



Whisperline® with Silver Rail Sound Package

- Quiet and reliable operation
- Flexible configurations
- User-friendly package design
- Easy-access components
- Low operating cost

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The purpose of the Silver Rail feature is to provide an additional layer of vibration isolation between the compressor and the cabinet. Reducing vibration transmission from the compressor to the cabinet reduces the vibration that can transmit from the cabinet to the building structure.

All compressors are mounted on rubber isolation grommets that absorb vibration and reduce how much is transmitted to the base of the chassis. The base of the chassis is installed onto rails in the drain pan in the bottom of the cabinet. Vibration in the base of the chassis is typically minimal, but what is there can be transmitted to the rails in the drain pan which can then be transmitted to the cabinet. The pictures below show the standard rails and the silver rail option.



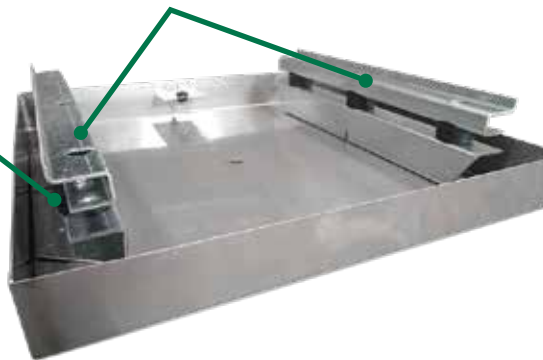
Standard Rails - Chassis Installed on Horizontal Portion of Rail

In typical applications, the amount of vibration reaching the rails is minimal, and further isolation is not necessary.



Silver Rail Option - Chassis Installed on Horizontal Portion of Rail

In sound sensitive applications, these additional grommets absorb vibration from the base of the chassis and reduce transmission to the drain pan and into the cabinet.



VI / VP Sound Power Levels with Silver Rail

Size (Tons)	Model	Sound Rating ¹ (dB-A)	Octave Bands (Hz)						
			125	250	500	1000	2000	4000	8000
204 (.50)	Fan Only - Low	43	49	45	42	36	28	27	28
	Fan Only - High	48	49	51	46	43	34	29	30
	Cooling - Low	45	57	47	42	36	31	30	29
	Cooling - High	49	59	51	46	43	34	34	31
	Heating - Low	48	60	50	45	39	31	31	29
	Heating - High	51	61	55	48	43	34	34	32
304 (.75)	Fan Only - Low	44	49	46	42	37	29	28	28
	Fan Only - High	48	50	51	47	43	34	29	30
	Cooling - Low	46	58	48	43	37	32	32	30
	Cooling - High	50	59	52	47	43	34	36	32
	Heating - Low	49	61	50	46	40	32	32	31
	Heating - High	52	61	55	49	44	35	36	33
404 (1.0)	Fan Only - Low	44	50	47	43	37	29	28	29
	Fan Only - High	49	51	52	47	43	35	30	31
	Cooling - Low	47	58	48	43	38	33	32	31
	Cooling - High	50	59	53	47	44	35	36	33
	Heating - Low	49	61	50	47	41	33	33	31
	Heating - High	52	61	55	50	45	35	36	34
504 (1.25)	Fan Only - Low	50	53	50	50	44	39	34	30
	Fan Only - High	54	54	53	53	49	44	36	33
	Cooling - Low	51	58	50	50	44	39	34	32
	Cooling - High	54	60	54	53	49	44	36	33
	Heating - Low	54	61	54	51	49	43	36	33
	Heating - High	56	61	55	54	51	47	39	34
604 (1.5)	Fan Only - Low	51	55	53	50	45	40	35	30
	Fan Only - High	54	57	55	53	49	44	37	33
	Cooling - Low	52	59	53	50	45	40	35	32
	Cooling - High	55	61	55	53	49	44	37	33
	Heating - Low	55	60	55	52	50	44	37	33
	Heating - High	56	61	56	54	51	47	40	34
804 (2.0)	Fan Only - Low	53	56	54	53	47	41	35	33
	Fan Only - High	56	58	57	54	51	44	39	35
	Cooling - Low	54	60	54	53	48	41	36	33
	Cooling - High	56	62	57	54	51	44	39	35
	Heating - Low	56	64	56	54	49	43	39	34
	Heating - High	58	64	59	55	52	47	42	35
814 (2.0)	Fan Only - Low	53	55	54	53	47	40	35	33
	Fan Only - High	56	56	57	55	51	44	39	35
	Cooling - Low	55	56	57	54	49	41	36	33
	Cooling - High	57	58	60	56	51	44	40	35
	Heating - Low	56	59	57	55	50	42	38	33
	Heating - High	58	60	60	56	54	46	41	35
1004 (2.5)	Fan Only - Low	55	58	54	53	50	43	37	34
	Fan Only - High	58	61	58	56	53	46	39	36
	Cooling - Low	56	64	55	53	50	44	41	35
	Cooling - High	59	65	58	56	55	47	42	36
	Heating - Low	57	65	57	54	51	44	41	36
	Heating - High	60	66	61	56	55	48	42	35
1204 (3.0)	Fan Only - Low	57	62	57	56	53	45	40	35
	Fan Only - High	61	64	62	60	56	48	42	38
	Cooling - Low	59	66	57	56	54	47	44	36
	Cooling - High	63	68	62	60	59	49	46	38
	Heating - Low	61	68	59	59	57	47	44	37
	Heating - High	64	69	64	62	59	51	47	39

1. Rated in accordance with ANSI/AHRI standard 350 and based on single horizontal discharge.

2. Contact factory for sound attenuation options

Behind every unit that carries the Whalen name is a singularity of purpose: the engineering and manufacturing of products that improve the quality of life for our customers.

Our long-term commitment to this endeavor assures you of systems that are distinctive in **concept, performance, reliability** and **value**.

The number of industry “firsts” from Whalen is impressive. They include:

- The industry’s first vertical stack valveless fan coils
- The first vertical stack heat pump offering
- The first removable chassis closet-type heat pumps
- The first AHRI-listed water-cooled air conditioning units with hydronic heat

Let us put Whalen innovation to work for you, too. Find out how our approach to your project will deliver a “perfect fit” solution – and make your life easier.

Need to locate a sales representative? Whalen’s sales rep locator tool was designed to help you easily find a Whalen sales representative within the United States and Canada.

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