

Decorative French Louis XIV Style Functional Grilles by

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" Architectural Decorative Elements "

Dallas Design Community

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Eight Louis XIV Grille Sizes for 4" Tall Ducts

Louis XIV Grilles are 3-Dimensional **Functional Works of Art**. They can be used as HVAC Grilles, Return and Supply Vent Covers, Filter Grilles, Speaker Grilles, Radiator Cabinet Grilles, Foundation Vents, Access Panels, Exhaust Fan Vents, Ventilation Grilles & Fire Damper Covers.

We Guarantee that these Louis XIV Faux Grilles will never go out of style. The Louis XIV period has been an iconic style for over 325 years and still going strong as the Palace of Versailles.

The scarlet and gold silk covered Turkish fainting couch in the picture below is shown with a Louis XIV Grille. Perhaps it is the only grille that could compliment such a striking couch.

part number	to fit duct size	total size of grille	free air flow	@400 FV
RR-203 04x08	4"tall x 8"wide	6"tall X 10"wide	15.7 Sq Inch	52cfm
RR-203 04x10	4"tall x 10"wide	6"tall x 12"wide	19.9 Sq Inch	72cfm
RR-203 04x12	4"tall x 12"wide	6"tall x 14"wide	24.2 Sq Inch	92cfm
RR-203 04x14	4"tall x 14"wide	6"tall x 16"wide	28.4 Sq Inch	127cfm
RR-203 04x16	4"tall x 16"wide	6"tall x 18"wide	32.7 Sq Inch	145cfm
RR-203 04x20	4"tall x 20"wide	6"tall x 22"wide	41.2 Sq Inch	181cfm
RR-203 04x24	4"tall x 24"wide	6"tall x 26"wide	49.7 sq Inch	217cfm
RR-203 04x30	4"tall x 30" wide	6"tall x 32"wide	62.5 Sq Inch	272cfm



RR-203 04x14 Louis XIV Grille in Nickel Finish



RR-203 04x24 Grille In Rubbed Bronze Finish



RR-203 04x30 Grille in Black Finish



Nine Louis XIV Grille Sizes for 6" Tall Ducts

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part number	to fit duct size	total size of grille	free air flow	@400 FV
RR-203 06x06	6"tall x 6"wide	8"tall X 8"wide	18.2 Sq Inch	69cfm
RR-203 06x08	6"tall x 8"wide	8"tall X 10"wide	25.1 Sq Inch	92cfm
RR-203 06x10	6"tall x 10"wide	8"tall x 12"wide	31.7 Sq Inch	108cfm
RR-203 06x12	6"tall x 12"wide	8"tall x 14"wide	38.5 Sq Inch	130cfm
RR-203 06x14	6"tall x 14"wide	8"tall x 16"wide	45.3 Sq Inch	152cfm
RR-203 06x16	6"tall x 16"wide	8"tall x 18"wide	51.9 Sq Inch	173cfm
RR-203 06x20	6"tall x 20"wide	8"tall x 22"wide	65.6 Sq Inch	224cfm
RR-203 06x24	6"tall x 24"wide	8"tall x 26"wide	79.6 sq Inch	260cfm
RR-203 06x30	6"tall x 30" wide	8"tall x 32"wide	99.5 Sq Inch	325cfm



"Dutch Style" Radiator Cabinet with long RR-203 - 06x30 on top of the radiator enclosure



RR-203 06x14 Grille in Dark Bronze



RR-20 06x12 Grille in pewter Finish



RR-20 06x10 Grille in Nickel Finish



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Nine Louis XIV Grille Sizes for 8" Tall Ducts

part number	to fit duct size	total size of grille	free air flow	@400 FV
RR-203 08x08	8" tall x 8" wide	10" tall X 10" wide	34.3 Sq Inch	115cfm
RR-203 08x10	8" tall x 10" wide	10" tall x 12" wide	43.6 Sq Inch	144cfm
RR-203 08x12	8" tall x 12" wide	10" tall x 14" wide	52.9 Sq Inch	173cfm
RR-203 08x14	8" tall x 14" wide	10" tall x 16" wide	62.1 Sq Inch	202cfm
RR-203 08x16	8" tall x 16" wide	10" tall x 18" wide	71.4 Sq Inch	231cfm
RR-209 08x18	8" tall x 18" wide	10" tall x 18" wide	80.7 Sq Inch	268cfm
RR-203 08x20	8" tall x 20" wide	10" tall x 22" wide	89.9 Sq Inch	297cfm
RR-203 08x24	8" tall x 24" wide	10" tall x 26" wide	108.6 sq Inch	346cfm
RR-203 08x30	8" tall x 30" wide	10" tall x 32" wide	136.5 Sq Inch	433cfm



FV-203 08x14 Foundation Vent

In a world where homes are built with the finest materials, some common items still stand out as everyday "eyesores". Some of these items include, heating and air conditioning grilles, foundation vents, bathroom ventilation fans, and uncovered radiators. Practical solutions for crawlspace vents include these two Louis XIV deluxe foundation grilles, FV-203 as shown to the left and right. They are unique as they are the only high end foundation vent covers available.



RR-203 08x24 Grille in Antique Brass Finish



RR-203 08x08 Grille in Nickel



RR-203 08x30 Grille in Rubbed Bronze Finish



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Seven Louis XIV Grille Sizes for 10" Tall Ducts

part number	to fit duct size	total size of grille	free air flow	@400 FV
RR-203 10x10	10"tall x 10"wide	12"tall x 12"wide	55.4 Sq Inch	180cfm
RR-203 10x14	10"tall x 14"wide	12"tall x 16"wide	79.1 Sq Inch	253cfm
RR-203 10x16	10"tall x 16"wide	12"tall x 18"wide	90.8 Sq Inch	312cfm
RR-203 10x18	10"tall x 18"wide	12"tall x 20"wide	102.6Sq Inch	337cfm
RR-203 10x20	10"tall x 20"wide	12"tall x 22"wide	114.4 Sq Inch	361cfm
RR-203 10x24	10"tall x 24"wide	12"tall x 26"wide	137.9 Sq Inch	433cfm
RR-203 10x30	10"tall x 30" wide	12"tall x 32"wide	173.5 Sq Inch	541cfm

Uncovered radiators are less efficient as a radiator in a cabinet. An enclosed radiator heats the room to higher temperatures by drawing cold air off the floor.



RR-203 10x16 Grille in Rubbed Bronze Finish



RR-203 10x24 Radiator Grille Antique Brass



RR-203 10x30 Grille in Pewter Finish



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Five Louis XIV Grille Sizes for 12" Tall Ducts

<i>part number</i>	<i>to fit duct size</i>	<i>total size of grille</i>	<i>free air flow</i>	<i>@400 FV</i>
RR-203 12x12	12"tall x 12"wide	14"tall x 14"wide	55.4 Sq Inch	260cfm
RR-203 12x16	12"tall x 16"wide	14"tall x 18"wide	90.8 Sq Inch	364cfm
RR-203 12x20	12"tall x 20"wide	14"tall x 22"wide	114.4 Sq Inch	433cfm
RR-203 12x24	12"tall x 24"wide	14"tall x 26"wide	137.9 Sq Inch	520cfm
RR-203 12x30	12"tall x 30" wide	14"tall x 32"wide	173.5 Sq Inch	650cfm

Filter grilles have a filter directly behind the grille. The filter keeps the return ducts from getting dirty and require cleaning every 3 to 4 years. Therefore filter grilles must open in order to change filters every 3 months.



RR-203 12x30 Grille in Antique Brass

The above grille is a French Style Louis XIV magnetic filter grille MFG-203 12x20 Notice that you cannot see the filter, hinges, latches or even hardware.



RR-203 12x30 Grille in Rubbed Bronze Finish



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Four Louis XIV Grille Sizes for 14" Tall Ducts

part number	to fit duct size	total size of grille	free air flow	FV@400
RR-203 14x14	14" tall x 16" wide	16" tall x 16" wide	112.7 Sq Inch	354cfm
RR-203 14x20	14" tall x 20" wide	16" tall x 22" wide	163.3 Sq Inch	505cfm
RR-203 14x24	14" tall x 24" wide	16" tall x 26" wide	196.9 Sq Inch	692cfm
RR-203 14x30	14" tall x 30" wide	16" tall x 32" wide	247.5 Sq Inch	760cfm

These Louis XIV Grilles are classified as **Decorative Elements** or **Functional Works of Art**. They function as return air grilles in a forced air heating system. At a Face Velocity of 400 fpm the 14x24 size grille allows 692 cubic feet of air per minute to be returned to the air handler to be filtered and cleaned. This compares very favorably with the standard white louvered return grilles, but as a **Work of Art**, there is no comparison.



The photo above shows wainscoting and carpenter box panels with a Louis XIV Return Air HVAC Grille RR-203 14x24 in Antique Brass. Since you can see through decorative grilles, we strongly recommend that you paint the ductwork flat black before attaching the grille. The flat black paint on the ducts absorbs light rather than reflects light, therefore making the ductwork visually disappear.



RR-203 14x24 Grille in a Black Finish



RR-203 14x14 Grille in Antique Brass



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Four Louis XIV Grille Sizes for 16" Tall Ducts

part number	to fit duct size	total size of grille	free air flow	@400 FV
RR-203 16x16	16" tall x 16" wide	18" tall x 18" wide	148.9 Sq Inch	462cfm
RR-203 16x20	16" tall x 20" wide	18" tall x 22" wide	187.7 Sq Inch	577cfm
RR-203 16x24	16" tall x 24" wide	18" tall x 26" wide	226.4 Sq Inch	693cfm
RR-203 16x30	16" tall x 30" wide	18" tall x 32" wide	284.5 Sq Inch	866cfm

The basic design feature of the Louis XIV Style is the leaves of the Acanthus plant. It became important part of Ancient Greek culture because of its medicinal qualities. In time the Acanthus leaf became a symbol of long life and immortality. In Greek Architecture it was first used on the column capitals on the 5th century BC Temple of Apollo Epicurus. Later these capitals became the part of highest order of Greek Architecture: Corinthian. The Romans also featured Acanthus in their Architecture.



RR-203 16x16 Grille in Pewter



RR-203 16x30 Grille in Antique Brass Finish



RR-203 16x24 Grille in Nickel Finish

As centuries passed Acanthus leaves became more and more stylized growing upward with spiraling offshoots similar to how new leaves unfolded on the actual Acanthus plant. In the Louis XIV Grille design the center plume looks most like the actual Acanthus leaf. The spirals or Rinceaux as the French say, became the dominate design representing growth. Note the Louis XIV Grille photo above shows no less than 20 very stylized Rinceaux. In many respects the Acanthus is immortalized in all classical architecture.



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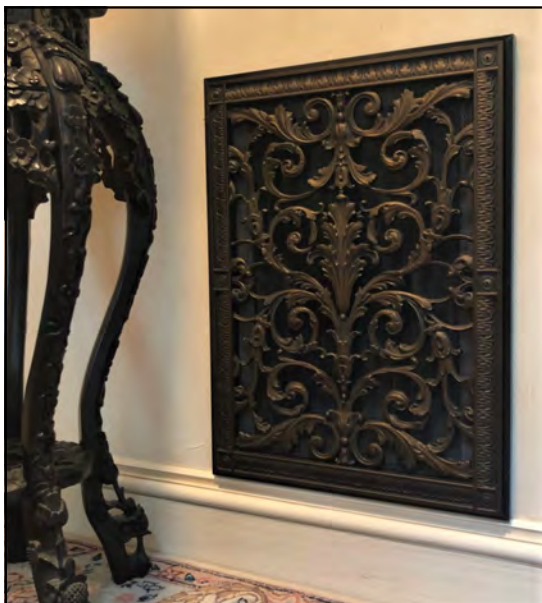
7 Louis XIV Grille Sizes for 18" & 20" Tall Ducts

part number	to fit duct size	total size of grille	free air flow	@400 FV
RR-203 18x18	18"tall x 18" wide	20"tall x 20"wide	190.2 Sq Inch	585cfm
RR-203 20x12	20"tall x 12"wide	22"tall x 14"wide	138.8 Sq Inch	443cfm
RR-203 20x14	20"tall x 14"wide	22"tall x 16"wide	163.3 Sq Inch	505cfm
RR-203 20x16	20"tall x 16"wide	22"tall x 18"wide	187.7 Sq Inch	577cfm
RR-203 20x20	20"tall x 20"wide	22"tall x 22"wide	236.5 Sq Inch	722cfm
RR-203 20x24	20"tall x 24"wide	22"tall x 26"wide	285.3 Sq Inch	866cfm
RR-203 20x30	20"tall x 30"wide	22"tall x 32"wide	358.6 Sq Inch	1080cfm

Grilles are in between a solid like a wall and an opening. Their function is to pass air though from one area to another. Prior to World War II, grilles were also decorative adding elegance to the outside and inside of fine buildings. They were used as foundation vents, convection heat grilles, on radiator cabinets, exhaust vents and pass though ventilation. Then with the popularity of forced are heat and air conditioning in the 1960's big HVAC companies made the white louvered grille touted as more efficient. In fact, the louvers actually reduce performance on return grilles. They also make noise at face velocities over 450 cfm. *Louis XIV*

Grilles do not.

Long Live the Louis XIV Style



MFG-203 14x30 Filter Grille Dark Bronze



RR-203 20x14 Grille in Pewter



RR-203 20x30 Radiator Grille in Umber Gold Finish



RR-203 20x24 Grille in Rubbed Bronze Finish



Four Louis XIV Grille Sizes for 24" Tall Ducts

part number	to fit duct size	total size of grille	free air flow	@400 FV
RR-203 24x14	24"tall x 14"wide	26"tall x 16"wide	196.9 Sq Inch	606cfm
RR-203 24x16	24"tall x 16"wide	26"tall x 18"wide	226.4 Sq Inch	693cfm
RR-203 24x20	24"tall x 20"wide	24"tall x 22"wide	285.3 Sq Inch	866cfm
RR-203 24x24	24"tall x 24"wide	26"tall x 26"wide	344.2 Sq Inch	1039cfm

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In the classic era, the definition of interior design was to decorate every element in a room, house or building and to coordinate the moldings, ornaments, furniture and fabrics.

The elements of a room in those days were windows entrance ways, fire places doors, staircases, ceilings, floors and walls. In many respects those classical influences still exist today. However new elements such as electrical lighting, radiators, forced air heat, and TVs were introduced at times when decoration was *passé*. Just imagine how the room to the left would look with a large white louvered grille.



RR-203 24x24 Grille Antique Brass



RR-203 24x24 Grille in Rubbed Bronze Finish



RR-203 24x24 Grille in Black Finish

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