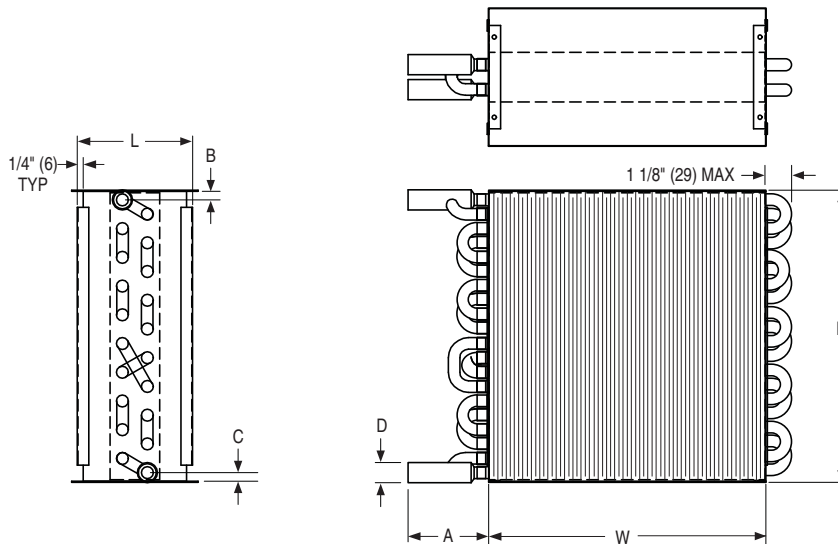




# SINGLE DUCT TERMINAL HOT WATER REHEAT COILS

FOR USE WITH MODELS: (D, A or P)31RW

MODEL SERIES: 31HWC



## Dimensional Data

Unit Size	W	H	1 Row					2 Row						
			Part No.	L	A	B	C	D	Part No.	L	A	B	C	D
4, 5, 6	12 (305)	7 1/2 (191)	V31HWC106	5 1/2 (114)	3 1/2 (89)	5/16 (14)	3/16 (5)	1/2 (13)	V31HWC206	5 1/2 (114)	3 1/2 (89)	5/16 (14)	5/16 (14)	1/2 (22)
7, 8	12 (305)	10 (254)	V31HWC108	5 1/2 (114)	3 1/2 (89)	3/8 (10)	1 (25)	1/2 (13)	V31HWC208	5 1/2 (114)	3 1/2 (89)	3/8 (10)	3/8 (10)	1/2 (22)
9, 10	14 (356)	12 1/2 (318)	V31HWC110	5 (127)	3 (76)	13/32 (10)	1 1/32 (26)	1/2 (13)	V31HWC210	5 (127)	3 1/2 (89)	3/8 (10)	3/8 (10)	1/2 (22)
12	16 (406)	15 (381)	V31HWC112	5 1/2 (114)	3 1/2 (89)	3/8 (10)	1 (25)	3/8 (22)	V31HWC212	5 1/2 (114)	3 1/2 (89)	3/8 (10)	3/8 (10)	1/2 (22)
14	20 (508)	17 1/2 (445)	V31HWC114	5 1/2 (114)	3 1/2 (89)	3/8 (10)	1 (25)	3/8 (22)	V31HWC214	5 1/2 (114)	4 3/4 (121)	3/8 (22)	3/8 (22)	1/2 (22)
16	24 (610)	17 1/2 (445)	V31HWC116	5 1/2 (114)	3 1/2 (89)	5/16 (14)	1 3/16 (30)	3/8 (22)	V31HWC216	5 1/2 (114)	4 3/4 (121)	3/8 (22)	3/8 (22)	1/2 (22)
24 x 16	17 1/2 (445)	38 (965)	V31HWC124	5 (127)	4 3/4 (121)	5/16 (14)	1 3/16 (30)	3/8 (22)	V31HWC224	5 (127)	4 3/4 (121)	3/8 (22)	3/8 (22)	1/2 (22)

Unit Size	W	H	3 Row					4 Row						
			Part No.	L	A	B	C	D	Part No.	L	A	B	C	D
4, 5, 6	12 (305)	7 1/2 (191)	V31HWC306	7 1/2 (191)	4 (102)	1 3/16 (30)	5/16 (14)	3/8 (22)	V31HWC406	7 1/2 (191)	4 (102)	1 3/16 (30)	5/16 (14)	3/8 (22)
7, 8	12 (305)	10 (254)	V31HWC308	7 1/2 (191)	4 3/4 (121)	7/8 (22)	7/8 (22)	7/8 (22)	V31HWC408	7 1/2 (191)	4 1/4 (108)	11/16 (17)	11/16 (17)	3/8 (22)
9, 10	14 (356)	12 1/2 (318)	V31HWC310	7 1/2 (191)	4 1/4 (108)	11/16 (17)	11/16 (17)	7/8 (22)	V31HWC410	7 1/2 (191)	4 1/4 (108)	11/16 (17)	11/16 (17)	3/8 (22)
12	16 (406)	15 (381)	V31HWC312	7 1/2 (191)	4 1/4 (108)	23/32 (18)	23/32 (18)	7/8 (22)	V31HWC412	7 1/2 (191)	4 (102)	23/32 (18)	23/32 (18)	3/8 (22)
14	20 (508)	17 1/2 (445)	V31HWC314	7 1/2 (191)	4 3/4 (121)	7/8 (22)	7/8 (22)	7/8 (22)	V31HWC414	7 1/2 (191)	4 (102)	7/8 (22)	7/8 (22)	3/8 (22)
16	24 (610)	17 1/2 (445)	V31HWC316	7 1/2 (191)	4 3/4 (121)	7/8 (22)	7/8 (22)	7/8 (22)	V31HWC416	7 1/2 (191)	4 (102)	7/8 (22)	7/8 (22)	3/8 (22)
24 x 16	17 1/2 (445)	38 (965)	V31HWC324	7 1/2 (191)	4 3/4 (121)	1 1/8 (29)	1 1/8 (29)	1 3/8 (35)	V31HWC424	7 1/2 (191)	4 3/4 (121)	1 1/8 (29)	1 1/8 (29)	1 3/8 (35)

### Description:

- 0.0045" (0.11) Aluminum sine-wave corrugation and rippled fins, 10 fins per inch.
- 1/2" (13) O.D. copper tubes, 0.016" (0.41) wall thickness.
- 20 ga. (1.0) galvanized steel casing.
- 1/2" (13), 7/8" (22) or 1 3/8" (35) O.D. copper male solder sweat connections.
- Connection is slip and drive to ductwork, both sides.
- Leakage tested to 360 psi (2481 kPa).
- AHRI Certified.

SCHEDULE TYPE

PROJECT

ENGINEER

CONTRACTOR

Page 1 of 2.  
Dimensions are in inches (mm).

DATE	B SERIES	SUPERSEDES	DRAWING NO.
12 - 15 - 09	3100	NEW	D31HWC-1



**SINGLE DUCT TERMINAL HOT WATER  
REHEAT COILS**  
FOR USE WITH MODELS: (D, A or P)31RW  
**MODEL SERIES: 31HWC**

Unit Size	1 Row			2 Row			3 Row			4 Row		
	Dry Coil Weight (lbs)	Water Weight (lbs)	Water Volume (gal)	Dry Coil Weight (lbs)	Water Weight (lbs)	Water Volume (gal)	Dry Coil Weight (lbs)	Water Weight (lbs)	Water Volume (gal)	Dry Coil Weight (lbs)	Water Weight (lbs)	Water Volume (gal)
4, 5, 6	5.27	0.16	0.02	6.47	0.40	0.05	9.65	0.61	0.08	10.75	0.75	0.10
7, 8	6.05	0.19	0.03	7.64	0.47	0.06	11.45	1.09	0.15	12.28	0.88	0.12
9, 10	7.08	0.23	0.03	9.25	0.58	0.08	13.59	0.87	0.12	15.75	1.11	0.15
12	9.13	0.46	0.06	11.86	0.71	0.10	16.99	1.07	0.14	19.01	1.37	0.18
14	11.06	0.58	0.08	16.80	1.88	0.25	22.74	2.01	0.27	24.34	1.80	0.24
16	12.61	0.72	0.10	18.79	2.01	0.27	25.34	2.39	0.32	27.56	2.07	0.28
24 x 16	17.40	0.96	0.13	25.43	2.49	0.34	36.52	4.53	0.61	42.58	5.19	0.70

Note: 8.34 lbs / gallon of water.

<b>SCHEDULE TYPE</b>	Page 2 of 2. Dimensions are in inches (mm).			
<b>PROJECT</b>				
<b>ENGINEER</b>	<b>DATE</b>	<b>B SERIES</b>	<b>SUPERSEDES</b>	<b>DRAWING NO.</b>
<b>CONTRACTOR</b>	12 - 15 - 09	3100	NEW	D31HWC-1