



PRODUCT SPECIFICATIONS

AIR HANDLERS B SERIES (EUROPE)

R-410A - Multi-Position - 50HZ (Export Only)

Bulletin No. 490159
October 2013

FEATURES

CABINET

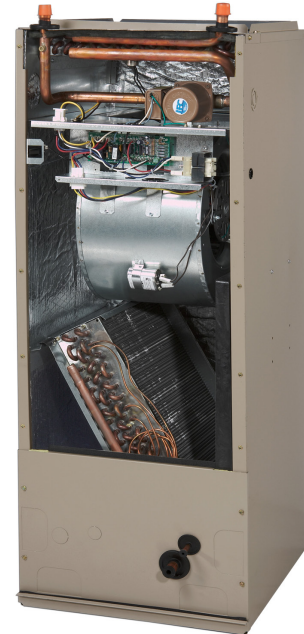
- Enhanced grommets - secure & tight.
- Multi-position available from factory and field convertible.
- Bottom return air on all models.
- All air handlers are basiloid packaged with bar coding and full description on label.
- Magnetic filter rack door makes for easy filter replacement and a tight seal for less air leakage.
- Fiberglass air filter furnished with every air handler and filter racks accepts readily available size filters.
- Taupe painted cabinets constructed of heavy gauge steel to prevent corrosion and are lined with high quality 9.5 mm (5/8 in.) foil faced insulation to prevent sweating.

EVAPORATOR COIL

- Patented lanced fin design and internally enhanced copper tubing.
- Suitable for use with R-410A.
- Dual 19 mm (3/4 in.) FPT left and right condensate drain connections.
- Drain pans are molded of corrosion proof high temperature engineering polymer.
- Coils are air pressure tested at 72 kPa (500 PSI), pressure tested with Helium, sealed and then charged with dry air.
- All models have a factory-installed, internal check/expansion valve.

HOT WATER HEAT

- Suitable for potable water systems.
- Hot Water Heat Coil available factory installed.
- Easy to remove hot water coil for servicing. Remove one screw and slide out.
- Purge valve on hot water coil allows for manual release of any air trapped in coil during installation or servicing.
- Water connections 7/8 in. ODF (for 3/4 in. water pipe) on 24 size models and 1-1/8 in. ODF (for 1 in. water pipe) on 37 and 60 size models.



7.0 to 17.6 kW (2 to 5 Tons)
Optional Electric Heat
2.5 to 5 kW
Optional Hot Water Heat
2.6 to 36.3 kW (9,000 to 124,000 Btuh)

Control board comes standard factory installed on all Air Handlers and includes the following features:

Features are compatible for field installed circulating pumps.

1. Pump timer activates pump for 1 minute every 6 hours eliminating stagnant water in hot water coil.
2. 24 VAC isolation valve control-allows for zoning control.
3. Auxiliary contacts for water heater or boiler activation.
4. Freeze protection- standard factory installed, activates at 4°C (40°F) and deactivates at 21°C (70°F).
5. Thermostat connections.
6. Time delay for blower activation:
 - 60 seconds (tap in OFF position)
 - 54°C (130°F) aquastat (tap in ON position)

FEATURES

BLOWER

- Multi-speed direct drive blower.
- Statically and dynamically balanced.
- Resiliently mounted.
- Blower assembly easily removed for servicing.
- Blower speeds are easily changed on the integrated furnace control. See blower performance tables.

ELECTRICAL FEATURES

- Blower door safety switch on all models.
- Dynamically balanced high efficiency three-speed motors for project flexibility.
- Easy to adjust blower speeds for fine tuning customer comfort.
- Electrical connections can be made on top or both sides of cabinet.
- Electric heat kits available factory installed for 2.5 and 5 kW.
- Factory installed fan time delay postpones blower shutoff 30 seconds in heating mode and 45 seconds in cooling mode.

MODEL NUMBER IDENTIFICATION

	B	C	R	M	A7	9	24	S	00	5														
Series B = Painted cabinet (Taupe)																								
Motor Type C = 3-speed motor																								
Horizontal Drain Pan Position R = Right-Hand																								
Airflow Configuration M = Multi-position ^[1]																								
Slab Number A7 Thru D1																								
Metering Device 9 = Non-Bleed HP-A/C TXV (R-410A)																								
Unit Size (Nominal MBTUH) 24 37, 60 Slant Coil (side return capable) "A" Coil																								
	Voltage 5 = 220 V, 50 Hz, 1 ph. With TD * * 220 V only available in 3-speed blower options and 3N, 4N Heat options.																							
	Heat 00 = No Heat 02 = 2.5 kW electric 05 = 5 kW electric																							
	Hot Water Coil without Pump & Valve Assembly 3N = 3 Row hot water coil [sizes 24-37] 4N = 4 Row hot water coil [sizes 37-60]																							
	Line Voltage Connection <table border="1"> <thead> <tr> <th rowspan="2">S = Stripped Wire</th> <th colspan="4">Amount of Heat</th> </tr> <tr> <th>0 kW</th> <th>2.5 kW</th> <th>5 kW</th> <th>Hot Water</th> </tr> </thead> <tbody> <tr> <td>#</td> <td>#</td> <td>#</td> <td>#</td> <td>#</td> </tr> </tbody> </table> # = Standard										S = Stripped Wire	Amount of Heat				0 kW	2.5 kW	5 kW	Hot Water	#	#	#	#	#
S = Stripped Wire	Amount of Heat																							
	0 kW	2.5 kW	5 kW	Hot Water																				
#	#	#	#	#																				

[1] Multi-position air handlers will have factory intalled horizontal drain pan on right as indicated under horizontal drain pan position.

Notes: Horizontal Drain Pan Position for slant coil models indicate that the opposing side of the cabinet is side air return capable. All Air Handlers with slant coils can be field converted to allow for either left or right side air return.

SPECIFICATIONS

General Data	No Heat Model	BCRMA7924S005	BCRMB9937S005	BCRMC9960S005 (3-row) BCRMD1960S005 (4-row)
	Hot Water Coil Model	BCRMA7924S3N5	BCRMB9937S3N5	BCRMC9960S4N5 (3-row) BCRMD1960S4N5 (4-row)
Nominal kW (tons)		7.0 (2)	10.5 (3)	17.6 (5)
Connections	Suction line (o.d.) - mm (in.) sweat	19 (3/4)	26 (7/8)	26 (7/8)
	Liquid line (o.d.) - mm (in.) sweat	9.5 (3/8)	9.5 (3/8)	9.5 (3/8)
	Condensate - in. fpt	(2) 3/4	(2) 3/4	(2) 3/4
	Circulating pump connection size - in.	7/8	7/8	7/8
Three Speed Blower	Wheel nominal diameter x width - mm (in.)	229 x 152 (9 x 6)	279 x 203 (11 x 8) 240V	254 x 254 (10 x 10)
	Blower motor output - W (hp)	224 (1/3)	224 (1/3)	373 (1/2) 240V
	Nominal air volume - L/s (cfm)	380 (800)	565 (1200)	945 (2000)
Filters	Size of filter - mm (in.)	305 x 508 (12 x 20)	406 x 610 (16 x 24)	457 x 610 (18 x 24)
Shipping Data -1 package - kg (lbs.) less hot water coil		54 (120)	68 (150)	109 (240)

ELECTRICAL DATA

Available Voltage	220V, 50Hz, 1 ph		
Full load amps	1.8	1.9	3.9
Transformer size and type	40VA, Class 2		

ELECTRIC HEAT DATA

Model Number	Heat Type	Electric Heat Capacity		Minimum Blower Heat Setting	Amps	Minimum Circuit Ampacity	Circuit Breaker Amps
		kW	Btuh				
		¹ 240V	¹ 240V		240V	240V	
BCRMA7924S005 BCRMA7924S3N5	Water Heat	0	0	Low	1.8	2.3	15
	No Heat	0	0	Low	1.8	2.3	15
	Elec. Heat	2.5	8 530	Low	1.8	15.3	30
	Elec. Heat	5	17 065	Low	1.8	28.3	30
BCRMB9937S005 BCRMB9937S3N5	Water Heat	0	0	Low	2.6	3.3	15
	No Heat	0	0	Low	2.6	3.3	15
	Elec. Heat	5	17 065	Low	2.6	29.3	45
BCRMC9960S005 BCRMD1960S005 BCRMC9960S4N5 BCRMD1960S4N5	Water Heat	0	0	Low	4.3	5.4	15
	No Heat	0	0	Low	4.3	5.4	15
	Elec. Heat	5	17 065	Low	4.3	31.4	45

¹ For 208 Volts use 0.751 correction factor for kW & Btuh.

BLOWER DATA

Unit Size	Fan Speed Setting	Electric Heat Models										Water Heat Models									
		Pa	In. w.g.	Pa	In. w.g.	Pa	In. w.g.	Pa	In. w.g.	Pa	In. w.g.	Pa	In. w.g.	Pa	In. w.g.	Pa	In. w.g.	Pa	In. w.g.	Pa	In. w.g.
		25	0.10	50	0.20	75	0.30	100	0.40	125	0.50	25	0.10	50	0.20	75	0.30	100	0.40	125	0.50
		L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s	cfm
BCRMA7924S005 BCRMA7924S3N5	Low	298	632	289	612	269	570	236	501	215	456	283	600	274	581	256	542	225	476	204	433
	*Med	384	814	353	747	318	674	281	596	227	482	365	773	335	710	302	640	267	566	216	458
	High	407	862	373	791	333	705	295	626	248	525	386	819	354	751	316	670	281	595	235	499
BCRMB9937S005 BCRMB9937S3N5	Low	590	1251	596	1263	591	1253	573	1214	535	1133	561	1188	566	1200	562	1190	544	1153	508	1076
	*Med	659	1396	659	1397	647	1371	618	1309	573	1215	626	1326	626	1327	614	1302	587	1244	545	1154
	High	817	1731	787	1668	749	1588	702	1487	651	1379	776	1644	748	1585	712	1509	667	1413	618	1310
BCRMC9960S005 BCRMD1960S005 BCRMC9960S4N5 BCRMD1960S4N5	Low	774	1640	747	1583	732	1552	706	1497	679	1439	735	1558	710	1504	696	1474	671	1422	645	1367
	*Med	925	1961	893	1892	856	1814	804	1704	763	1616	879	1863	848	1797	813	1723	764	1619	724	1535
	High	978	2072	944	2001	891	1889	844	1789	775	1643	929	1968	897	1901	847	1795	802	1700	737	1561

* Factory speed setting for heating and cooling.

NOTE - All data is measured while air handler is operating with a dry DX coil and air filter installed.
Heating speeds should not be reduced below factory setting.

NOTE - Blower input watts is calculated at 365W per 472 L/s (1000 cfm).

WATER HEATING CAPACITY

WATER HEATING CAPACITY KW (BTUH)

BCRMA7924S005, BCRMA7924S3N5

Coil Size No. of rows	Entering Water Temp. °C	Water Pressure Drop Pa	3.7 LPM (1 GPM)			7.4 LPM (2 GPM)			11.1 LPM (3 GPM)												
			Pa	in. ft.	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s									
			°F	in. ft.	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s									
2	49	120	50	0.2	2.64	9.004	3.22	10.979	600	375	800	400	285	600	375	800	400	285	600	375	800
	60	140	50	0.2	3.87	13.209	4.57	15.600	600	375	800	400	285	600	375	800	400	285	600	375	800
	71	160	50	0.2	5.17	17.628	5.95	20.302	600	375	800	400	285	600	375	800	400	285	600	375	800
3	49	120	75	0.3	3.31	11.286	4.04	13.771	600	375	800	400	285	600	375	800	400	285	600	375	800
	60	140	50	0.2	4.81	16.401	5.72	19.506	600	375	800	400	285	600	375	800	400	285	600	375	800
	71	160	50	0.2	6.39	21.792	7.42	25.320	600	375	800	400	285	600	375	800	400	285	600	375	800
	82	180	50	0.2	7.89	26.908	9.14	31.193	600	375	800	400	285	600	375	800	400	285	600	375	800

BCRMB937S005, BCRMB937S3N5

Coil Size No. of rows	Entering Water Temp. °C	Water Pressure Drop Pa	11.1 LPM (3 GPM)			14.8 LPM (4 GPM)			18.5 LPM (5 GPM)												
			Pa	in. ft.	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s									
			°F	in. ft.	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s									
3	49	120	199	0.8	8.42	28.726	8.77	29.931	1200	566	1200	1000	519	1100	566	1200	1000	519	1100	566	1200
	60	140	199	0.8	11.90	40.610	12.41	42.329	1200	566	1200	1000	519	1100	566	1200	1000	519	1100	566	1200
	71	160	199	0.8	15.42	52.624	16.08	54.869	1200	566	1200	1000	519	1100	566	1200	1000	519	1100	566	1200
4	49	120	249	1.0	9.81	33.478	10.25	34.963	1200	566	1200	1000	519	1100	566	1200	1000	519	1100	566	1200
	60	140	249	1.0	13.85	47.246	14.47	49.386	1200	566	1200	1000	519	1100	566	1200	1000	519	1100	566	1200
	71	160	249	1.0	17.92	61.139	18.73	63.925	1200	566	1200	1000	519	1100	566	1200	1000	519	1100	566	1200
	82	180	249	1.0	22.02	75.121	23.02	78.563	1200	566	1200	1000	519	1100	566	1200	1000	519	1100	566	1200

BCRMC9960S005, BCRMD1960S005, BCRMC9960S4N5, BCRMD1960S4N5

Coil Size No. of rows	Entering Water Temp. °C	Water Pressure Drop Pa	11.1 LPM (3 GPM)			14.8 LPM (4 GPM)			18.5 LPM (5 GPM)												
			Pa	in. ft.	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s									
			°F	in. ft.	cfm	L/s	cfm	L/s	cfm	L/s	cfm	L/s									
3	49	120	298	1.2	10.93	37.308	11.12	37.936	2000	944	2000	1800	897	1900	944	2000	1800	897	1900	944	2000
	60	140	298	1.2	15.47	52.797	15.74	53.693	2000	944	2000	1800	897	1900	944	2000	1800	897	1900	944	2000
	71	160	298	1.2	20.07	68.481	20.41	69.650	2000	944	2000	1800	897	1900	944	2000	1800	897	1900	944	2000
4	49	120	274	1.1	12.80	43.662	13.01	44.406	2000	944	2000	1800	897	1900	944	2000	1800	897	1900	944	2000
	60	140	274	1.1	18.07	61.666	18.38	62.721	2000	944	2000	1800	897	1900	944	2000	1800	897	1900	944	2000
	71	160	274	1.1	23.40	79.853	23.80	81.224	2000	944	2000	1800	897	1900	944	2000	1800	897	1900	944	2000
	82	180	274	1.1	28.77	98.172	29.27	99.863	2000	944	2000	1800	897	1900	944	2000	1800	897	1900	944	2000

All capacities are based on 21°C (70°F) entering air temperature.
 For entering air temperatures other than 21°C (70°F) use the following capacity correction factors:
 22.2°C (72°F) x 0.982, 20°C (68°F) x 1.02, 18.8°C (66°F) x 1.04,
 Glycol correction factors: (10% X 0.98), (20% X 0.95), (30% X 0.92), (40% X 0.88)

HYDRONIC SYSTEM DESIGN

Hydronic System Design

Includes: Heating coil selection, line sizing and selected pump supplied by other

Sample Application

10.5 kW Cooling Load
 82°C Water Temp
 40% Glycol Mixture
 17.6 kW Heat Required

(1) From the 10.5 kW heating capacity tables select a hot water coil that supplies at least 17.6 kW at 565 L/s, 82°C water temperature

The 3 row coil supplies 20.2 kW @ 14.8 LPM, 0.5 kPa pressure drop
 Correct capacity for 40% glycol (correction factors found below capacity chart)

	20.2
X	0.88
Corrected coil heating capacity (kW)	= 17.7

(2) Determine total equivalent line length

Note: Use the following line sizes as a guide for initial selection

1 - 11.1 LPM, 19 mm	4 - 18.5 LPM, 25 mm	6 - 29.6 LPM, 32 mm
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Line size	25 mm		Equiv. length of pipe (Table 3)			
Total number of fittings	<u>Quantity</u>			=		
90° SR elbows	<u>20</u>	X	<u>0.79 m</u>	=	<u>16.4 m</u>	<u>16.4 m</u>
90° LR elbows	<u>0</u>	X	<u>0</u>	=	<u>0</u>	+ 0
45° elbows	<u>0</u>	X	<u>0</u>	=	<u>0</u>	+ 0
gate valves	<u>2</u>	X	<u>533 mm</u>	=	<u>1.2 m</u>	+ 1.1 m
Total supply and return line length						+ 56.7 m
Total equivalent line length						= 74.3 m

(3) Determine total pump head required

		Press. Drop/Pa (Table 1)			
Total equivalent line length	<u>74.3 m</u>	X	<u>3.7</u>	=	<u>2.75</u>
Total pressure drop through coil (found on capacity chart)					+ 0.67 m
Line length correction factor for 40% glycol @ 82°C (Table 2)					X 1.12
Total pump head required					2.0 m

(4) Now select a pump that supplies 14.8 LPM with at least 2.0 m head capability.

Note: If desired, recalculation can be done with another line size to vary pump requirement.

Nominal Pipe Size	Piping Pressure Loss, mm/25 mm (type K copper)																	
	LPM																	
	1	1.25	1.5	1.75	2	2.25	2.5	2.75	3	3.25	3.5	3.75	4	4.5	5	6	7	8
1/2 in.	.030	.048	.065	.083	.100	.125	.150	.175	.200	-	-	-	-	-	-	-	-	-
3/4 in.	.005	.009	.012	.016	.019	.024	.029	.034	.039	.045	.050	.056	.062	.077	.092	.130	-	-
1 in.	-	-	-	-	.005	.006	.007	.008	.009	.011	.012	.014	.015	.019	.023	.033	.042	.053
1-1/4 in.	-	-	-	-	-	-	-	-	-	-	-	-	.005	.007	.008	.011	.015	.018

% Glycol	Pressure Drop Correction		
	60°C	71°C	82°C
10	1.04	1.04	1.02
20	1.08	1.07	1.04
30	1.13	1.11	1.08
40	1.19	1.16	1.12
50	1.24	1.21	1.17

Pipe Size	Equivalent ft. of pipe			
	90° SR el	90° LR el	45° el	gate valve
1/2"	1.5	0.8	1	1
3/4"	2	1	1.4	1.4
1"	2.7	1.3	1.9	1.9
1 1/4"	3.6	1.8	2.5	2.5

MAXIMUM LINE LENGTHS FOR HEATING COILS

Maximum Line Lengths for Heating Coils Using Furnished Pump

All line lengths are total for supply and return

Air Handler Size	Water Coil Size (rows)	Nominal Pipe Size (ID)	Maximum Supply Pipe Length - m (ft.) type K copper																											
			LPM	GPM	LPM	GPM	LPM	GPM	LPM	GPM	LPM	GPM	LPM	GPM	LPM	GPM	LPM	GPM	LPM	GPM	LPM	GPM	LPM	GPM	LPM	GPM	LPM	GPM		
			mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
BCRMA7924S005 BCRMA7924S3N5	2	13	1/2	78	256	45	149	30	100	22	71	16	53	11	35	7	23	5	15	2	8	---	---	---	---	---	---	---	---	
		19	3/4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	3	25	1/2	78	256	45	148	30	98	21	70	16	51	10	33	6	20	4	12	2	5	---	---	---	---	---	---	---	---	
		19	3/4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
BCRMB9937S005 BCRMB9937S3N5	3	19	3/4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
		25	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	4	32	1 1/4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
		19	3/4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
BCRMC9960S005 BCRMC9960S4N5 BCRMD1960S005 BCRMD1960S4N5	3	32	1 1/4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
		19	3/4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	4	25	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
		32	1 1/4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
BCRMC9960S005 BCRMC9960S4N5 BCRMD1960S005 BCRMD1960S4N5	3	32	1 1/4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
		19	3/4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	4	25	1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
		32	1 1/4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	

NOTES:

1. Line lengths are based on water only. To adjust maximum line lengths for glycol, divide length by the factors shown in Table 2.
2. **IMPORTANT:** Glycol should never be used in a potable water system.
3. All lengths are based on closed loop systems.
4. Line lengths in **bold** should not be used when a water heater is the source of heat. When using a boiler for these line lengths, excessive line temperature loss will occur and must be accounted for.
5. Supply and return lines must be properly insulated to reduce temperature loss and to prevent freezing when passing through an unconditioned space.
6. All lengths include (12) 90° short radius elbows. To adjust for extra or fewer fittings, use the factors in Table 1.
7. Always use full flow ball or gate valves to minimize pressure drop.

MAXIMUM LINE LENGTHS FOR HEATING COILS

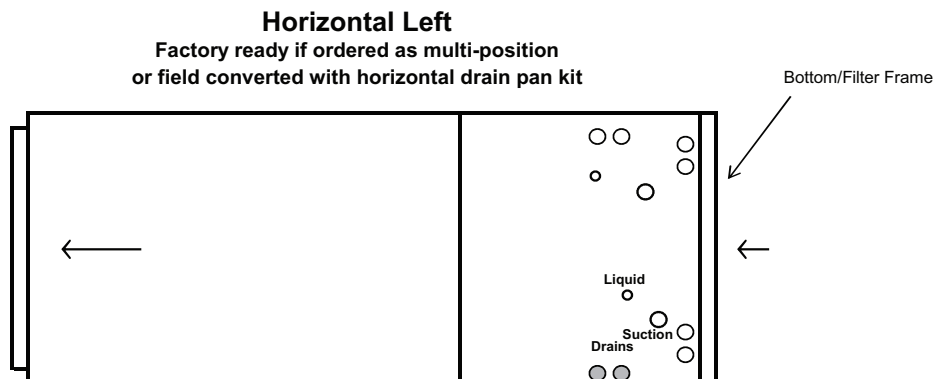
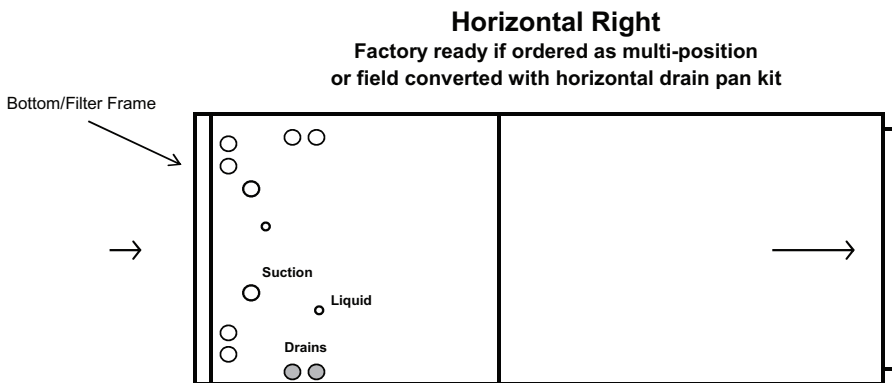
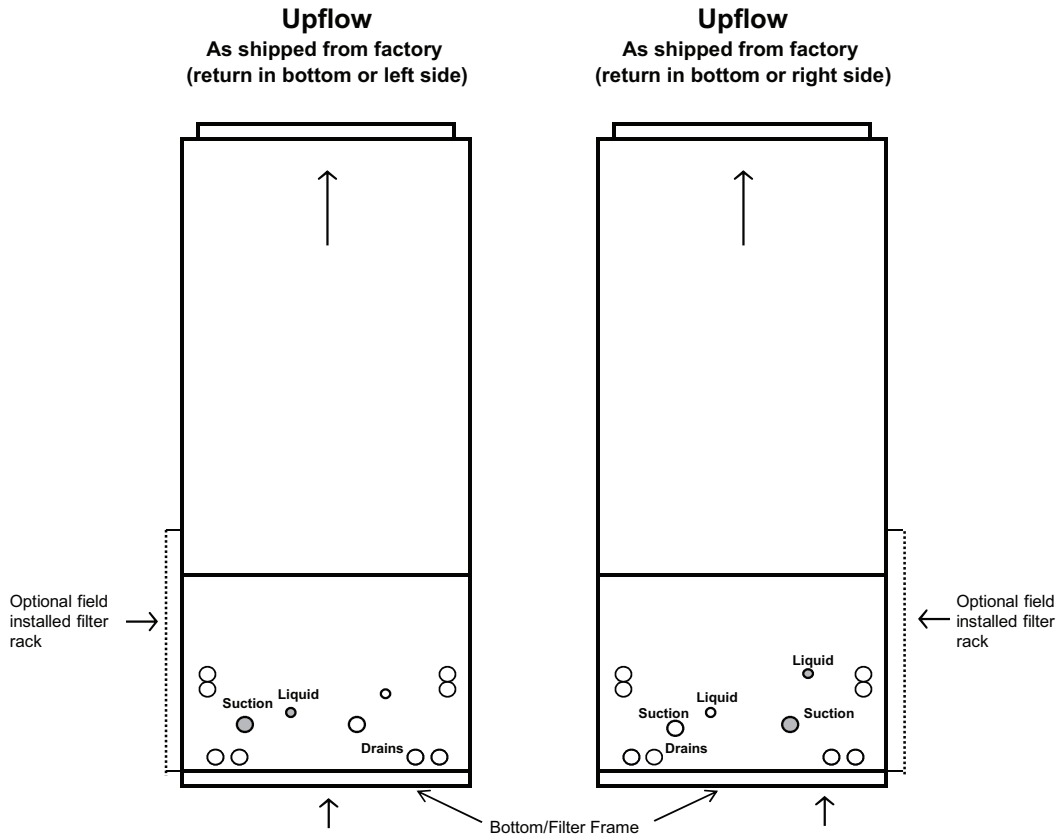
TABLE 1		Equivalent Length of Pipe							
Pipe size		90° SR ell		90° LR ell		45° ell		Gate Valve	
mm	in.	mm	ft.	mm	ft.	mm	ft.	mm	ft.
13	1/2	457	1.5	244	0.8	254	1	254	1
19	3/4	610	2	254	1	427	1.4	427	1.4
25	1	822	2.7	396	1.3	579	1.9	579	1.9
32	1-1/4	1097	3.6	549	1.8	762	2.5	762	2.5

TABLE 2	Fluid Temperature		
% Glycol	60°C (140°F)	71°C (160°F)	82°C (180°F)
10	1.04	1.04	1.02
20	1.08	1.07	1.04
30	1.13	1.11	1.08
40	1.19	1.16	1.12
50	1.24	1.21	1.17

INSTALLATION CONFIGURATIONS

BCRMA7924S005, BCRMA7924S3N5

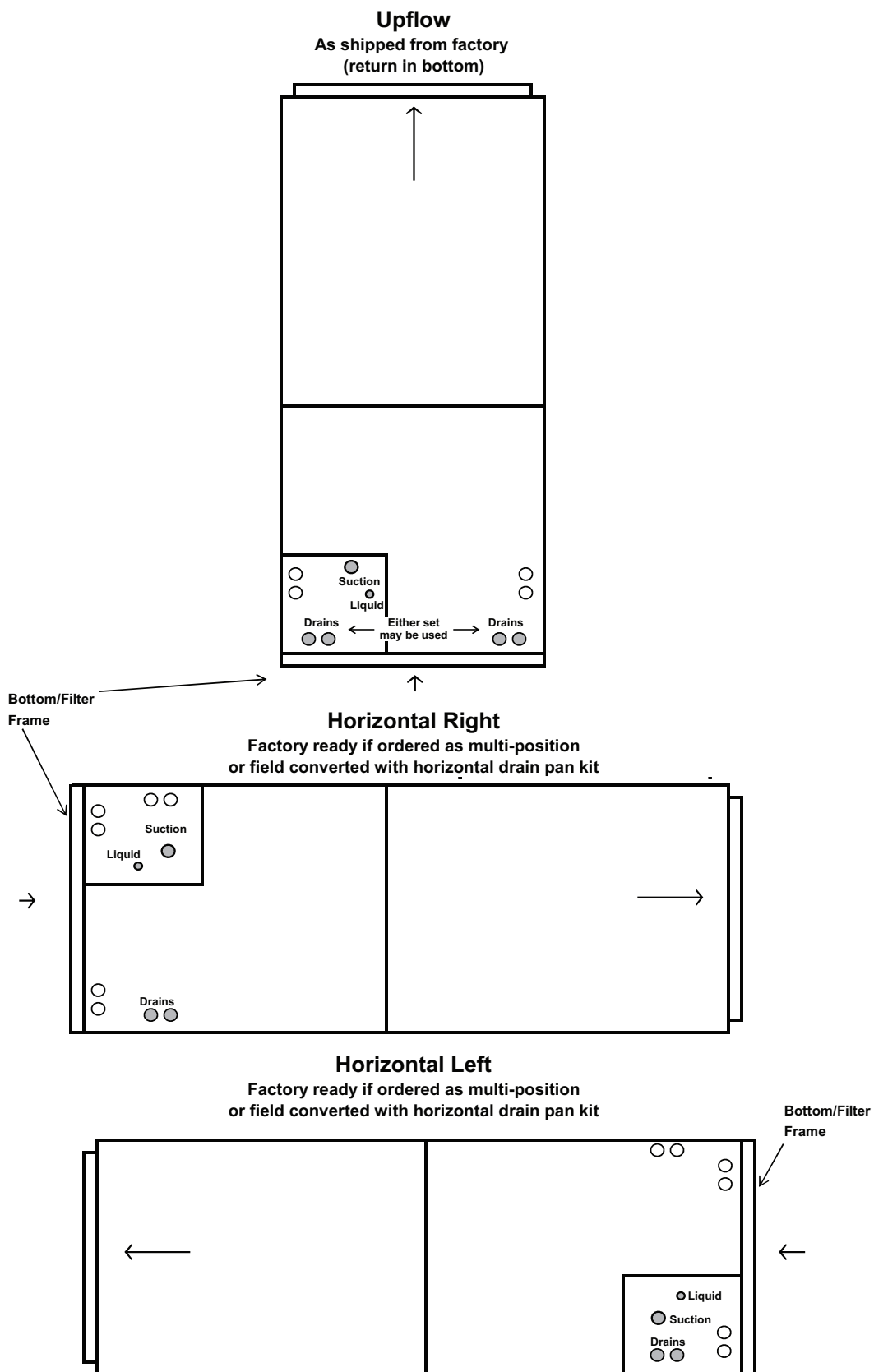
Shading Indicates Proper Line Connections



INSTALLATION CONFIGURATIONS

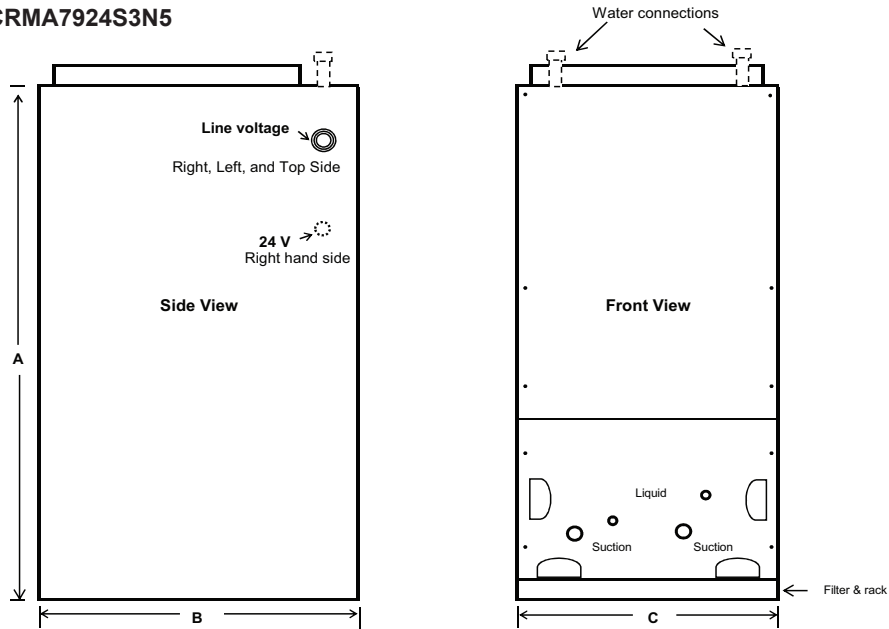
BCRMB9937S005, BCRMB9937S3N5,
BCRMC9960S005, BCRMD1960S005, BCRMC9960S4N5, BCRMD1960S4N5

Shading Indicates Proper Line Connections



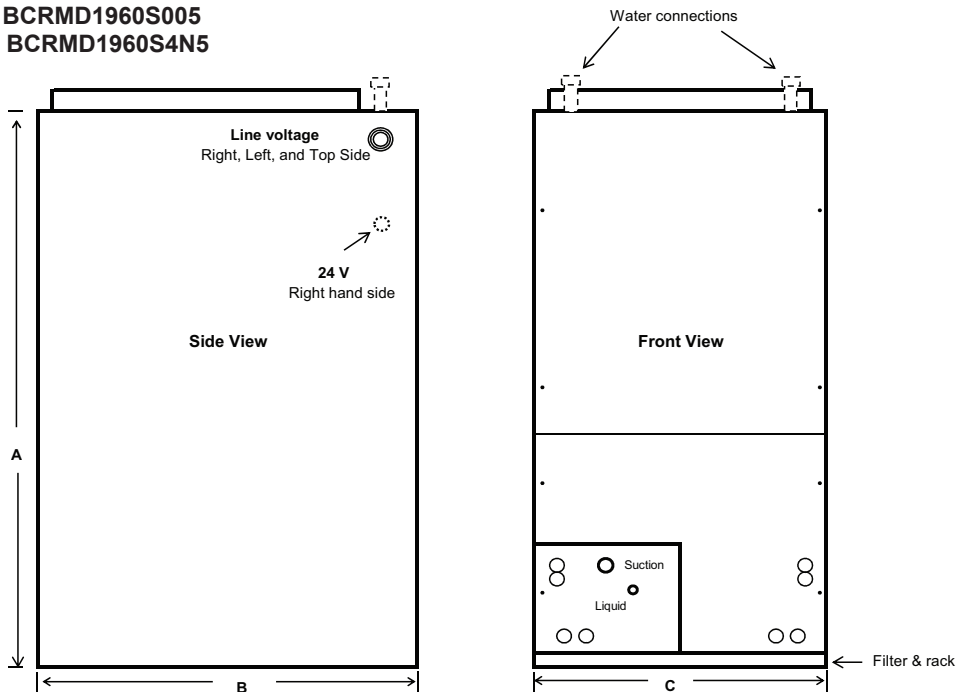
DIMENSIONS - MM (INCHES)

BCRMA7924S005, BCRMA7924S3N5



Model Number	A		B		C		Supply Duct Opening				Return Duct Opening			
	Depth X Width		Depth X Width		Depth X Width		Depth X Width		Depth X Width		Depth X Width		Depth X Width	
	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
BCRMA7924S005, BCRMA7924S3N5	1118	44	559	22	381	15	432	17	343	13-1/2	508	20	318	12-1/2

BCRMB9937S005, BCRMB9937S3N5,
BCRMC9960S005, BCRMD1960S005
BCRMC9960S4N5, BCRMD1960S4N5



Model Number	A		B		C		Supply Duct Opening				Return Duct Opening			
	Depth X Width		Depth X Width		Depth X Width		Depth X Width		Depth X Width		Depth X Width		Depth X Width	
	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
BCRMB9937S005 BCRMB9937S3N5	1244	49	660	26	508	20	533	21	470	18-1/2	603	23-3/4	435	17-1/8
BCRMC9960S005 BCRMD1960S005 BCRMC9960S4N5 BCRMD1960S4N5	1346.2	53	660	26	559	22	533	21	521	20-1/2	603	23-3/4	486	19-1/8



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