



BILL OF MATERIAL

Item No.	Part No.	Description	Quantity
1	10211-005	END COCK, STRAIGHT LEFT HAND	2
2	10223-001-02	WEDGE, 1 1/4" PIPE CLAMP	17
3	10223-002-01	BASE, PIPE CLAMP, 1 1/4"	1
4	10223-007-02	WEDGE, 3/4" PIPE CLAMP	18
5	10229-219	ASSEMBLY, HOSE - 32.0 OVERALL LENGTH	3
6	10229-220	ASSEMBLY, HOSE - 45.0 OVERALL LENGTH	3
7	10229-229	ASSEMBLY, HOSE - 22.0 OVERALL LENGTH	1
8	10229-240	ASSEMBLY, DOOR LINE END HOSE, QRS	2
9	10240-013	NIPPLE, 3/4" X 2" XH THREADED BOTH ENDS	1
10	10240-015	NIPPLE, 3/4" X 8" XH THREADED BOTH ENDS	2
11	10240-019	FITTING, ELBOW, 3/4" X 90° THREADED	2
12	10240-038	BALL VALVE, 1/2", W/ TEE HANDLE	1
13	10240-040	BALL VALVE, 3/4" W/ LEVER HANDLE	1
14	10240-052	NIPPLE, 3/4" X 3" XH THREADED BOTH ENDS	6
15	10240-054	NIPPLE, 3/4" X 5" XH THREADED BOTH ENDS	3
16	10240-066	GASKET, 1" GASKET	2
17	10240-067	FITTING, 3/4" STRT SWV FLG SW, GG	2
18	10240-069	GASKET, 3/4" GASKET	2
19	10240-131	PIPE PLUG, 1" PIPE PLUG	2
20	10240-133	NIPPLE, 3/4" X 5" XH THREADED ONE END	2
21	10240-141	NIPPLE, 3/4" X 8" XH THREADED ONE END	1
22	10240-145	COUPLING, 1 1/4" SW X SW DEEP	1
23	10240-184	FITTING, 3/4" 90 DEG MALE SWIVEL ADAPTER	9
24	10240-186	FITTING, 3/4" 90 DEG FEMALE SWIVEL ADAPTER	11
25	10240-196	STREET ELBOW, 1" X 90	2
26	10240-440	NIPPLE, 1/2" X 6" XH THREADED BOTH ENDS	1
27	10240-457	FITTING, FEMALE HYDRAULIC COUPLING DUST CAP	2
28	10240-459	NIPPLE, 3/4" X 1 1/2" XH THREADED BOTH ENDS	2
29	10240-459	FITTING, QUICK COUPLING, PARKER BH6-61	2
30	10243-017	SILICONE, RTV CLEAR, AEROSOL, AS REQ	1
31	10250-003	NUT, CENTER LOC @ 1/2", 13, ZINC PLATED	12
32	10250-100	NUT, 5/16" HEX LOCK, NYLON INSERT	4
33	10260-002	PIPE, 1.25", EXTRA HEAVY	1
34	10260-004	PIPE, 0.750", EXTRA HEAVY	1
35	10260-230	ASSEMBLY, 3/4" TRACLINE - 44.000 DAL	1
36	10260-231	ASSEMBLY, 3/4" TRACLINE - 48.000 DAL	3
37	10260-238	ASSEMBLY, 3/4" TRACLINE - 42.000 DAL	2
38	10264-001	UNA-DRIV, 5/8" DIA X 1 1/2"	10
39	10264-004	NUT, 5/8" UNA-DRIV STOVER	10
40	10298-013	BOLT, 1/2" DIA X 2"	4
41	10298-019	BOLT, 1/2" DIA X 1 1/2", ZINC PLATED	4
42	10298-067	BOLT, 1/2" DIA X 1 1/4", ZINC PLATED	4
43	10298-130	BOLT, 1/2" DIA X 2 1/4"	4
44	10298-161	BOLT, 5/16" DIA X 1 1/4", ZINC PLATED	2
45	10305-087	CHECK VALVE, 3/4"	1
46	10305-571	AIR FILTER, 92-269421, 10 MICRON ELEMENT	1
47	10305-669	VALVE, INDEPENDENT DOOR CONTROL	1
48	10305-671-01	ASSEMBLY, ALL-IN-ONE TOUCH PAD	1
49	10305-671-02	ASSEMBLY, ALL-IN-ONE TOUCH PAD	1
50	10315-058	ELECTRICAL CABLE, 5 POLE JUMPER CABLE	1
51	10315-059	ELECTRICAL CABLE, 5 POLE JUMPER CABLE	1
52	10315-064	GROUNDING STRAP, 14 GA, BRAIDED COPPER	2
53	10340-008	WASHER, 3/8" STANDARD, ZINC PLATED	2
54	10340-010	WASHER, 1/2" STANDARD, ZINC PLATED	8
55	10340-126	WASHER, 5/16" SAE, ZINC PLATED	8
56	10340-127	WASHER, 1/2" HELICAL SPLIT LOCK	4
57	10341-011	CAP SCREW, 3/8" X 1 1/4" HH, ZINC PLATED	2
58	10343-047	LOCITE, THREADLOCKER 262, FOR PERMANENT APPS	1
59	10343-073	CABLE TIE, NYLON HIGH TENSILE, 14.563 X 0.3	7
60	A10266-000	ASSEMBLY, PIPE CLAMP (1 1/4")	1
61	A107070-000	ASSEMBLY, 3/4" PIPE CLAMP	1
62	A107078-000	ASSEMBLY, 3/4" PIPE CLAMP SUPPORT	2
63	A107079-000	ASSEMBLY, 1 1/4" PIPE CLAMP	1
64	A107082-000	ASSEMBLY, 3/4" PIPE CLAMP	1
65	A107083-001	ASSEMBLY, 3/4" PIPE CLAMP	1
66	A107083-002	ASSEMBLY, 3/4" PIPE CLAMP	1
67	A107322-001	ASSEMBLY, 3/4" PIPE CLAMP	2
68	A108600-001	ASSEMBLY, 1 1/4" PIPE CLAMP	3
69	A108600-002	ASSEMBLY, 1 1/4" PIPE CLAMP	3
70	A108976-000	ASSEMBLY, A-END DOOR LINE PIPE	1
71	A108978-000	ASSEMBLY, B-END DOORLINE PIPE	1
72	A108979-000	ASSEMBLY, A-END DOORLINE TO TEE PIPE	1
73	A108980-000	ASSEMBLY, DOOR VALVE TO TEE PIPE	1
74	A108984-001	ASSEMBLY, SPOUT VALVE PIPE	4
75	A108984-002	ASSEMBLY, AIR WAYSIDE AIR PIPE	2
76	A108995-000	ASSEMBLY, AIR CHECK VALVE TO TEE PIPE	1
77	A108997-000	ASSEMBLY, DOOR LINE TO QUICK DISCON. PIPE	1
78	A109092-010	ASSEMBLY, 1 1/4" ECP PIPE	1
79	A109092-020	ASSEMBLY, 1 1/4" ECP PIPE	1
80	M102739-000	BRACKET, 1" STRAIGHT COCK	2
82	M107077-001	SUPPORT, DOOR CONTROL VALVE	1
84	M107775-000	SUPPORT, DOOR CONTROL VALVE	1
85	M106981-000	PLATE, TOUCH-PAD GROUND	2

Level	Date	Approved	Description
			REVISIONS
FreightCar America			
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Standard Tolerances (Unless Noted)			
Decimal Dimensions ± 0.063 Diagonals 0.125 Max. Variation Radii will be thicknesses of material Angles ± 1° Tolerances are not accumulative			
Made By: JWB Date: 12-27-12 Ref Dwg: A107050-000			
Approved: JWB Do Not Scale Drawing Est. Wt: 32940.34 lbs			
ARRANGEMENT, DOOR OPERATION			
Sheet 1 of 2 Rev. E A108947-000			

