

TECHNICAL SPECIFICATION:

AIR CONDITIONING KIT 23 PHELOPHEPA TRAIN SET #2 HEALTH CARE COACH #14

DATE RELEASED

03 SEPTEMBER 2010

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Document Name: Technical Specification – Air Conditioner kit 14 for
Phelophepa 2 Health Care Coach 14

Classification: External Use

Document Serial No: 0426

Document Owner: Product Engineering Specialist (Mainline Coaches)

Date: 03 September 2010

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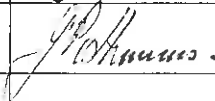
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CHANGE CONTROL

Control	Name and Description	Signature	Date
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Approved:	Bryan Ballantyne National Product Development Manager		

LIST OF REVISIONS

Revisions (Series)	Train set No.	Date	Name	Description of modification

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AIR CONDITIONING KIT 23 FOR PHELOPHEPA 2 HEALTH CARE COACH 14

1. SCOPE

THIS SPECIFICATION DESCRIBES THE AIR CONDITIONER KIT TO BE SUPPLIED FOR PHELOPHEPA 2 HEALTH CARE COACH 14. THE MATERIAL NUMBER FOR THIS KIT IS 085808779.

2. SPECIFICATION

ALL AIR CONDITIONING EQUIPMENT MUST BE SUPPLIED IN ACCORDANCE WITH TECHNICAL SPECIFICATION PD-PDC-NAT-SPEC-0044 : REQUIREMENTS FOR AIR CONDITIONING UNITS ON MAIN LINE POWER CAR TRAIN SETS.

3. AIR CONDITIONER UNITS REQUIRED

THE VARIOUS COMPONENTS AND QUANTITIES REQUIRED FOR PHELOPHEPA 2 HEALTH CARE COACH 14 ARE TABULATED BELOW :

Phelophepa 2 Health Care Coach 14			
Component	Type	Qty	Description
Standard evaporator mid-wall mounted	Daikin: 2,5kW R410 inverter driven	5	
Standard condenser unit	Daikin: 2,5kW R410 inverter driven	5	
Standard hideaway evaporator unit	Daikin: FBQ71B8V38	1	
Standard condenser units	Daikin: RZQ71B9V3B	1	
Remote control	Daikin: BRC1D528	6	
Evaporator ducting and louvres	SME custom manufactured	5	
Flexible A/C hoses	Fittings on each side	6 sets	
Fresh air fan	VZE 250CB	5	
Fresh air ducting	With inlet and outlet louvers	2 sets	
Four core silicon cable	Cable between indoor and outdoor units	±70m	
Connecting wire	Between indoor unit and remote control	6 sets	
Extraction fan	VZE 250CB	7	
Booster fan	VZE 250CB	1	

3. AIR-CONDITIONING LAYOUT :

See sketch PD-PDC-NAT-SKT-0203

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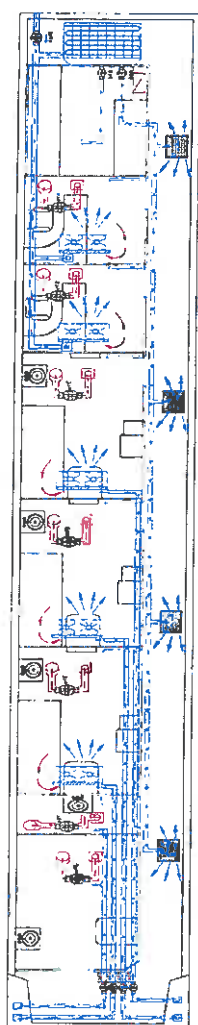
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DATE	TIME	LOCATION	WIND	SEA	TEMP	DEPTH	REMARKS
1964-01-15	0800	10°N 155°E	10K	1-2	25.0	1000	Cloudy
1964-01-15	1200	10°N 155°E	10K	1-2	25.0	1000	Cloudy
1964-01-15	1600	10°N 155°E	10K	1-2	25.0	1000	Cloudy
1964-01-15	2000	10°N 155°E	10K	1-2	25.0	1000	Cloudy
1964-01-16	0400	10°N 155°E	10K	1-2	25.0	1000	Cloudy
1964-01-16	0800	10°N 155°E	10K	1-2	25.0	1000	Cloudy
1964-01-16	1200	10°N 155°E	10K	1-2	25.0	1000	Cloudy
1964-01-16	1600	10°N 155°E	10K	1-2	25.0	1000	Cloudy
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1964-01-17	2000	10°N 155°E	10K	1-2	25.0	1000	Cloudy

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