



VESTA

CASCADE SYSTEM

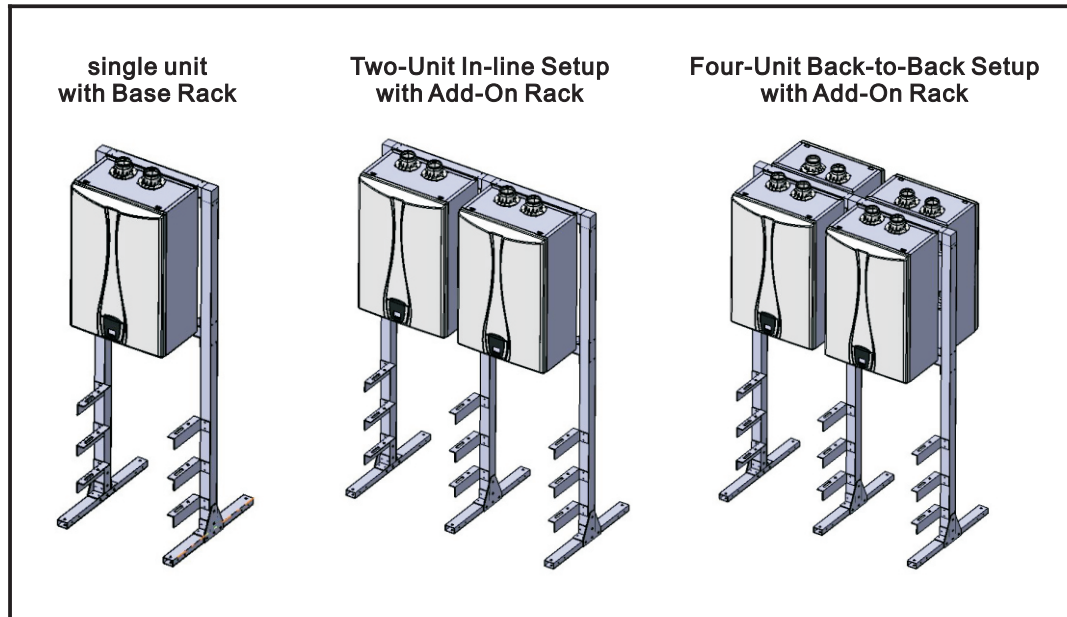
GUIDE BOOK

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


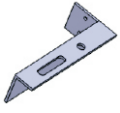
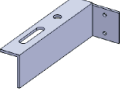


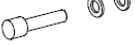


- Compatible with the following VESTA models for **INDOOR** use only:
VRS Series Tankless Water Heaters
VRP Series Tankless Water Heaters
VRB Series Heating Boilers

► Installation Examples

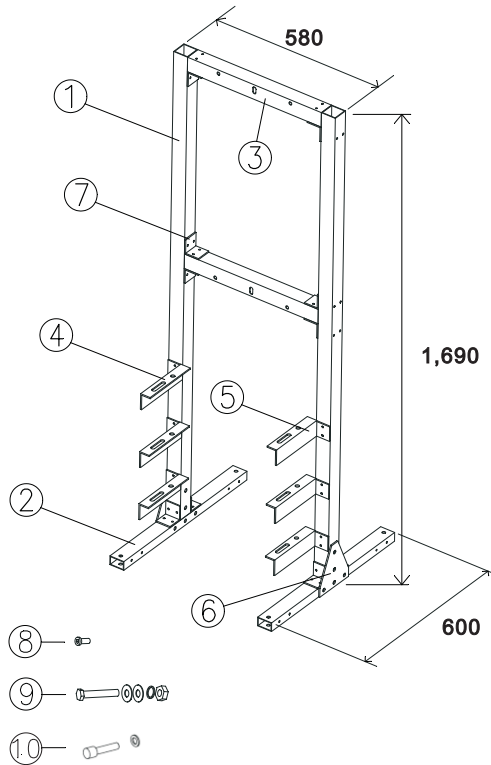


- VESTA Cascade Rack Part Number(s):
- **2070729** (Base for single or 2 units back-to-back)
- **2070730** (ADD-ON kit to expand system for 3+unit or In-line setup)
- VESTA Cascade Rack includes the following items:

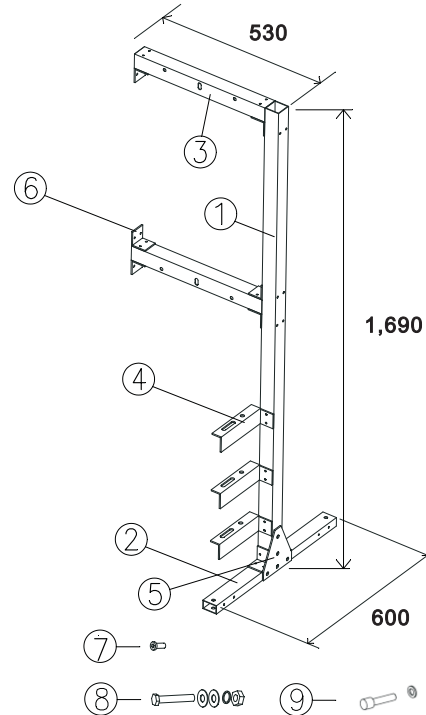
			
Post Bar 65.4" *Single kit: 2EA **Extension kit: 1EA	Base Frame 23.6" *Single kit: 2EA **Extension kit: 1EA	Fixed Bar 18.9" *Single kit: 2EA **Extension kit: 2EA	Fixed Bracket *Single kit: 10EA **Extension kit: 8EA
			
Triangle Bracket *Single kit: 2EA **Extension kit: 1EA	Manifold Support(L) *Single kit: 2EA **Extension kit: 1EA	Manifold Support(R) *Single kit: 3EA **Extension kit: 3EA	M10 Bolt Set *Single kit: 10EA **Extension kit: 5EA
			
M6 Bolt Set *Single kit: 4EA **Extension kit: 4EA	M5 Bolt Set *Single kit: 52EA **Extension kit: 38EA		



► VESTA Cascade Rack Base or ADD Component Assy



BASE COMPONENT ASSY



ADD COMPONENT ASSY

► BASE COMPONENT ASSY(2070729)

No	Part Number	DESCRIPTION	QTY
1	3011830	POST BAR	2
2	3011831	BASE FRAME	2
3	3011832	FIXED BAR	2
4	3011833	MANIFOLD SUPPORT(R)	3
5	3011834	MANIFOLD SUPPORT(L)	3
6	3011835	TRIANGLE BK	2
7	3011836	FIXED BK	10
8	3100229	M5x0.8px12	52
9	3100230	M10x75 Bolt	10
10	3100231	M6x1.0px20	4

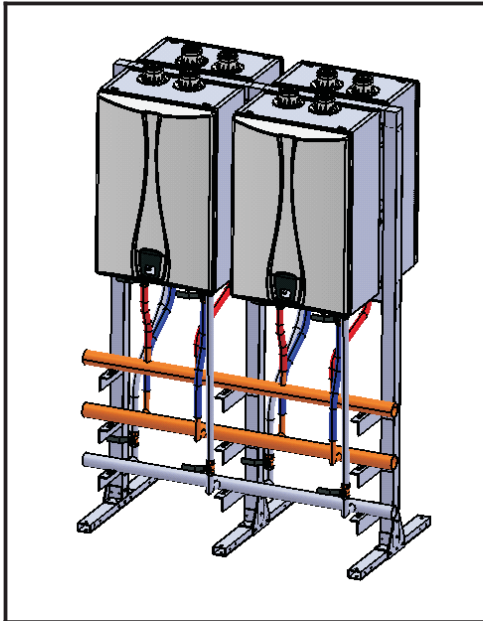
► ADD COMPONENT ASSY(2070730)

No	Part Number	DESCRIPTION	QTY
1	3011830	POST BAR	1
2	3011831	BASE FRAME	1
3	3011832	FIXED BAR	2
4	3011833	MANIFOLD SUPPORT(R)	3
5	3011835	TRIANGLE BK	1
6	3011836	FIXED BK	8
7	3100229	M5x0.8px12	38
8	3100230	M10x75 Bolt	5
9	3100231	M6x1.0px20	4



- VESTA Cascade Manifold includes the following items:
- 2" Copper Pipe with 3/4" stubouts, cap, and coupling
 - 1-1/2" Iron Pipe(for Gas) with 3/4" ball valve connections, cap, and union
 - Strut Channels with Hardware (for mounting on rack or wall)
 - Corrugated Stainless Flex Connectors
 - Gas Flex Connector

► **Installation Example**



- **Manifold Part Number(s):**
- 2-Unit Side-by-Side Manifold Kit - 2091207S
 - 3-Unit Side-by-Side Manifold Kit - 2091208S
 - 4-Unit Side-by-Side Manifold Kit - 2091209S
 - 2-Unit Back-to-Back Manifold Kit - 2091210S
 - 4-Unit Back-to-Back Manifold Kit - 2091211S

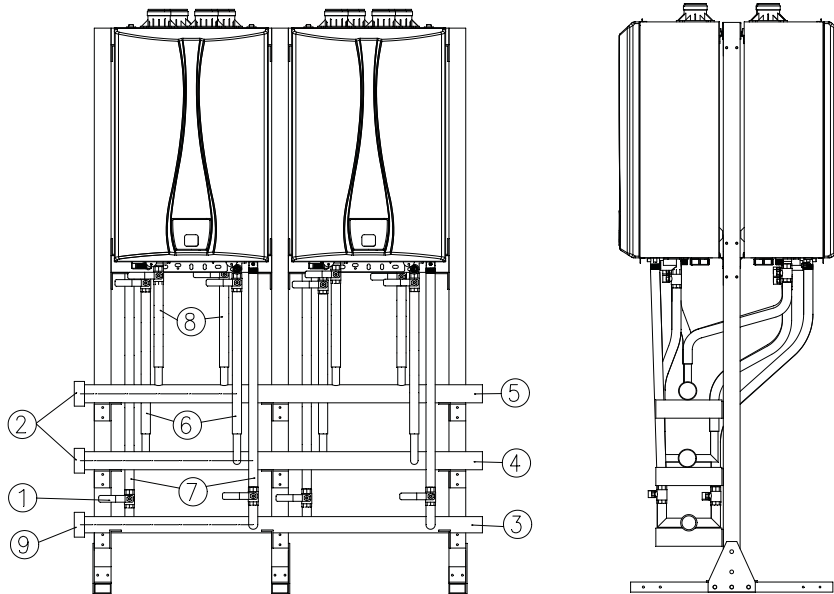
No	Part Number	DESCRIPTION	QTY	Dimensions
2091207S	2091291	Hot Manifold (2-Unit Side-by-Side)	1	47.6"
	2091292	Cold Manifold (2-Unit Side-by-Side)	1	
	2091293	Gas Manifold (2-Unit Side-by-Side)	1	
2091208S	2091294	Hot Manifold (3-Unit Side-by-Side)	1	68.5"
	2091295	Cold Manifold (3-Unit Side-by-Side)	1	
	2091296	Gas Manifold (3-Unit Side-by-Side)	1	
2091209S	2091297	Hot Manifold (4-Unit Side-by-Side)	1	89.4"
	2091298	Cold Manifold (4-Unit Side-by-Side)	1	
	2091299	Gas Manifold (4-Unit Side-by-Side)	1	
2091210S	2091300	Hot Manifold (2-Unit Back-to-Back)	1	26.8"
	2091301	Cold Manifold (2-Unit Back-to-Back)	1	
	2091302	Gas Manifold (2-Unit Back-to-Back)	1	
2091211S	2091303	Hot Manifold (4-Unit Back-to-Back)	1	47.6"
	2091304	Cold Manifold (4-Unit Back-to-Back)	1	
	2091305	Gas Manifold (4-Unit Back-to-Back)	1	



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Cascade Manifold Rack Installation Details

► For Example(4-Unit Back-to-Back Manifold Kit)

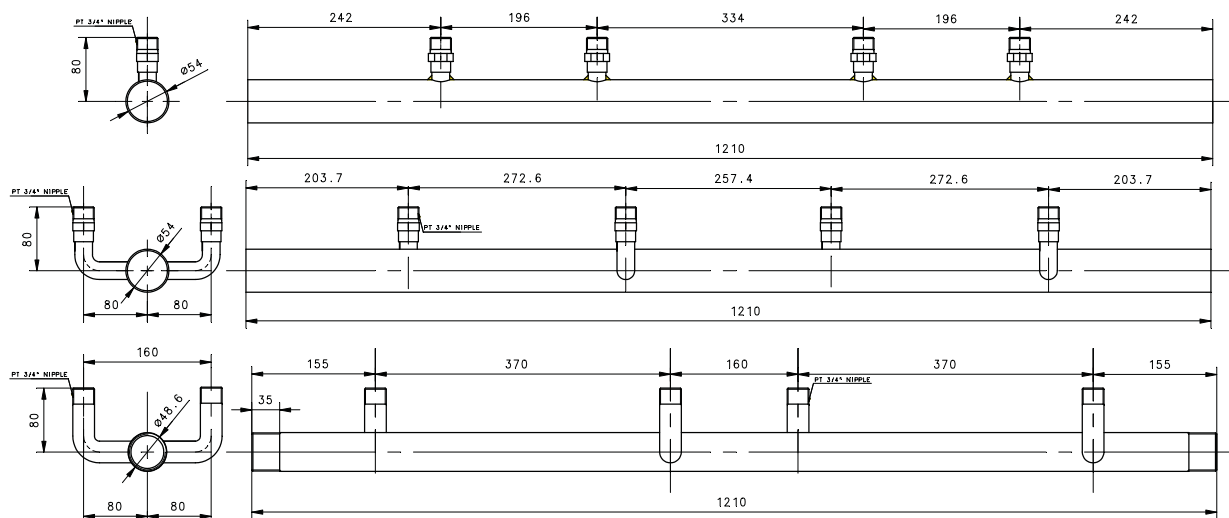


► Note: VESTA Back-to-Back Manifolds may be used without Racks for Wall Mount Applications

► Shipped Parts Kit

ITEM	QTY	DESCRIPTION	ITEM	QTY	DESCRIPTION
1	?	3/4" BALL VALVE	6	?	3/4" CORRUGATED FLEX TUBE
2	?	1-1/2" IRON UNION	7	?	3/4" PVC COATED GAS CONNECTOR
3	?	2" CAP	8	?	3/4" CORRUGATED FLEX TUBE
4	?	2" CPLG	9	?	1-1/2" FP T IRON CAP
5	?	2" CPLG	10	?	HARDWARE BOLT KIT

► 4-Unit Back-to-Back Manifold Piping

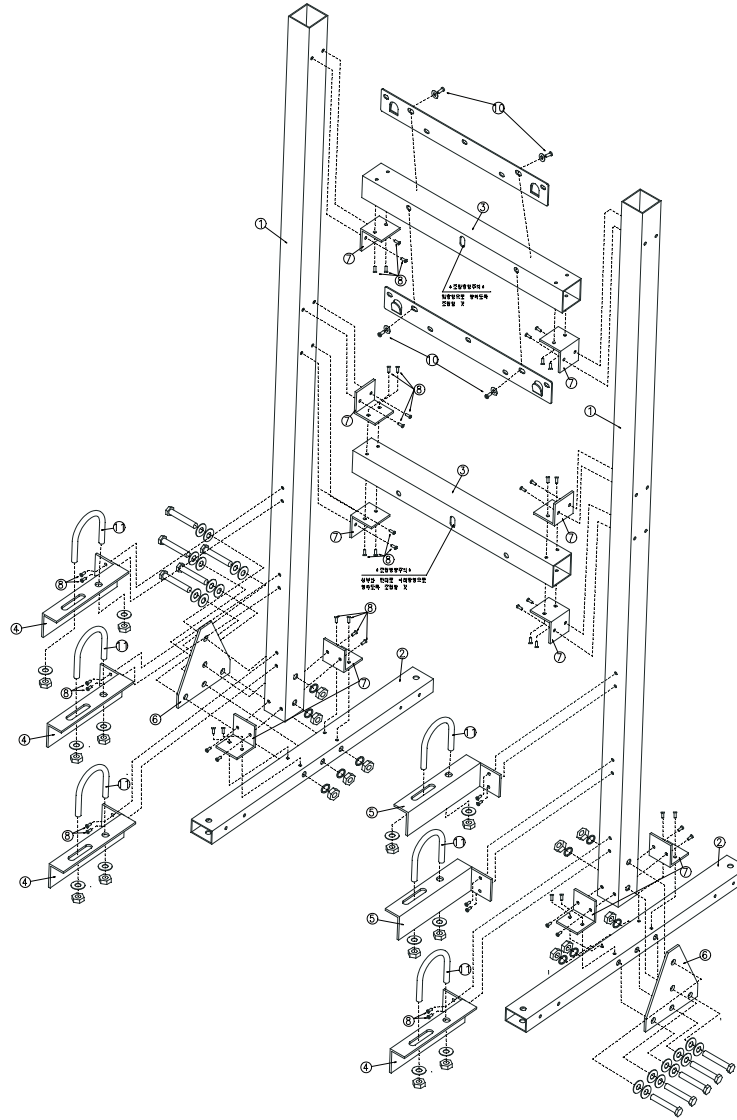




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Cascade Module Explod View

► Explod View (2-Unit Back-to-Back)



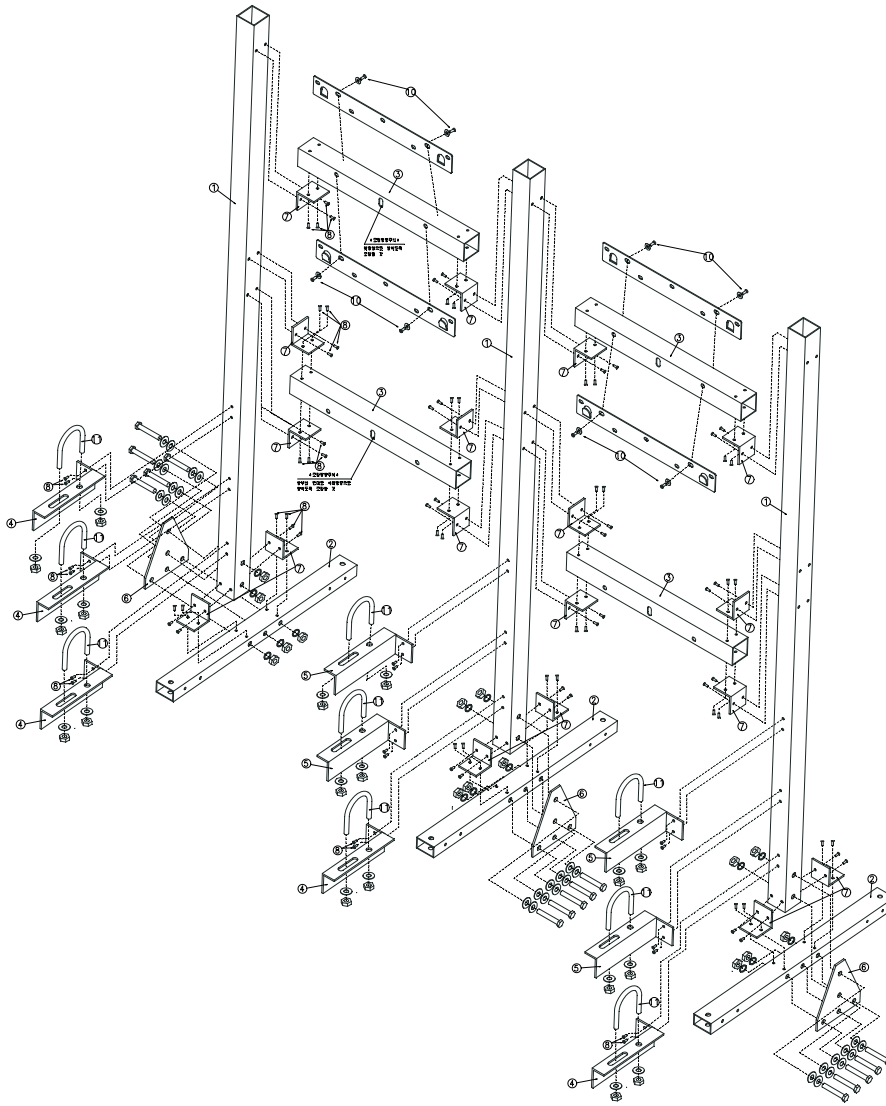
No	품 번	품 명	수 량
1	3011830	POST BAR	2
2	3011831	BASE FRAME	2
3	3011832	FIXED BAR	2
4	3011833	MANIFOLD SUPPORT(R)	3
5	3011834	MANIFOLD SUPPORT(L)	3
6	3011835	TRIANGLE BK	2
7	3011836	FIXED BK	10
8	3100229	M5x0.8px12 SET	52
9	3100230	M10x75 SET	10
10	3100231	M6 SET	4
11	3100232	U-Bolt(40A)	2
	3100233	U-Bolt(50A)	2
	3100234	U-Bolt(65A)	2
	3100235	U-Bolt(80A)	2



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Cascade Module Explod View

► Explod View (4-Unit Back-to-Back)



No	품 번	품 명	수 량
1	3011830	POST BAR	3
2	3011831	BASE FRAME	3
3	3011832	FIXED BAR	4
4	3011833	MANIFOLD SUPPORT(R)	3
5	3011834	MANIFOLD SUPPORT(L)	6
6	3011835	TRIANGLE BK	3
7	3011836	FIXED BK	18
8	3100229	M5x0.8px12 SET	90
9	3100230	M10x75 SET	15
10	3100231	M6 SET	8
11	3100232	U-Bolt(40A)	3
	3100233	U-Bolt(50A)	3
	3100234	U-Bolt(65A)	3
	3100235	U-Bolt(80A)	3