10	6.0	28.0	6.6	9.0	15	240



WCH/WMH CHASSIS APPLICATION & BENEFITS

Fast and Easy Replacement

The Adirondack-Aire WCH/WMH series zerOzone replacement chassis fits the existing Snyder General / McQuay room cabinets without modification. Because the WCH/WMH dimensions and construction details are like the original, replacement work is fast and easy. Water, drain and electrical connections line right up to the original installation. Using Adirondack-Aire replacements eliminates the need for room renovation, redecorating, or piping and wiring changes. Whether it's a chassis only application for a custom enclosure, or use in an existing cabinet, the WCH/WMH

is the solution that gets your property back in service quickly and at the lowest total cost. LH or RH applications must be selected for direct replacements.

Damage Protection

The standard high-pressure switch, evaporator coil freeze protection, and electronic control board stop unit operation before damage occurs, should airflow become reduced or obstructed due to dirty filters, or motor failure. A freestat protects the water coil from freeze damage due to water temperature or flow problems. The water coil is designed for

low water-side pressure drop, eliminating potential pump sizing and water flow problems.

Options and Accessories

- Room cabinet (consult factory)
- Flow control valve
- Control options
- Valves and unions
- Line cords
- Hose kits
- Customer-specified custom features

Performance Ratings

Model	Cool Btuh	Sens Btuh	EER	Heat Btuh	COP	CFM Hi/Lo	GPM	Coil PD	Refrigerant
WCH / WMH-08	7,800	6,000	14.0	9,200	4.4	300/250	2.0	1.2'	R-410A
WCH / WMH-10*	10,600	8,000	13.6	12,100	4.4	395/330	2.5	1.8'	R-410A
WCH / WMH-12*	11,500	9,400	12.4	14,000	4.3	400/350	3.0	2.5'	R-410A
WCH / WMH-15*	14,700	10,700	13.8	16,100	4.3	475/400	3.8	4.6'	R-410A
WCH / WMH-18*	17,800	13,700	13.1	21,000	4.4	540/420	4.5	3.3'	R-410A

Continuous engineering improvements may result in performance changes without notice.

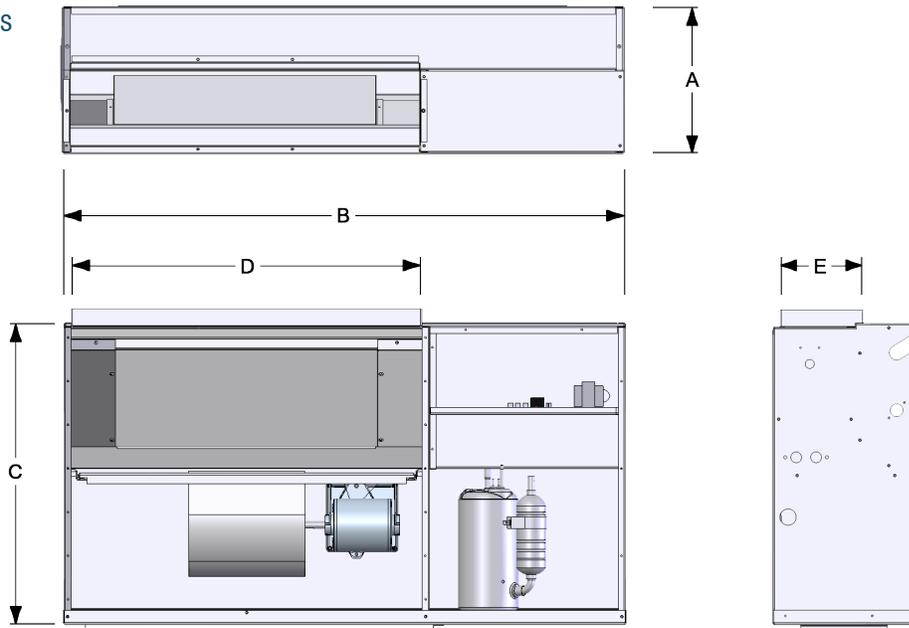
* PRELIMINARY DATA

** Dry coil airflow

Unit Sizes

Model	A	B	C	D	E
	Inches				
WCH / WMC-08, 10, 12	10	38.6	20.4	24	6
WCH / WMC-15, 18	TBD	TBD	TBD	TBD	TBD

Chassis



NEMA Configurations

Non Locking Plugs/Receptacles

Voltage	125V	250V	277V
15A Recp.	5-15R 	6-15R 	7-15R
15A Plug	5-15P 	6-15P 	7-15P
20A Recp.	5-20R 	6-20R 	7-20R
20A Plug	5-20P 	6-20P 	7-20P
30A Recp.	5-30R 	6-30R 	7-30R
30A Plug	5-30P 	6-30P 	7-30P

277V Line cord N/A as factory installed

EC
Motor
Technology

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 labor for the entire first year of ownership. Registered Limited Warranty terms include: 12 month limited warranty on components, 60 month limited warranty on all unit compressors from the date of original installation OR 15 months limited warranty on components, 63 month limited warranty on all unit compressors from the date of original sale, whichever comes first. 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 18 years of experience developing OEM-style replacement products to keep you happy and comfortable. Whether it is a water source heat pump application or an air source PTAC system, 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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