

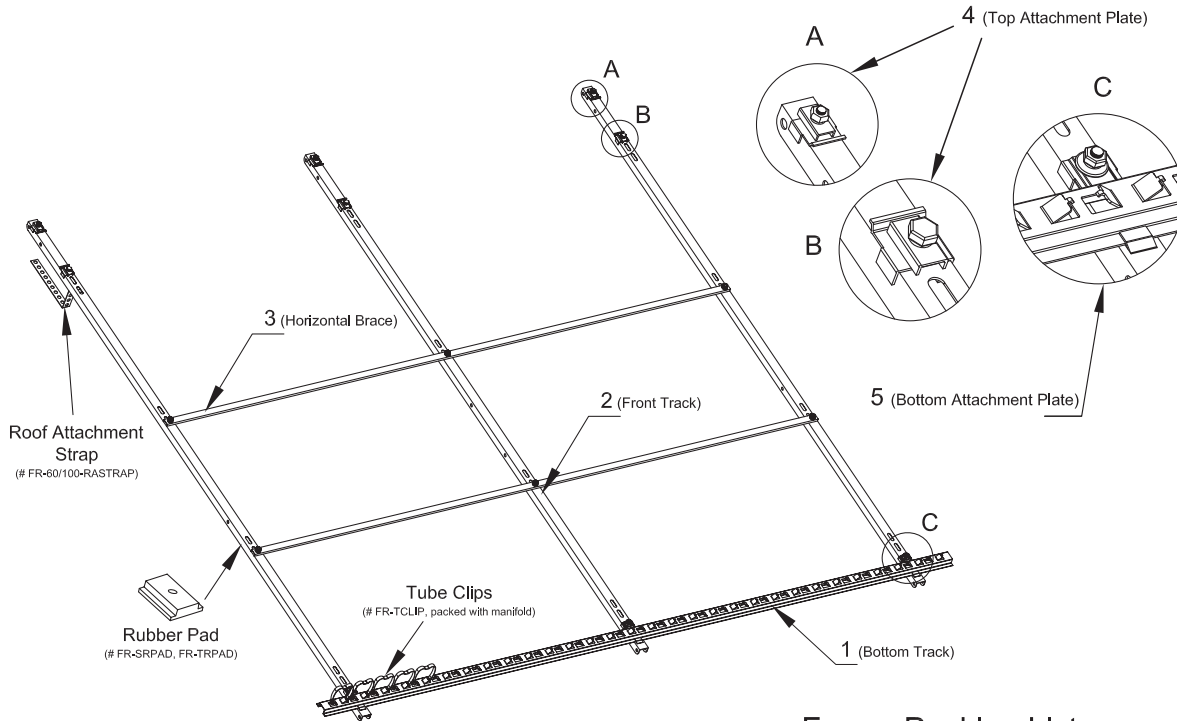
9. Appendices

Appendix A (Standard Frame Kit Assembly Diagram)

Apricus Solar Collector Standard Frame Kit

Part #: FR-XX-STANDARD

This frame is suitable for flush installation on a pitched roof. If installing on a low pitched roof, or flat roof, an additional frame kit is required which will complement the components already contained in this standard frame kit.



Frame Packing List

Part #	Component Quantities	
	10 & 20 Tube	22 & 30 Tube
1. FR-BTRACK-XX	1	1
2. FR-FTRACK-XX	2	3
3. FR-HBRACE	2	2
4. FR-TOP APLATE	4	6
5. FR-BOTTOM APLATE	2	3
6. FR-BOLT-M8x20	6	9
7. FR-BOLT-M8x30	4	6
8. FR-NUT-M8	10	15
9. FR-WASH-B	4	6
10. FR-SWASH	10	15
11. FR-WASH-S	4	6
12. FR-NLOCK	14	21

Nuts and bolts are already attached to the appropriate components.

Roof Attachment Options (Components Supplied Separately)

Tiled Roof - *Roof Attachment Straps*

Corrugated Iron Roof - *Standard Rubber Pads*

Asphalt Shingle Roof - *Extra Thick Rubber Pads*

or

Low, Mid, High or Fixed Angle Frame Kit

SAFETY CONSIDERATIONS

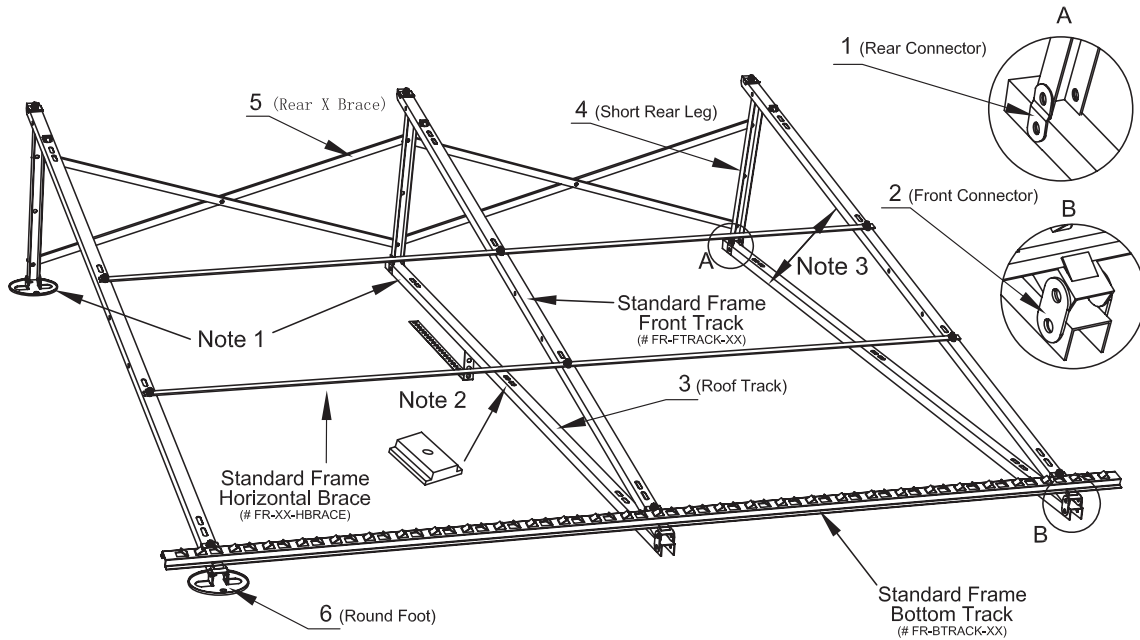
- Wear gloves when handling frame components
- If installing on corrugated iron roofs, always use rubber pads, thus preventing direct contact between galvanised iron and stainless steel frame.
- Ensure roof attachment points are structurally sound
- Follow relevant safety regulations regarding working on roofs

Appendix B (Low Angle Frame Kit Assembly Diagram)

Apricus Solar Collector Low Angle Frame Kit

Part #: FR-XX-LOW-RFOOT/RTRACK

The components contained in this package combine with the standard frame to form the complete frame assembly shown below.



Notes:

1. There are two mounting options, ROUND FEET or ROOF TRACKS.
2. When using the Roof Tracks, attachment to roof may be via roof attachment straps (# FR-60/100-RASTRAP) or rubber pads (# FR-SRPAD, FR-TRPAD) depending on roof surface.
3. ROUND FEET provide adjustable angle of 11-13deg.
ROOF TRACKS provide a set angle of 12deg.

Nuts and bolts are already attached to the appropriate components.

SAFETY CONSIDERATIONS

- Wear gloves when handling frame components
- If installing on galvanised iron roofs, always use rubber pads or rubber feet covers to preventing direct contact between galvanised iron and stainless steel frame.
- Ensure roof attachment points are structurally sound
- Follow relevant safety regulations regarding working on roofs

Frame Packing List

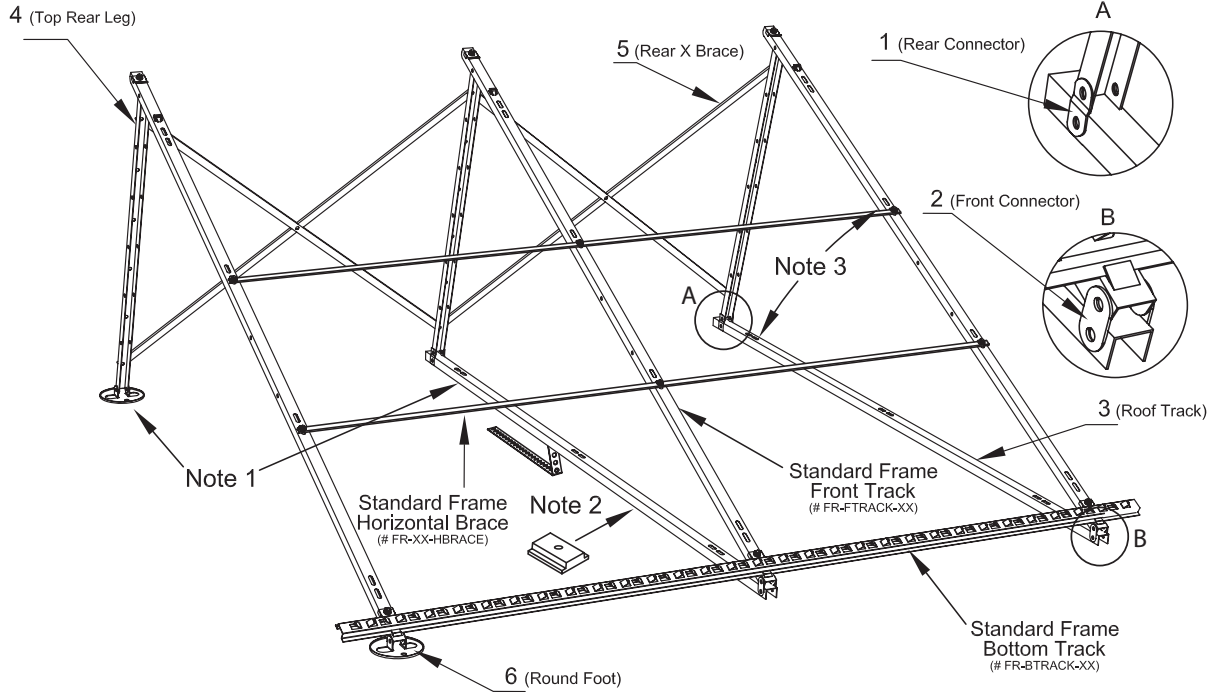
Part #	Component Quantities			
	10 & 20 Tube		22 & 30 Tube	
	FEET	R.TRACK	FEET	R.TRACK
1. FR-RCON	4		6	
2. FR-FCON	4		6	
3. FR-RTRACK	-	2	-	3
4. FR-SRLEG	2		3	
5. FR-RXB-MID-XX	2		4	
6. FR-RFOOT	4	-	6	-
7. FR-BOLT-M8x50	6	10	9	15
8. FR-BOLT-M8x40	1		4	
9. FR-BOLT-M8x20	4	4	4	4
10. FR-NUT-M8	11	15	17	23
11. FR-SWASH	11	15	17	23
12. FR-WASH-S	17	25	26	38
13. FR-WASH-B	4	-	6	-
14. FR-NLOCK	5	5	8	8
15. FR-SPAN-12/14	1			

Appendix C (Mid Angle Frame Kit Assembly Diagram)

Apricus Solar Collector Mid Angle Frame Kit

Part #: FR-XX-MID-RFOOT/RTRACK

The components contained in this package combine with the standard frame to form the complete frame assembly shown below.



Notes:

1. There are two mounting options, ROUND FEET or ROOF TRACKS.
2. When using the Roof Tracks, attachment to roof may be via roof attachment straps (# FR-60/100-RASTRAP) or rubber pads (# FR-SRPAD, FR-TRPAD) depending on roof surface.
3. ROUND FEET provide an adjustable angle of 21-28deg. ROOF TRACKS provide a set angle of 27deg.

Nuts and bolts are already attached to the appropriate components.

SAFETY CONSIDERATIONS

- Wear gloves when handling frame components
- Feet must be bolted to ground
- Ensure attachment points are structurally sound
- Follow relevant safety regulations regarding working on roofs

Frame Packing List

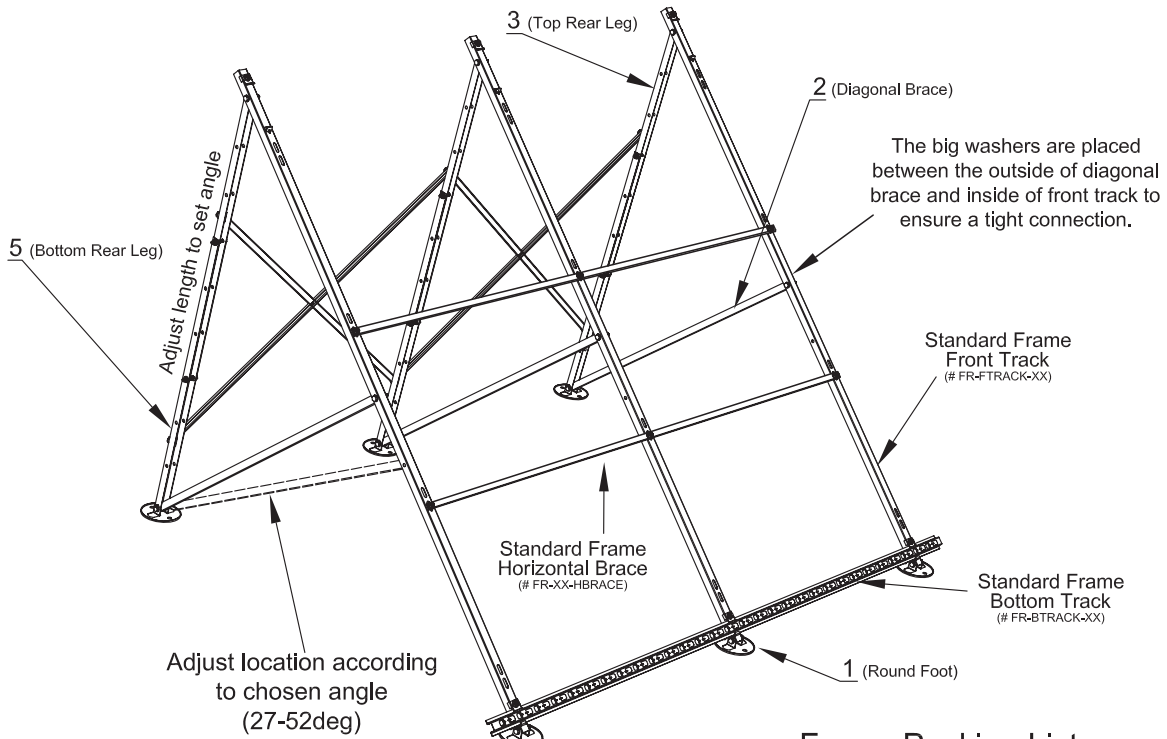
Part #	Component Quantities			
	10 & 20 Tube		22 & 30 Tube	
	FEET	R.TRACK	FEET	R.TRACK
1. FR-RCON	4		6	
2. FR-FCON	4		6	
3. FR-RTRACK	-	2	-	3
4. FR-TRLEG	2		3	
5. FR-RXB-MID-XX	2		4	
6. FR-RFOOT	4	-	6	-
7. FR-BOLT-M8x50	6	10	9	15
8. FR-BOLT-M8x40	1		4	
9. FR-BOLT-M8x20	4	4	4	4
10. FR-NUT-M8	11	15	17	23
11. FR-SWASH	11	15	17	23
12. FR-WASH-S	17	25	26	38
13. FR-WASH-B	4	-	6	-
14. FR-NLOCK	5	5	8	8
15. FR-SPAN-12/14			1	

Appendix D (Round Foot High Angle Frame Kit Assembly Diagram)

Apricus Solar Collector High Angle Frame Kit

Part #: FR-XX-HIGH-RFOOT

The components contained in this package combine with the standard frame to form the complete frame assembly shown below.



Frame Packing List

Part #	Component Quantities	
	10 & 20 Tube	22 & 30 Tube
1. FR-RFOOT	4	6
2. FR-DBRACE	2	3
3. FR-TRLEG	2	3
4. FR-RXB-HIGH-XX	2	4
5. FR-BRLEG	2	3
6. FR-BOLT-M8x50	12	18
7. FR-BOLT-M8x40	1	4
8. FR-BOLT-M8x20	4	4
9. FR-NUT-M8	17	26
10. FR-SWASH	17	26
11. FR-WASH-S	29	44
12. FR-WASH-B	8	12
13. FR-NLOCK	5	8
14. FR-SPAN-12/14		1

Nuts and bolts are already attached to the appropriate components

SAFETY CONSIDERATIONS

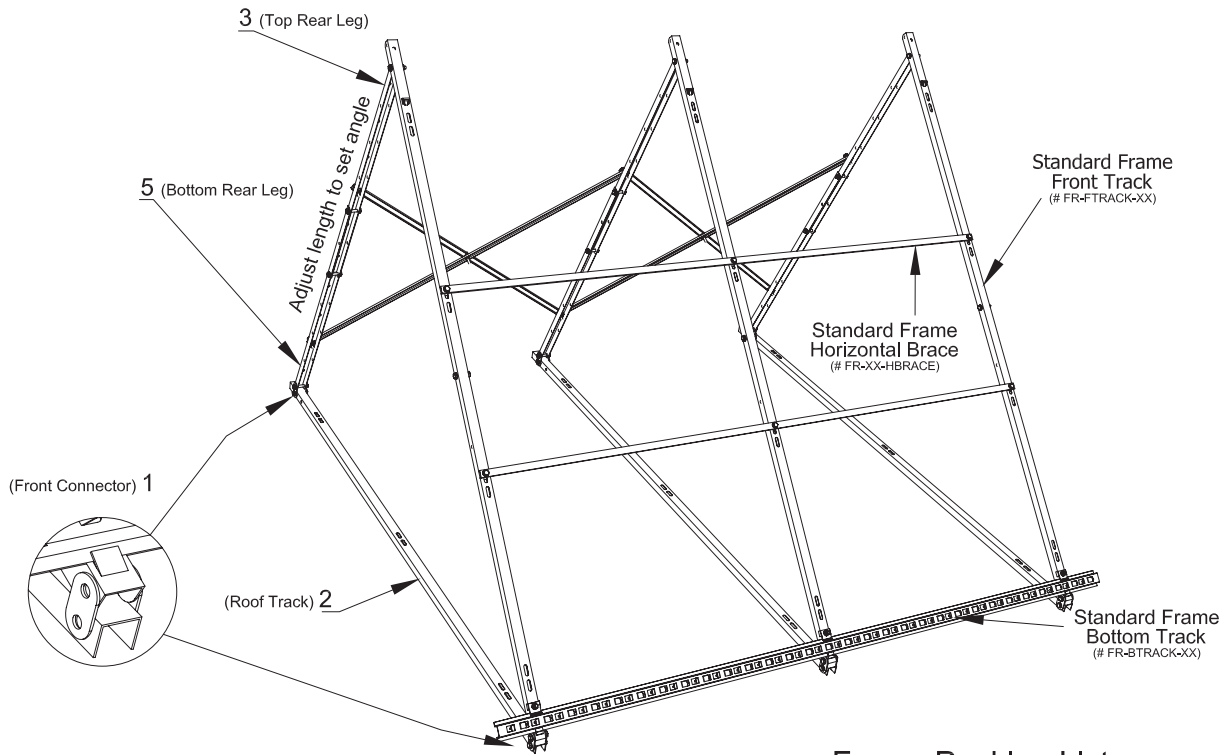
- Wear gloves when handling frame components
- Feet must be bolted to ground
- Ensure attachment points are structurally sound
- Follow relevant safety regulations regarding working on roofs

Appendix E (Roof Track High Angle Frame Kit Assembly Diagram)

Apricus Solar Collector High Angle Frame Kit

Part #: FR-XX-HIGH-RTRACK

The components contained in this package combine with the standard frame to form the complete frame assembly shown below.



Nuts and bolts are already attached to the appropriate components

SAFETY CONSIDERATIONS

- Wear gloves when handling frame components
- Feet must be bolted to ground
- Ensure attachment points are structurally sound
- Follow relevant safety regulations regarding working on roofs

Frame Packing List

Part #	Component Quantities	
	10 & 20 Tube	22 & 30 Tube
1. FR-FCON	8	12
2. FR-ROOFTRACK	2	3
3. FR-TRLEG	2	3
4. FR-RXB-HIGH-XX	2	4
5. FR-BRLEG	2	3
6. FR-BOLT-M8x50	14	21
7. FR-BOLT-M8x40	1	4
8. FR-BOLT-M8x20	4	4
9. FR-NUT-M8	19	29
10. FR-SWASH	19	29
11. FR-WASH-S	33	50
12. FR-WASH-B	-	-
13. FR-NLOCK	5	8
14. FR-SPAN-12/14	1	

Appendix F (Wall Mounting Diagram)

Apricus Solar Collector Wall Mounting Diagram

