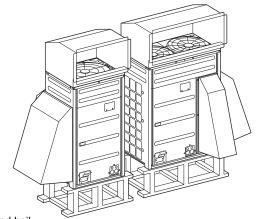


## SUBMITTAL V1GARD\*\*-4P Wind/Hail Guards for Lennox VRF Outdoor Units

®				
Job Name	Location			
Purchaser	Engineer			
Submitted to	Reference	Approval	Construction	
Unit Designation	Schedule #			

Required	Model Number
	V1GARD04-4P (left side wind/hail guard, small/large chassis)
	V1GARD05-4P (right side wind/hail guard, small/large chassis)
	V1GARD02-4P (back wind/hail guard, small/large chassis)
	V1GARD03-4P (back wind/hail guard, medium chassis)
	V1GARD06-4P (top guard, small chassis)
	V1GARD07-4P (top guard, medium chassis)
	V1GARD08-4P (top guard, large chassis)
	V1GARD01-4P (front guard, medium chassis)



#### Description

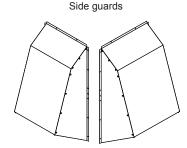
- · Wind/hail guard for Lennox VRF Series outdoor units.
- Front, side and rear guards are designed to protect outdoor unit coil surfaces from high winds and hail.
- Top guards are designed to divert condensing unit discharge air and/or protect the outdoor unit from hail, snow accumulation, and debris.
- Construction: 20-gauge, galvanized steel
- Polyester Super Durable powder coating (RAL7044 SILK GREY)
- When ordering side guards (V1GARD04-4P, V1GARD05-4P), if left and right are needed they must be ordered and purchased separately.
- · Made in USA

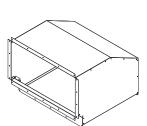
#### Outdoor unit compatibility

	Wind/Hail Guard Type							
Unit Model Number	Side		Rear		Тор			Front
	V1GARD04-4P	V1GARD05-4P	V1GARD02-4P	WHG-R2-B	V1GARD06-4P	WHG-T2-B	V1GARD08-4P	V1GARD01-4P
V*C072S4M-4*	X	X	X		X			
V*C096S4M-4*	X	X		Х		Х		Х
V*C120S4M-4*	X	X		Х		Х		Х
V*C144S4M-4*	X	X		Х		Х		Х
V*C168S4M-4*	X	X		Х		Х		Х
V*C192S4M-4*	Х	X	Х				Х	
V*C216S4M-4*	X	X	X				Х	
V*C240S4M-4*	Х	Х	Х				Х	
V*C072L4M-4*	X	Х		Х		Х		Х
V*C096L4M-4*	Х	Х		Х		Х		X
V*C120L4M-4*	Х	X		Х		Х		X

#### Notes

- The outdoor unit must install 18" minimum above the ground or 18" minimum above anticipated snowfall depth when using V1GARD04-4P, V1GARD05-4P, V1GARD03-4P, and V1GARD01-4P.
- Clearance around the outdoor unit must be at least 18" greater than standard clearances ("unrestricted" wall height clearances in outdoor unit installation manual) when using V1GARD04-4P, V1GARD05-4P, V1GARD09-4P-B, V1GARD03-4P, WHG-R3-B, and V1GARD01-4P.
- When using the top wind/hail guards (V1GARD06-4P, V1GARD07-4P,V1GARD08-4P) ensure that prevailing winds will not blow into the guard. Prolonged exposure to strong winds blowing into the guard can decrease performance and cause motor failure.
- All wind/hail guards ship fully assembled and include mounting hardware.
- Modular systems (2 or 3 outdoor units) only require one left guard and one right guard when modules are installed at the minimum distance
  from each other as noted in the outdoor unit installation manual.
- V1GARD06-4P, V1GARD07-4P, and V1GARD08-4P can install forward or backward discharging air to the front or the back of the outdoor unit.

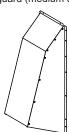




Top guard (small chassis)



Front guard (medium chassis)





# SUBMITTAL V1GARD\*\*-4P Wind/Hail Guards for Lennox VRF Outdoor Units Weight and Required Components Per System

#### Weight

Model Number	Weight (lbs.)
V1GARD04-4P (left side wind/hail guard, small/large chassis)	26
V1GARD05-4P (right side wind/hail guard, small/large chassis)	27
V1GARD09-4P-B (back wind/hail guard, small/large chassis)	30
V1GARD03-4P (back wind/hail guard, medium chassis)	36
V1GARD06-4P (top wind/hail guard, small chassis)	46
V1GARD07-4P (top wind/hail guard, medium chassis)	54
V1GARD08-4P (top wind/hail guard, large chassis)	82
V1GARD01-4P (front wind/hail guard, medium chassis)	20

#### Components required

V*C072S4M-4*  V*C072S4M-4*  V*C096S4M-4*  V*C120S4M-4*  V*C144S4M-4*  V*C168S4M-4*  V*C216S4M-4*  V*C240S4M-4*  V*C264S4M-4*  V*C268S4M-4*	(tons)  6  8  10  12  14  16  18  20  22	V1GARD04-4P  1  1  1  1  1  1  1  1  1	V1GARD05-4P  1 1 1 1 1 1 1 1	V1GARD02-4P 1	V1GARD03-4P  1 1 1 1	V1GARD06-4P	V1GARD07-4P  1 1 1	WHG-T3-B	V1GARD01-4F
V*C096S4M-4* V*C120S4M-4* V*C144S4M-4* V*C168S4M-4* V*C192S4M-4* V*C216S4M-4* V*C240S4M-4* V*C240S4M-4*	8 10 12 14 16 18 20	1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1		1	1	1 1 1		1 1
V*C120S4M-4* V*C144S4M-4* V*C168S4M-4* V*C192S4M-4* V*C216S4M-4* V*C240S4M-4* V*C264S4M-4*	10 12 14 16 18 20	1 1 1 1 1 1	1 1 1 1 1 1 1 1	2	1		1 1 1		1
V*C144S4M-4* V*C168S4M-4* V*C192S4M-4* V*C216S4M-4* V*C240S4M-4* V*C264S4M-4*	12 14 16 18 20	1 1 1 1 1 1 1	1 1 1 1	2	1		1 1		1
V*C168S4M-4* V*C192S4M-4* V*C216S4M-4* V*C240S4M-4* V*C264S4M-4*	14 16 18 20	1 1 1 1	1 1 1	2	•		1		4
V*C192S4M-4* V*C216S4M-4* V*C240S4M-4* V*C264S4M-4*	16 18 20	1 1 1	1	2	1				1
V*C216S4M-4* V*C240S4M-4* V*C264S4M-4*	18 20	1	1	2			1		1
V*C240S4M-4* V*C264S4M-4*	20	1	4	_				1	
V*C264S4M-4*			1	2				1	
	22	1	1	2				1	
V*C288S4M-4*	~~	1 (2)	1 (2)		2		2		2
	24	1 (2)	1 (2)	2	1		1	1	1
V*C312S4M-4*	26	1 (2)	1 (2)	2	1		1	1	1
V*C336S4M-4*	28	1 (2)	1 (2)	2	1		1	1	1
V*C360S4M-4*	30	1 (2)	1 (2)	2	1		1	1	1
V*C384S4M-4*	32	1 (2)	1 (2)	4				2	
V*C408S4M-4*	34	1 (2)	1 (2)	4				2	
V*C432S4M-4*	36	1 (2)	1 (2)	4				2	
V*C456S4M-4*	38	1 (3)	1 (3)	2	2		2	1	2
					2				
V*C072L4M-4*	6	1	1		1		1		1
V*C096L4M-4*	8	1	1		1		1		1
V*C120L4M-4*	10	1	1		1		1		1
V*C144L4M-4*	12	1 (2)	1 (2)		2		2		2
V*C168L4M-4*	14	1 (2)	1 (2)		2		2		2
V*C192L4M-4*	16	1 (2)	1 (2)		2		2		2
V*C216L4M-4*	18				2		2		2
V*C240L4M-4*	20				2		2		2
V*C264L4M-4*	22	1 (3)	1 (3)		3		3		3
V*C280L4M-4*	24	1 (3)	1 (3)		3		3		3
			. 7		3				
	V*C312S4M-4* V*C336S4M-4* V*C360S4M-4* V*C3884S4M-4* V*C408S4M-4* V*C432S4M-4* V*C456S4M-4* V*C072L4M-4* V*C120L4M-4* V*C144L4M-4* V*C168L4M-4* V*C192L4M-4* V*C168L4M-4* V*C192L4M-4* V*C192L4M-4* V*C192L4M-4* V*C216L4M-4* V*C240L4M-4*	V*C312S4M-4*       26         V*C336S4M-4*       28         V*C360S4M-4*       30         V*C384S4M-4*       32         V*C408S4M-4*       34         V*C432S4M-4*       36         V*C456S4M-4*       38         V*C072L4M-4*       6         V*C120L4M-4*       10         V*C144L4M-4*       12         V*C168L4M-4*       14         V*C19L4M-4*       16         V*C16L4M-4*       18         V*C240L4M-4*       20         V*C264L4M-4*       22	V*C312S4M-4*         26         1 (2)           V*C336S4M-4*         28         1 (2)           V*C360S4M-4*         30         1 (2)           V*C384S4M-4*         32         1 (2)           V*C408S4M-4*         34         1 (2)           V*C432S4M-4*         36         1 (2)           V*C456S4M-4*         38         1 (3)           V*C072L4M-4*         6         1           V*C096L4M-4*         8         1           V*C120L4M-4*         10         1           V*C168L4M-4*         14         1 (2)           V*C19L4M-4*         16         1 (2)           V*C16L4M-4*         18         1 (2)           V*C240L4M-4*         20         1 (2)           V*C244L4M-4*         20         1 (2)           V*C264L4M-4*         22         1 (3)	V*C312S4M-4*         26         1 (2)         1 (2)           V*C336S4M-4*         28         1 (2)         1 (2)           V*C360S4M-4*         30         1 (2)         1 (2)           V*C384S4M-4*         32         1 (2)         1 (2)           V*C488S4M-4*         34         1 (2)         1 (2)           V*C432S4M-4*         36         1 (2)         1 (2)           V*C456S4M-4*         38         1 (3)         1 (3)           V*C072L4M-4*         6         1         1           V*C096L4M-4*         8         1         1           V*C120L4M-4*         10         1         1           V*C144LAM-4*         12         1 (2)         1 (2)           V*C198L4M-4*         14         1 (2)         1 (2)           V*C198L4M-4*         16         1 (2)         1 (2)           V*C26L4M-4*         18         1 (2)         1 (2)           V*C240L4M-4*         20         1 (2)         1 (2)           V*C264L4M-4*         20         1 (2)         1 (2)	V*C312S4M-4*         26         1 (2)         1 (2)         2           V*C336S4M-4*         28         1 (2)         1 (2)         2           V*C360S4M-4*         30         1 (2)         1 (2)         2           V*C384S4M-4*         32         1 (2)         1 (2)         4           V*C448S4M-4*         34         1 (2)         1 (2)         4           V*C432S4M-4*         36         1 (2)         1 (2)         4           V*C456S4M-4*         38         1 (3)         1 (3)         2           V*C072L4M-4*         6         1         1         1           V*C096L4M-4*         8         1         1         1           V*C120L4M-4*         10         1         1         1           V*C196L4M-4*         12         1 (2)         1 (2)           V*C196L4M-4*         14         1 (2)         1 (2)           V*C196L4M-4*         16         1 (2)         1 (2)           V*C216L4M-4*         18         1 (2)         1 (2)           V*C240L4M-4*         20         1 (2)         1 (2)           V*C264L4M-4*         20         1 (2)         1 (2)	V*C312S4M-4*         26         1 (2)         1 (2)         2         1           V*C336S4M-4*         28         1 (2)         1 (2)         2         1           V*C336S4M-4*         30         1 (2)         1 (2)         2         1           V*C384S4M-4*         32         1 (2)         1 (2)         4           V*C408S4M-4*         34         1 (2)         1 (2)         4           V*C432S4M-4*         36         1 (2)         1 (2)         4           V*C456S4M-4*         38         1 (3)         1 (3)         2         2           V*C072L4M-4*         6         1         1         1         1         1           V*C096L4M-4*         8         1         2         2 <td< td=""><td>V*C312S4M-4*         26         1 (2)         1 (2)         2         1           V*C336S4M-4*         28         1 (2)         1 (2)         2         1           V*C336S4M-4*         30         1 (2)         1 (2)         2         1           V*C384S4M-4*         32         1 (2)         1 (2)         4           V*C408S4M-4*         34         1 (2)         1 (2)         4           V*C432S4M-4*         36         1 (2)         1 (2)         4           V*C456S4M-4*         38         1 (3)         1 (3)         2         2           V*C072L4M-4*         6         1         1         1         1           V*C096L4M-4*         8         1         1         1         1           V*C12UL4M-4*         10         1         2         2         2</td><td>V*C312S4M-4*         26         1 (2)         1 (2)         2         1         1           V*C336S4M-4*         28         1 (2)         1 (2)         2         1         1           V*C360S4M-4*         30         1 (2)         1 (2)         2         1         1           V*C384S4M-4*         32         1 (2)         1 (2)         4         4         4           V*C408S4M-4*         36         1 (2)         1 (2)         4<td>V*C312S4M-4*         26         1 (2)         1 (2)         2         1         1         1         1         1         V*C336S4M-4*         28         1 (2)         1 (2)         2         1</td></td></td<>	V*C312S4M-4*         26         1 (2)         1 (2)         2         1           V*C336S4M-4*         28         1 (2)         1 (2)         2         1           V*C336S4M-4*         30         1 (2)         1 (2)         2         1           V*C384S4M-4*         32         1 (2)         1 (2)         4           V*C408S4M-4*         34         1 (2)         1 (2)         4           V*C432S4M-4*         36         1 (2)         1 (2)         4           V*C456S4M-4*         38         1 (3)         1 (3)         2         2           V*C072L4M-4*         6         1         1         1         1           V*C096L4M-4*         8         1         1         1         1           V*C12UL4M-4*         10         1         2         2         2	V*C312S4M-4*         26         1 (2)         1 (2)         2         1         1           V*C336S4M-4*         28         1 (2)         1 (2)         2         1         1           V*C360S4M-4*         30         1 (2)         1 (2)         2         1         1           V*C384S4M-4*         32         1 (2)         1 (2)         4         4         4           V*C408S4M-4*         36         1 (2)         1 (2)         4 <td>V*C312S4M-4*         26         1 (2)         1 (2)         2         1         1         1         1         1         V*C336S4M-4*         28         1 (2)         1 (2)         2         1</td>	V*C312S4M-4*         26         1 (2)         1 (2)         2         1         1         1         1         1         V*C336S4M-4*         28         1 (2)         1 (2)         2         1

<sup>&</sup>lt;sup>1</sup> When using side wind/hail guards, if the units are installed at the minimum distance from each other as noted in the outdoor unit installation manual, only 1 X left guard and 1 X right guard is required. V1GARD04-4P and V1GARD05-4P data noted above show required quantities when modular system outdoor units are installed close to each other and required quantity when they are spread further apart (in parenthesis).

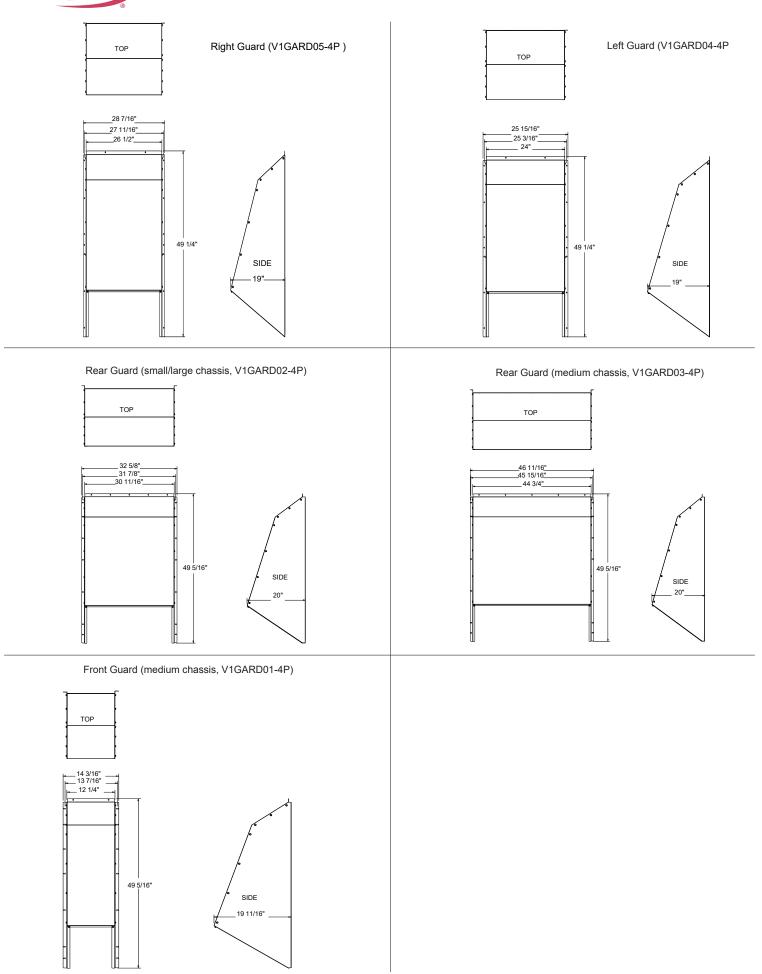
Note: Side guards, back guards, and top guards can be used independently (example: V1GARD07-4P can be installed without V1GARD04-4P and V1GARD05-4P,

V1GARD04-4P and V1GARD05-4P can be used without V1GARD09-4P-B).



### SUBMITTAL V1GARD\*\*-4P

#### Wind/Hail Guards for Lennox VRF Outdoor Units Dimensional Data



# **LENNOX** Powered by **SAMSUNG**

### SUBMITTAL V1GARD\*\*-4P

#### Wind/Hail Guards for Lennox VRF Outdoor Units Dimensional Data

