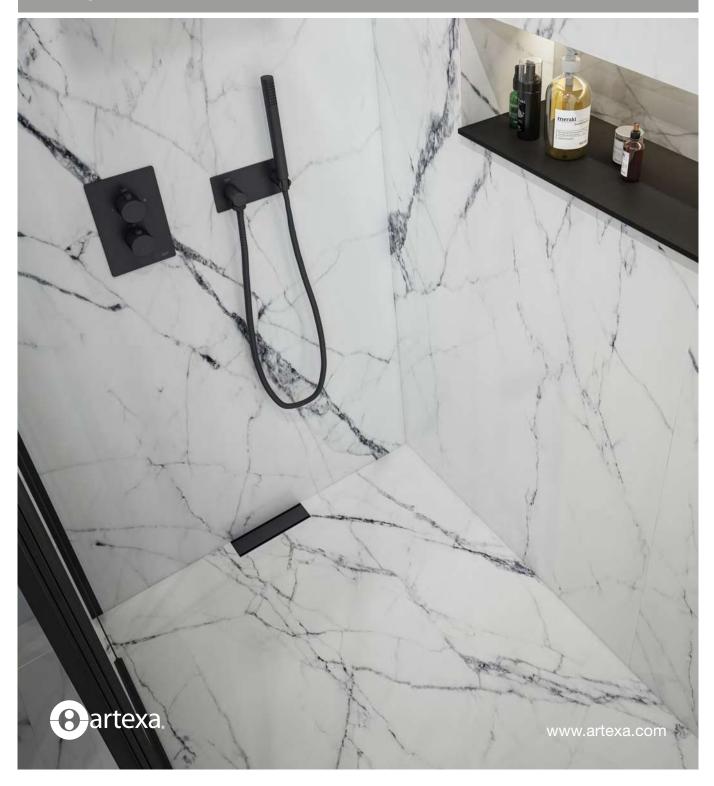


Center & Linear Drains Catálogo 2022

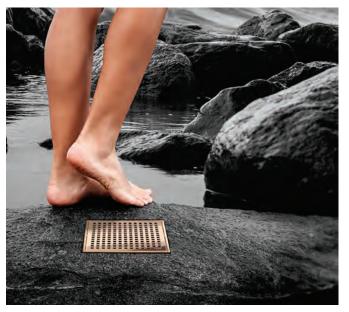












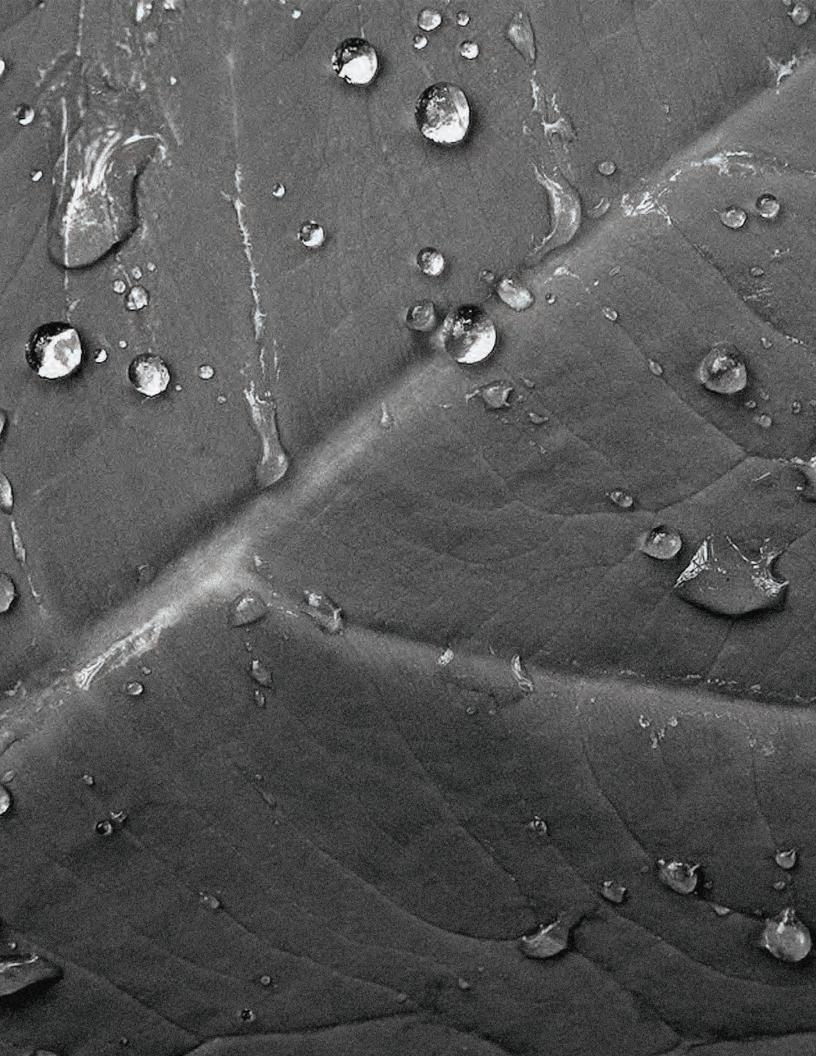


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# **Our Philosophy**

QM Drain is a member of the Quality Metal Group family with over 18 years of experience committed to the best product design using the highest quality Stainless Steel.

Dedicated to eco-friendly manufacturing of a complete line of drains for uses from your shower to your pool.

With headquarters in Florida, USA, and distribution in more than 27 countries, QM has been selected for numerous high-profile projects in several countries.

QM Drain offers a wide range of linear and center drains in 3 series, Delmar, Lagos, and Bay. Bringing technological innovations through simplification, quick installation, and guaranteed performance.

Our most recent award-winner, SUPREME, sets a new benchmark for linear drains.

QM Drain is innovation, quality, and service!



#### Code Approval

QM products meet code approval in the United States and Canada per ASME Standard ASME A 112.18.2-2011/CSA B 125.2-11. Our products were tested in CSA's laboratory to meet the above standards. Additionally, these standards are recognized in the Uniform Plumbing Code (UPC) for Plumbing Waste Fittings.



THE PASSION FOR STAINLESS STEEL

QM DRAIN chooses AISI 316/L stainless steel to shape its own ideas. Stainless steel AISI 316/L also known as Marine 316. is a guarantee of guality and sustainability and is widely considered an ecological material if mechanically manufactured. An inert material that does not release toxic or harmful substances, the stainless steel combines the high level of hygiene, understood as antibacterial efficacy, with the resistance to corrosion thanks to the self-protective film that protects it when in contact with air. QM DRAIN adopts handmade finishes for its series obtained by smoothing, polishing and brushing. The wisdom and experience of QM DRAIN'S craftsmanship ensures a quality product.



#### TECHNOLOGICAL INNOVATION

QM DRAIN (Quality Metal Drain) invests its know-how in the research and development of technological solutions for product design. The origins of its expertise trace back to its experiences in the plumbing and installation planning fields, combining technical know-how and architectural demands. The internal research into the product and its peculiarities is careful and aims at supporting the construction work, through simplification, rapid installation and guaranteed operation.



## DESIGN & PRODUCTION

QM DRAIN production process is characterized by precision, simplicity, and craftsmanship that guides innovation and sustainability resulting in sleek design that will transcend architecture through time.

# **Our Passion for Stainless Steel**



ECO-FRIENDLY PRODUCT

The distinctive hardness of the AISI 316/L stainless steel guarantees long life of QM DRAIN products and resistance to scratches, external agents, salt and sulfur waters. The characteristics of the material represent the primary guarantee of QM DRAIN products: quality, durability and eco-friendly.



#### TOTALLY RECYCLABLE

QM DRAIN chooses AISI 316/L stainless steel, a totally recyclable and highly performing material. The raw material, characterized by low levels of carbon, is carefully selected and enables QM DRAIN to not involve hot melting, painting, galvanic treatment or other chemical processes during production. QM DRAINS do not release any toxic elements into the water. and are highly hygienic and totally recyclable.



LOW ENVIRONMENTAL IMPACT

QM DRAIN adopts only cold working methods for stainless steel and does not influence global warning.

Thanks to Precision CNC machines (lathes, milling and laser cutting) the quality of the production process achieves excellent results. Finishes are also obtained through environmentally friendly mechanical processes.

QM stainless steel Bronze, Matte Black, and Satin Gold finishes are obtained by Physical Vapor Deposition (PVD) and Nano Technology coating. The result is superior wear, corrosion and chemical resistance, high hardness, and an environmentally friendly process.



#### **1. BEYOND QUALITY**

**2. TRENDING DESIGNS** 

Never compromise quality, we offer only the best.

#### Ahead of the curve, we create change.

#### **3. QUALITY CONTROL**

Pride in every detail, craftsmanship ensures a quality product.

#### 4. TECHNOLOGICAL INNOVATION

Through simplification, rapid installation, and guaranteed operation.

#### **5. WORLD CLASS SUPPORT**

As a team, we bring experiences, challenges, and responsibility to each product.



#### **6. PRESERVE THE ENVIRONMENT**

We always use recyclable and Eco-friendly materials.

#### 7. PASSION FOR STAINLESS STEEL

We choose **Marine Grade 316 Stainless Steel**, the highest corrosion resistance material, to shape our ideas.

#### **8. HIGH LEVEL OF EXPERTISE**

More than 18 years dedicated to design and manufacturing using stainless steel.

#### 9. CUSTOM CAPABILITY

Whether a single drain for residential or providing an engineered solution for commercial projects, our expertise ensures quality and timeliness.

#StainlessSteel316



Delmar is our crown jewel. It is the perfect combination of unique modern design and the highest quality you will find in the industry.

Delmar offers you the only line of drains made entirely of **Stainless Steel Marine 316**, from top to bottom, for unmatched corrosion resistance and minimum maintenance.

It gives you the most design freedom through our wide variety of options:

- Supreme linear drains
- Adjustable and custom linear drains
- Standard length linear drains
- Square center drains







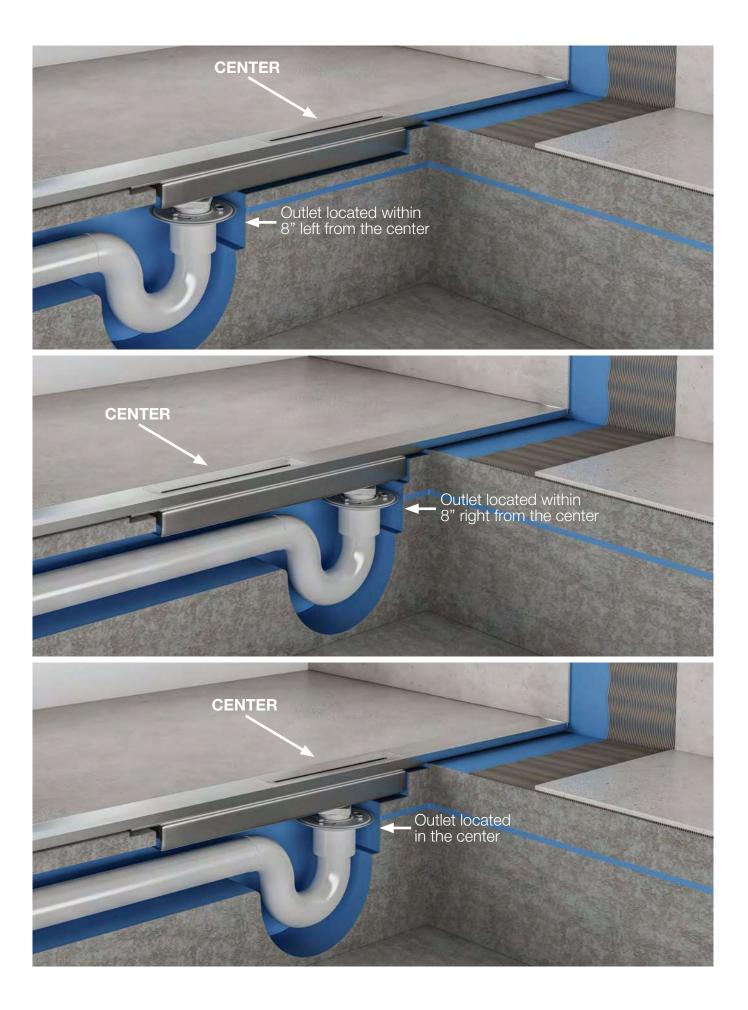
## **SUPREME** HAS SET A NEW BENCHMARK IN SHOWER DRAINS







# **SUPREME** revolutionizes the installation of linear drains





#### **VERSATILITY & FLEXIBILITY**

**SUPREME** is a unique linear shower drain that solves one of the biggest problems facing installers and plumbers in both construction and remodeling, eliminating the need to relocate existing plumbing when the water outlet is located a few inches off-center.

This award winning and innovative product offers an independent base that houses an internal rail system which enables the grate to be in a different position than the base and the outlet, allowing a quick and easy installation. Its superior design provides a flexible 8-inch range from the center of the shower, allowing you to center your drain without moving the existing pipe.



**Drain base** has an offset 2" outlet. This feature allows you to rotate the base to accommodate a left or right position and the sliders adjust to connect the grate in a different position than the outlet.





One drain channel... four grate sizes, four finishes, all the possibilities









One drain channel... reversible grate, one size, four finishes, all the possibilities.









Material: 100% Stainless Steel Marine 316. Finishes: Satin, Polished, Satin Gold, & Matte Black.

**Base:** houses an internal rail system which enables the grate to be in a different position than the base and the outlet, allowing you to center your drain without moving the existing pipe.

**Grate:** can be cut to your specific length and multiple drains can be aligned to accommodate multiple outlets.

Outlet: 2" Offset Location.

Installation Instruction Pages: 136-138 Specification Pages: 104-105

#### **Accessories included:**



Clampdown flange drain is not included in kit. If needed see page 99



	Length	SKU
Satin	30"	33.800.30 ST
	40"	33.800.40 ST
	50"	33.800.50 ST
Gold Polished	60"	33.800.60 ST
	30"	33.800.30 PS
	40"	33.800.40 PS
	50"	33.800.50 PS
	60"	33.800.60 PS
	30"	33.800.30 GD
	40"	33.800.40 GD
	50"	33.800.50 GD
Black	60"	33.800.60 GD
	30"	33.800.30 BK
	40"	33.800.40 BK
	50"	33.800.50 BK
	60"	33.800.60 BK









Material: 100% Stainless Steel Marine 316. Finishes: Satin, Polished, Satin Gold, & Matte Black.

**Base:** houses an internal rail system which enables the grate to be in a different position than the base and the outlet, allowing you to center your drain without moving the existing pipe.

**Grate:** reversible, universal "one size fits all". **Outlet:** 2" Offset Location.

#### **Accessories included:**



Installation Instruction Page: 140 Specification Pages: 106-107

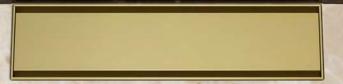
Clampdown flange drain is not included in kit. If needed see page 99



	Length	SKU	
Co+in	8"	33.810.08 ST	
Dolichod	8"	33.810.08 PS	
	8"	33.810.08 GD	
	<b>8</b> "	33.810.08 BK	

Delmar Series Supreme Linear Drain \QM 23

NEW Supreme Tile-in<sup>+</sup> One drain, two designs





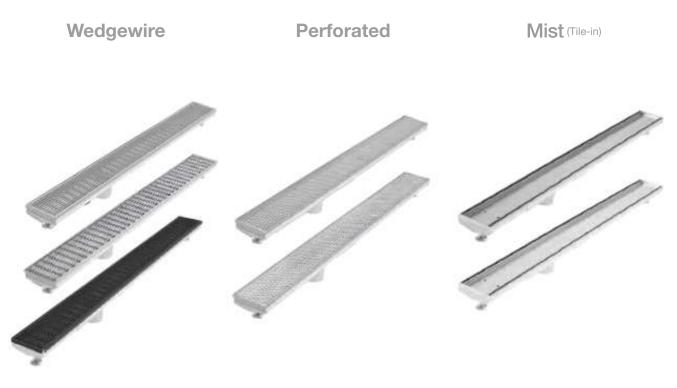
### Adjustable Linear Drain

Delmar | Wedgewire | Satin



STATES NO.

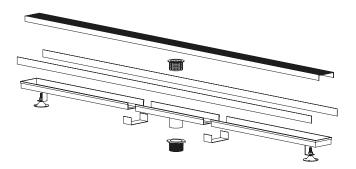




Satin, Polished & Black

Satin & Polished

Satin & Polished



#### Sizes Available: 36", 48", 60", 72", & 96"

**Kit Includes:** Base, Grate, Trim, Outlet, Threaded Nipple, Hair Strainer, Sealant, Adjustable Feet, Lifting Key and Stainless Steel Cutting Blade.

**Note:** For Indoor and Outdoor use. Create any length by connecting multiple kits.





**Frame** prevents damage to the grout when the grate is removed.

Base length can be adjusted and outlet placed on site.

**Trims** cover the edge of the base, so the joints are not visible.

Joiners used to attach base and

2" or 3" High Flow Outlet pipe, can be placed anywhere on

Hair Strainer fits inside the drain to collect hair and other debris. preventing clogged pipes. Also, keeps insects and small rodents from coming up through the sewage

Leveling Feet keep the drain channel in the correct position and level

Lifting Key assists with grate removal.

**Corner\*** needed when connecting two bases in a 90 degree angle. (\*) Corner accessory sold separately



Watch video









### WEDGEWIRE

Influenced by naturally exposing forms and pushing raw materials beyond the wire



#### **Adjustable Length**

Material: 100% Stainless Steel Marine 316.

**Finishes:** Satin, Polished, & Matte Black. **Base:** Pre-sloped low profile channel, adjust length on site. Create any length by connecting multiple kits.

**Grate:** can be cut to your specific length. **Outlet:** 2" or 3" High Flow. Adjust outlet position on site.

Installation Instruction Pages: 142-143 Specification Pages: 108-111 Base Kits and Components Pages: 156-157

Clampdown flange drain is not included in kit. If needed see page 99

#### Accessories included:



#### Kit with 2" Outlet

	Length	SKU
	36"	33.610.36 ST
	48"	33.610.48 ST
Sati	60"	33.610.60 ST
S S S S S S S S S S S S S S S S S S S	72"	33.610.72 ST
	96"	33.610.96 ST
	36"	33.610.36 PS
Polished	48"	33.610.48 PS
dei dei	60"	33.610.60 PS
	72"	33.610.72 PS
	96"	33.610.96 PS
	36"	33.610.36 BK
× ×	48"	33.610.48 BK
Black	60"	33.610.60 BK
<u> </u>	72"	33.610.72 BK
-	96"	33.610.96 BK

**Note:** Choose the kit with equal or greater size than the length wanted; for longer length drain connect kits to build the desired length.

Delmar Series Adjustable Linear Drain \QM 31







### PERFORATED

Inspired by the thought of life connecting the dots



#### **Adjustable Length**

Material: 100% Stainless Steel Marine 316.

Finishes: Satin & Polished.

**Base:** Pre-sloped low profile channel, adjust length on site. Create any length by connecting multiple kits.

Grate: can be cut to your specific length. Outlet: 2" or 3" High Flow. Adjust outlet position on site.

Installation Instruction Pages: 142-143 Specification Pages: 108-111 Base Kits and Components Pages: 156-157

Clampdown flange drain is not included in kit. If needed see page 99

#### **Accessories included:**



#### Kit with 2" Outlet

	Length	SKU
	36"	33.620.36 ST
	48"	33.620.48 ST
Sati	60"	33.620.60 ST
S	72"	33.620.72 ST
	96"	33.620.96 ST
	36"	33.620.36 PS
hed	48"	33.620.48 PS
ish	60"	33.620.60 PS
0	72"	33.620.72 PS
	96"	33.620.96 PS







### MIST (Tile-in)

A tribute to the way water disguises everything around us in nature



#### **Adjustable Length**

Material: 100% Stainless Steel Marine 316.

**Finishes:** Satin, Polished, & Matte Black. **Base:** Pre-sloped low profile channel, adjust length on site. Create any length by connecting multiple kits.

**Grate:** can be cut to your specific length. **Outlet:** 2" or 3" High Flow. Adjust outlet position on site.

Installation Instruction Pages: 142-143 Specification Pages: 108-111 Base Kits and Components Pages: 156-157

Clampdown flange drain is not included in kit. If needed see page 99

#### Accessories included:



#### Kit with 2" Outlet



	Length	SKU
	36"	33.630.36 ST
2	48"	33.630.48 ST
ati	60"	33.630.60 ST
<b>S</b> _	72"	33.630.72 ST
	96"	33.630.96 ST
_	36"	33.630.36 PS
eq	48"	33.630.48 PS
olished	60"	33.630.60 PS
0	72"	33.630.72 PS
	96"	33.630.96 PS





## **Sizes Available:** 24", 28", 32", 36", 48", & 58" (\*) Sizes Available 24" to 36"



**Frame** prevents damage to the grout when the grate is removed.

**Base** pre-pitched drain base eliminates the pooling of water. Allows water to flow properly to outlet.

**Outlet** centrally located 2" outlet pipe.



Threaded Nipple with gasket used to install the drain into the flange, helps adjust the height and threads into most 2" ABS, PVC, and Cast Iron Flanges.

**Hair Strainer** fits inside the drain to collect hair and other debris, preventing clogged pipes Also, keeps insects and small rodents from coming up through the sewage system.

**Leveling Feet** keep the drain channel in the correct position and level during installation.

**Lifting Key** assists with grate removal.



Watch video

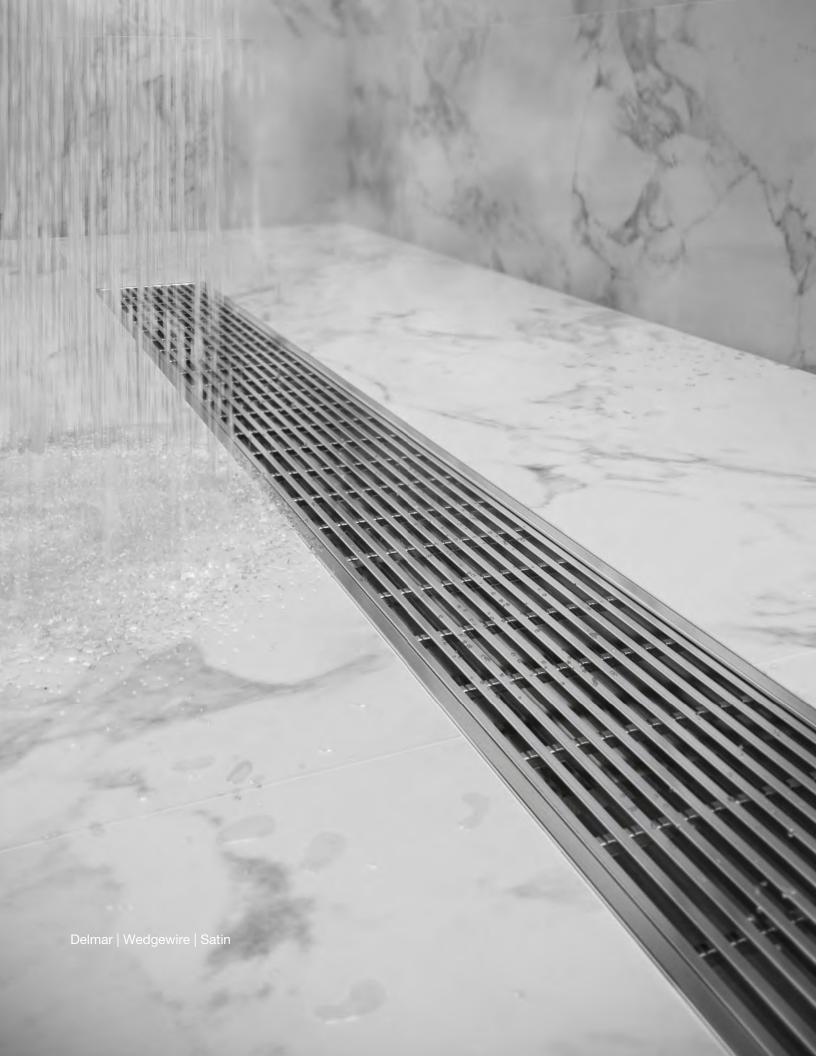
#### BASES AVAILABLE

**Plain Edge** is intended for use with standard waterproofing methods. Waterproofing is installed before the drain base is connected.

Flange Edge and Side Outlet Flange Edge are intended for use with modern waterproofing methods (liquid or fabric type waterproofing). Waterproofing is installed over the edge of the drain base.







Delmar | Delta | Polished

D





### WEDGEWIRE

Influenced by naturally exposing forms and pushing raw materials beyond the wire



#### **Standard Length**

Material: Stainless Steel Marine 316. Finishes: Satin, Polished, & Matte Black. Base Options: Plain Edge, Flange Edge, and Side Outlet Flange Edge. Outlet: 2" Center Location.

Installation Instruction Pages: 144-145 Specification Pages: 112-117 Components Pages: 154-155

#### PLAIN EDGE BASE



#### **Accessories included:**







Adjustable Feet



	Length	SKU
	24"	33.700.24 ST
	28"	33.700.28 ST
	32"	33.700.32 ST
Satin	36"	33.700.36 ST
0	48"	33.700.48 ST
	58"	33.700.58 ST
_	24"	33.700.24 PS
ð	28"	33.700.28 PS
she	32"	33.700.32 PS
Polished	36"	33.700.36 PS
ď	48"	33.700.48 PS
_	58"	33.700.58 PS
_	24"	33.700.24 BK
	28"	33.700.28 BK
Š	32"	33.700.32 BK
Black	36"	33.700.36 BK
	48"	33.700.48 BK
	58"	33.700.58 BK





### WEDGEWIRE

#### FLANGE EDGE BASE



	Length	SKU
	24"	33.700.24F ST
	28"	33.700.28F ST
Satin	32"	33.700.32F ST
Sa	36"	33.700.36F ST
	48"	33.700.48F ST
	58"	33.700.58F ST
_	24"	33.700.24F PS
ğ	28"	33.700.28F PS
Polished	32"	33.700.32F PS
	36"	33.700.36F PS
٩	48"	33.700.48F PS
	58"	33.700.58F PS
	24"	33.700.24F BK
	28"	33.700.28F BK
Black	32"	33.700.32F BK
	36"	33.700.36F BK
	48"	33.700.48F BK
	58"	33.700.58F BK
	l enath	SKU



	Length	SKU
	24"	33.700.24FSO ST
	28"	33.700.28FSO ST
tin	32"	33.700.32FSO ST
Satin	36"	33.700.36FSO ST
	48"	33.700.48FSO ST
	58"	33.700.58FSO ST
	24"	33.700.24FSO PS
Ď	28"	33.700.28FSO PS
Polished	32"	33.700.32FSO PS
	36"	33.700.36FSO PS
٩	48"	33.700.48FSO PS
	58"	33.700.58FSOPS
	24"	33.700.24FSO BK
<u> </u>	28"	33.700.28FSO BK
Black –	32"	33.700.32FSO BK
	36"	33.700.36FSO BK
	48"	33.700.48FSO BK
	58"	33.700.58FSO BK





### DELTA

Inspired by the strong and determined way a river flows into the ocean



Standard Length Material: Stainless Steel Marine 316. Finishes: Satin & Polished. Base Options: Plain Edge, Flange Edge, and Side Outlet Flange Edge. Outlet: 2" Center Location.

Installation Instruction Pages: 144-145 Specification Pages: 112-117 Components Pages: 154-155

#### Accessories included:



Clampdown flange drain is not included in kit. If needed see page 99

#### PLAIN EDGE BASE



	Length	SKU
	24"	33.300.24 ST
	28"	33.300.28 ST
S	32"	33.300.32 ST
satin	36"	33.300.36 ST
S -	48"	33.300.48 ST
	58"	33.300.58 ST
	24"	33.300.24 PS
Ö	28"	33.300.28 PS
she	32"	33.300.32 PS
olished	36"	33.300.36 PS
đ	48"	33.300.48 PS
	58"	33.300.58 PS





### DELTA

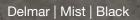
#### FLANGE EDGE BASE



	Length	SKU
	24"	33.300.24F ST
	28"	33.300.28F ST
tin	32"	33.300.32F ST
Satir	36"	33.300.36F ST
	48"	33.300.48F ST
	58"	33.300.58F ST
	24"	33.300.24F PS
Ď	28"	33.300.28F PS
she	32"	33.300.32F PS
olished	36"	33.300.36F PS
٩	48"	33.300.48F PS
	58"	33.300.58F PS



	Length	SKU
	24"	33.300.24FSO ST
	28"	33.300.28FSO ST
tin	32"	33.300.32FSO ST
Satir	36"	33.300.36FSO ST
	48"	33.300.48FSO ST
	58"	33.300.58FSO ST
	24"	33.300.24FSO PS
D	28"	33.300.28FSO PS
Polished	32"	33.300.32FSO PS
olis	36"	33.300.36FSO PS
đ	48"	33.300.48FSO PS
	58"	33.300.58FSO PS









# MIST (Tile-in)

A tribute to the way water disguises everything around us in nature



#### Standard Length



Installation Instruction Pages: 144-145 Specification Pages: 112-117 Components Pages: 154-155

#### **Accessories included:**



Clampdown flange drain is not included in kit. If needed see page 99

#### PLAIN EDGE BASE



	Length	SKU
	24"	33.500.24 ST
	28"	33.500.28 ST
2	32"	33.500.32 ST
Satil	36"	33.500.36 ST
0)	48"	33.500.48 ST
	58"	33.500.58 ST
	24"	33.500.24 BK
	28"	33.500.28 BK
Black	32"	33.500.32 BK
	36"	33.500.36 BK
_	48"	33.500.48 BK
	58"	33.500.58 BK





## MIST (Tile-in)

#### FLANGE EDGE BASE



	Length	SKU
	24"	33.500.24F ST
	28"	33.500.28F ST
Satin	32"	33.500.32F ST
	36"	33.500.36F ST
	48"	33.500.48F ST
	58"	33.500.58F ST



	Length	SKU
	24"	33.500.24FSO ST
	28"	33.500.28FSO ST
tin	32"	33.500.32FSO ST
Satii	36"	33.500.36FSO ST
	48"	33.500.48FSO ST
	58"	33.500.58FSO ST





### KAI

From the word sea in Hawaiian, Kai pays tribute to the tranquility and vastness of open sea



Standard Length Material: Stainless Steel Marine 316. Finishes: Satin. Base Options: Plain Edge, Flange Edge, and Side Outlet Flange Edge. Outlet: 2" Center Location.

Installation Instruction Pages: 144-145 Specification Pages: 112-117 Components Pages: 154-155

#### Accessories included:



Clampdown flange drain is not included in kit. If needed see page 99

#### PLAIN EDGE BASE



	Length	SKU
	24"	33.200.24 ST
tin	28"	33.200.28 ST
Sati	32"	33.200.32 ST
	36"	33.200.36 ST





KAI

#### FLANGE EDGE BASE



	Length	SKU
	24"	33.200.24F ST
Satin	28"	33.200.28F ST
Sa	32"	33.200.32F ST
	36"	33.200.36F ST



	Length	SKU
	24"	33.200.24FSO ST
Satin	28"	33.200.28FSO ST
Sa	32"	33.200.32FSO ST
_	36"	33.200.36FSO ST

Delmar | Nami | Satin

PPLE







### NAMI

Named after the Japanese word for wave and inspired by beautiful ripple marks on a sandy beach

#### 

Standard Length Material: Stainless Steel Marine 316. Finishes: Satin. Base Options: Plain Edge, Flange Edge, and Side Outlet Flange Edge. Outlet: 2" Center Location.

Installation Instruction Pages: 144-145 Specification Pages: 112-117 Components Pages: 154-155

#### **Accessories included:**



Clampdown flange drain is not included in kit. If needed see page 99

#### PLAIN EDGE BASE



	Length	SKU
Satin	24"	33.100.24 ST
	28"	33.100.28 ST
	32"	33.100.32 ST
	36"	33.100.36 ST





### NAMI

#### FLANGE EDGE BASE



	Length	SKU
Satin	24"	33.100.24F ST
	28"	33.100.28F ST
Sa	32"	33.100.32F ST
	36"	33.100.36F ST



	Length	SKU
	24"	33.100.24FSO ST
Satin	28"	33.100.28FSO ST
Sa	32"	33.100.32FSO ST
	36"	33.100.36FSO ST





## LOTUS

A design pure as a lotus, the most beautiful and exquisite flower to ever have grown in water

#### **Standard Length**

Material: Stainless Steel Marine 316. Finishes: Bronze, Matte Black, & Satin Gold. Base Options: Plain Edge, Flange Edge, and Side Outlet Flange Edge. Outlet: 2" Center Location.

Installation Instruction Pages: 144-145 Specification Pages: 112-117 Components Pages: 154-155

#### PLAIN EDGE BASE



#### **Accessories included:**





Threaded Nipple





	Length	SKU
	24"	33.400.24 BZ
Ð	28"	33.400.28 BZ
Bronze	32"	33.400.32 BZ
B	36"	33.400.36 BZ
_	48"	33.400.48 BZ
_	58"	33.400.58 BZ
	24"	33.400.24 BK
_	28"	33.400.28 BK
Black	32"	33.400.32 BK
	36"	33.400.36 BK
	48"	33.400.48 BK
	58"	33.400.58 BK
	24"	33.400.24 GD
_	28"	33.400.28 GD
Gold	32"	33.400.32 GD
	36"	33.400.36 GD
	48"	33.400.48 GD
_	58"	33.400.58 GD





## LOTUS

#### FLANGE EDGE BASE



<b>SIDE OUTLE</b>	<b>ET FLANGE</b>	<b>EDGE BASE</b>
-------------------	------------------	------------------



	Length	SKU
	24"	33.400.24F BZ
Ð	28"	33.400.28F BZ
Bronze	32"	33.400.32F BZ
B	36"	33.400.36F BZ
	48"	33.400.48F BZ
	58"	33.400.58F BZ
	24"	33.400.24F BK
	28"	33.400.28F BK
Black	32"	33.400.32F BK
m	36"	33.400.36F BK
	48"	33.400.48F BK
	58"	33.400.58F BK
	24"	33.400.24F GD
	28"	33.400.28F GD
Gold	32"	33.400.32F GD
Ğ	36"	33.400.36F GD
	48"	33.400.48F GD
	58"	33.400.58F GD

	Length	SKU
	24"	33.400.24FSO BZ
Ð	28"	33.400.28FSO BZ
Bronze	32"	33.400.32FSO BZ
n n	36"	33.400.36FSO BZ
	48"	33.400.48FSO BZ
	58"	33.400.58FSO BZ
	24"	33.400.24FSO BK
	28"	33.400.28FSO BK
<b>3lack</b>	32"	33.400.32FSO BK
m	36"	33.400.36FSO BK
	48"	33.400.48FSO BK
	58"	33.400.58FSO BK
	24"	33.400.24FSO GD
	28"	33.400.28FSO GD
Gold	32"	33.400.32FSO GD
G	36"	33.400.36FSO GD
_	48"	33.400.48FSO GD
	58"	33.400.58FSO GD





**Sizes Available:** 4" x 4" & 5 <sup>3</sup>/<sub>4</sub>" x 5 <sup>3</sup>/<sub>4</sub>", except Kai, which is also available in 8" x 8" with a 3" high flow outlet.













### DELTA

Inspired by the strong and determined way a river flows into the ocean



Center Drain Material: Stainless Steel Marine 316. Finishes: Satin & Polished. Outlet: 2" Center Location.

#### **Accessories included:**



Hair Strainer



Installation Instruction Pages: 146-147 Specification Pages: 118-119



Size	SKU
<b>...</b> 4" x 4"	33.300.04 ST
<b>5</b> <sup>3</sup> / <sub>4</sub> " x 5 <sup>3</sup> / <sub>4</sub> "	33.300.06 ST
<b>9</b> 4" x 4"	33.300.04 PS
<b>5</b> <sup>3</sup> / <sub>4</sub> " x 5 <sup>3</sup> / <sub>4</sub> "	33.300.06 PS







# MIST (Tile-in)

A tribute to the way water disguises everything around us in nature



Center Drain Material: Stainless Steel Marine 316. Finishes: Satin. Outlet: 2" Center Location.

#### **Accessories included:**







Installation Instruction Pages: 146-147 Specification Pages: 118-119



	Size	SKU
tin	4" x 4"	33.500.04 ST
Sa	5¾" x 5¾"	33.500.06 ST







KAI

From the word sea in Hawaiian, Kai pays tribute to the tranquility and vastness of open sea



Center Drain Material: Stainless Steel Marine 316. Finishes: Satin. Outlet: 2" Center Location, and 3" High Flow Outlet only for 8" x 8".

#### **Accessories included:**







Installation Instruction Pages: 146-147 Specification Pages: 118-119



	Size	SKU
Satin	4" x 4"	33.200.04 ST
	5¾" x 5¾"	33.200.06 ST
	8" x 8"	33.200.08HF ST







### NAMI

Named after the Japanese word for wave and inspired by beautiful ripple marks on a sandy beach



Center Drain Material: Stainless Steel Marine 316. Finishes: Satin. Outlet: 2" Center Location.

#### **Accessories included:**







Installation Instruction Pages: 146-147 Specification Pages: 118-119



	Size	SKU
tin	4" x 4"	33.100.04 ST
Sa	5¾" x 5¾"	33.100.04 ST 33.100.06 ST







# LOTUS

A design pure as a lotus, the most beautiful and exquisite flower to ever have grown in water



Center Drain Material: Stainless Steel Marine 316. Finishes: Satin Gold, Matte Black, & Bronze. Outlet: 2" Center Location.

#### **Accessories included:**



Hair Strainer



Installation Instruction Pages: 146-147 Specification Pages: 118-119



	Size	SKU
	4" x 4"	33.400.04 GD
Gold	5¾" x 5¾"	33.400.06 GD
Black	4" x 4"	33.400.04 BK
B	5¾" x 5¾"	33.400.06 BK
<b>Bronze</b>	4" x 4"	33.400.04 BZ
Bro	5¾" x 5¾"	33.400.06 BZ



#MoreThanDesign



Lagos drains are built with the perfect combination of a 100% **Marine Grade 316 Stainless Steel** frame and grate, which guarantees the best durability and resistance to corrosion produced by cleaning and water softener chemicals and a base made of **ABS**/ **PVC plastic**, known for being tough, rigid, & chemical resistant.

Lagos is our most cost-effective series of center and linear drains that allows you to enjoy a unique modern design, available in:

- Adjustable Linear Drains
- Linear Drain
- Center Drains



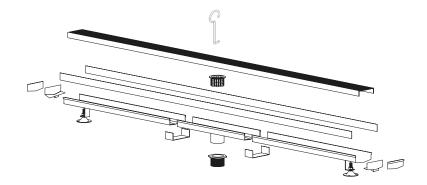




Satin, Polished, & Black

Satin & Polished

Satin & Polished



Sizes Available: 36", 48", 60", 72", & 96"

**Kit Includes:** Base, Grate, Trim, Joiners, Outlet, Threaded Nipple, Hair Strainer, Adjustable Feet, Lifting Key and Stainless Steel Cutting Blade.

**Note:** For Indoor and Outdoor use. Create any length by connecting multiple kits.





nair Strainer fits inside the drain to collect hair and other debris, preventing clogged pipes. Also, keeps insects and small rodents from coming up through the sewage system.

**Leveling Feet** keep the drain channel in the correct position and level during installation.



Lifting Key assists with grate removal.



**Corner\*** needed when connecting two bases in a 90 degrees angle. (\*) Corner accessory sold separately



Watch video









### WEDGEWIRE

Influenced by naturally exposing forms and pushing raw materials beyond the wire



#### Adjustable Length

**Material:** Grate and edge trims are made with stainless steel 316. Channel is made with PVC.

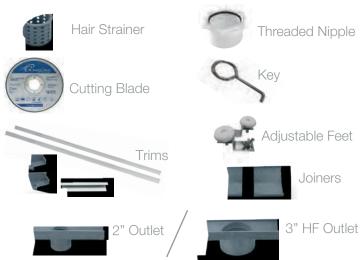
**Finishes:** Satin, Polished, & Matte Black. **Base:** Pre-sloped low profile channel, adjust length on site. Create any length by connecting multiple kits.

**Grate:** can be cut to your specific length. **Outlet:** 2" or 3" High Flow. Adjust outlet position on site.

Installation Instruction Pages: 148-149 Specification Pages: 120-123 Base Kits and Components Pages: 156-157

Clampdown flange drain is not included in kit. If needed see page 99

#### Accessories included:



#### Kit with 2" Outlet

	Length	SKU
	36"	88.610.36 ST
	48"	88.610.48 ST
Satin	60"	88.610.60 ST
S	72"	88.610.72 ST
	96"	88.610.96 ST
_	36"	88.610.36 PS
Polished	48"	88.610.48 PS
i isi	60"	88.610.60 PS
0	72"	88.610.72 PS
	96"	88.610.96 PS
	36"	88.610.36 BK
×	48"	88.610.48 BK
Black	60"	88.610.60 BK
	72"	88.610.72 BK
	96"	88.610.96 BK

**Note:** Choose the kit with equal or greater size than the length wanted; for longer length drain connect kits to build the desired length.

Lagos Series Adjustable Linear Drain \QM 73







### PERFORATED

Inspired by the thought of life connecting the dots



#### **Adjustable Length**

**Material:** Grate and edge trims are made with stainless steel 316. Channel is made with PVC.

Finishes: Satin & Polished.

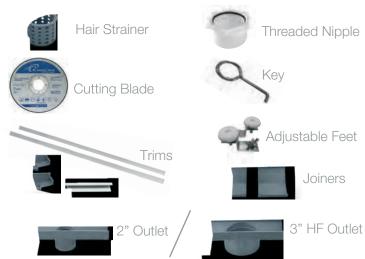
**Base:** Pre-sloped low profile channel, adjust length on site. Create any length by connecting multiple kits.

**Grate:** can be cut to your specific length. **Outlet:** 2" or 3" High Flow. Adjust outlet position on site.

Installation Instruction Pages: 148-149 Specification Pages: 120-123 Base Kits and Components Pages: 156-157

Clampdown flange drain is not included in kit. If needed see page 99

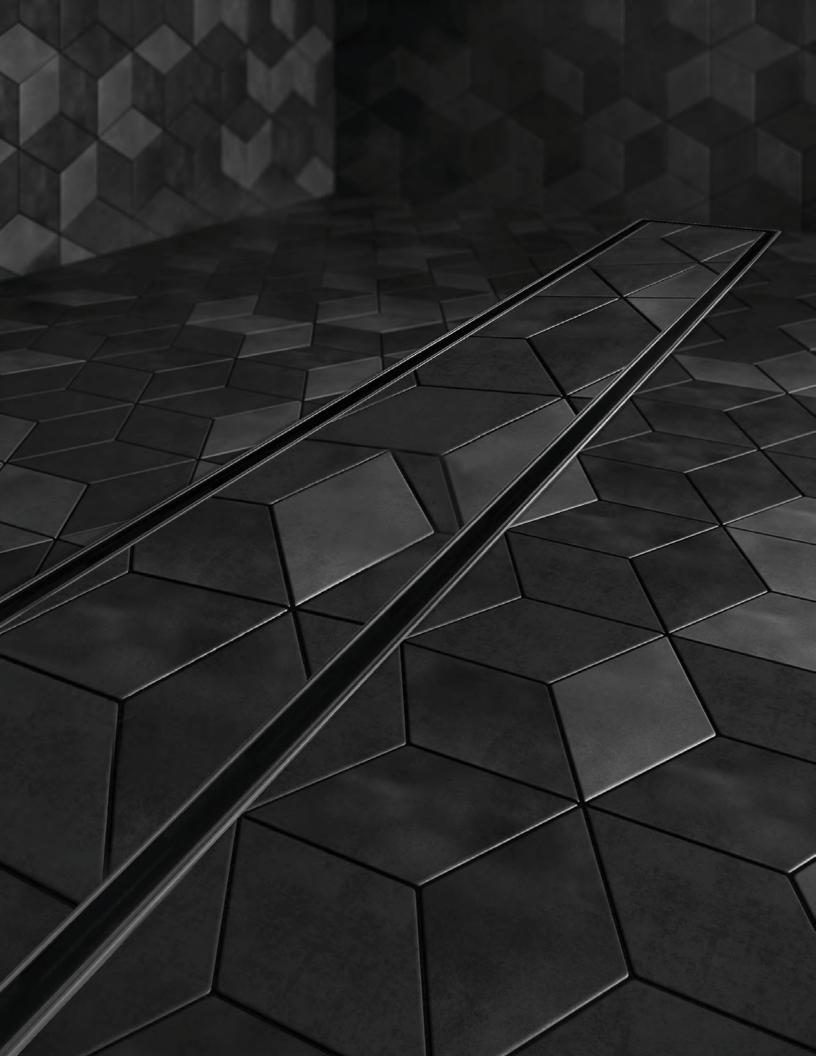
#### **Accessories included:**



#### Kit with 2" Outlet

	Length	SKU
	36"	88.620.36 ST
۲	48"	88.620.48 ST
ati	60"	88.620.60 ST
S	72"	88.620.72 ST
	96"	88.620.96 ST
	36"	88.620.36 PS
shed	48"	88.620.48 PS
ish	60"	88.620.60 PS
	72"	88.620.72 PS
	96"	88.620.96 PS









## MIST (Tile-in)

A tribute to the way water disguises everything around us in nature



#### **Adjustable Length**

**Material:** Grate and edge trims are made with stainless steel 316. Channel is made with PVC.

Finishes: Satin & Polished.

**Base:** Pre-sloped low profile channel, adjust length on site. Create any length by connecting multiple kits.

**Grate:** can be cut to your specific length. **Outlet:** 2" or 3" High Flow. Adjust outlet position on site.

Installation Instruction Pages: 148-149 Specification Pages: 120-123 Base Kits and Components Pages: 156-157

Clampdown flange drain is not included in kit. If needed see page 99

### Accessories included:

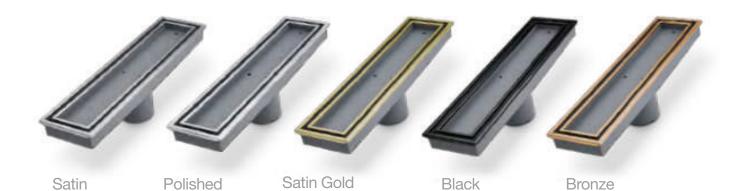


#### Kit with 2" Outlet

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		//	-
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	-		
No.			

	Length	SKU	
	36"	88.630.36 ST	
۲	48"	88.630.48 ST	
ati	60"	88.630.60 ST	
S	72"	88.630.72 ST	
	96"	88.630.96 ST	
_	36"	88.630.36 PS	
olished	48"	88.630.48 PS	
ish	60"	88.630.60 PS	
	72"	88.630.72 PS	
	96"	88.630.96 PS	





Size Available: 12" x 3"

**Kit Includes:** Base, Grate, Threaded Nipple, Hair Strainer and Lifting Key.





**Frame** prevents damage to the grout when the grate is removed.

**Grate** and Frame made in Stainless Steel 316.

**Base** is made in ABS Plastic. ABS is known for being a tough, rigid and chemical resistant material.

**Outlet** centrally located 2" outlet pipe.

**Threaded Nipple** with gasket used to install the drain into the flange, helps adjust the height and threads into most 2" ABS, PVC, and Cast Iron Flanges.

Hair Strainer fits inside the drain to collect hair and other debris, preventing clogged pipes. Also, keeps insects and small rodents from coming up through the sewage system.

Lifting Key assists with grate removal.









# VEIL (Tile-in)

A tribute to the way water disguises everything around us in nature



#### Standard Length

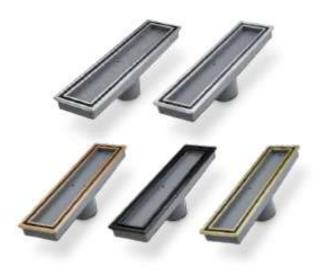
Material: Stainless Steel Marine 316 on all the edges in a PVC plastic body. Base: Pre-sloped low profile. Finishes: Satin, Polished, Bronze, Matte Black, & Satin Gold. Outlet: 2" Center Location.

#### **Accessories included:**



Installation Instruction Page: 144 Specification Page: 126

Clampdown flange drain is not included in kit. If needed see page 99



	Length	SKU	
Satin	12"	88.300.12 ST	
Polished	12"	88.300.12 PS	
Bronze	12"	88.300.12 BZ	
Black	12"	88.300.12 BK	
Gold	12"	88.300.12 GD	

Lagos Series Veil Linear Drain \QM 81













Polished





Satin Gold



Black



Bronze

Veil (Tile-in)



Polished

Satin







Black

**Sizes Available:** 4" x 4" or 5 <sup>3</sup>/<sub>4</sub>" x 5 <sup>3</sup>/<sub>4</sub>"





Lagos Series Square Drain \QM 85







### **MIRA**

True to its name, which means ocean in Sanskrit, Mira evokes the boundless beauty of the sea



#### **Center Drain**

Material: Frame and Grate made of 100% Marine Grade 316 Stainless Steel and a base made of ABS plastic.

**Finishes:** Satin, Polished, Bronze, Matte Black, & Satin Gold. **Outlet:** 2" Center Location.

> Installation Instruction Pages: 146-147 Specification Pages: 124-125

#### **Accessories included:**



Hair Strainer



Clampdown flange drain is not included in kit. If needed see page 99

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Loss of the second seco	) [[		

	Size	SKU	
tin	4" x 4"	88.100.04 ST	
		88.100.04 ST 88.100.06 ST	
shed	4" x 4"	88.100.04 PS 88.100.06 PS	
Poli	5¾" x 5¾"	88.100.06 PS	
JZe	4" x 4"	88.100.04 BZ	
Bronze	5¾" x 5¾"	88.100.06 BZ	
сĸ	4" x 4"	88.100.04 BK	
Black	5¾" x 5¾"	88.100.06 BK	
p	4" x 4"	88.100.04 GD	
Gold	5¾" x 5¾"	88.100.06 GD	







# VEIL (Tile-in)

A tribute to the way water disguises everything around us in nature



#### **Center Drain**

Material: A grate made of 100% Marine Grade 316 Stainless Steel and a base made of ABS plastic. Finishes: Satin, Polished, Matte Black, & Satin Gold. Outlet: 2" Center Location.

#### **Accessories included:**



Hair Strainer



Installation Instruction Pages: 146-147 Specification Pages: 124-125

Clampdown flange drain is not included in kit. If needed see page 99



	Size	SKU
tin		88.300.04 ST
Satin	5¾" x 5¾"	88.300.06 ST
shed	4" x 4"	88.300.04 PS
Polis	5¾" x 5¾"	88.300.04 PS 88.300.06 PS
сk	4" x 4"	88.300.04 BK
Black	5¾" x 5¾"	88.300.06 BK
p	4" x 4"	88.300.04 GD
Gold	5¾" x 5¾"	88.300.06 GD





Made entirely of **Stainless Steel 304** for excellent corrosion resistance.

The Bay series offers a highly innovative 2-in-1 reversible grate system linear drain, Ria linear drain and Ria center drain.

Our export line Ria center drain is designed and created for the plumbing requirements of Latin America and the Caribbean.





Watch video





# **Bay** Series

### 2-in-1 Reversible Linear Drain





Installation Instruction Page: 144 Specification Page: 127

Clampdown flange drain is not included in kit. If needed see page 99



	Length	SKU	MSRP
Satin	24"	38.100.24 ST	\$ 195
Sa	36"	38.100.36 ST	\$ 250







# Bay Series RIA LINEAR DRAIN



#### **Standard Length**

Material: Stainless Steel 304. Base: Plain Edge pre-sloped low profile. Finishes: Satin, Polished, Satin Gold, & Matte Black.

#### Outlet: 2" Center Location.

**Note:** Optional Debris Basket (SKU: 83.STR.L.SS) can be purchased separately and used in place of the Anti-Odor

#### **Accesories Included:**



Anti Odor / Hair Strainer

Installation Instruction Page: 144 Specification Page: 128

Clampdown flange drain is not included in kit. If needed see page 99



	Length	SKU
tin	24"	38.200.24 ST
Sati	36"	38.200.36 ST
shed	24"	38.200.24 PS
Polished	36"	38.200.36 PS
Gold	24"	38.200.24 GD
5	36"	38.200.36 GD
<u>c</u> k	24"	38.200.24 BK
Black	36"	38.200.36 BK



Watch video





# **Bay** Series

### RIA



Center Drain Material: Stainless Steel 304. Finishes: Satin & Polished. Outlet: 2" Center Location. **Accesories Included:** 



Installation Instruction Page: 150 Specification Pages: 129-130



	Size	SKU
i.	Ø 4"	38.100.04R ST
Sati	4"x4"	38.100.04 ST
	5¾" x 5¾"	38.100.06 ST
_		
olished	4"x4"	38.100.04 PS
olis	5¾" x 5¾"	38.100.06 PS
đ		

# Installation Components



QM Side Outlet Drain Flange with Integrated Threaded Adaptor SKU 83.FLG.SO.2 \$18

- 3.31" throat, 2" outlet.
- Waterproofing: PVC/Vinyl liner, Lead/copper pan, Rubber liner, Fiberglass.



#### Adaptor for 2" Bonded Drain Flange SKU 83.ADAPT.2BF \$8 QM Drain Adaptor allows you to use QM drains instead of Schluter® Grate when using their integrated bounding flange (Residential 2" Drain Outlet) or Wedi® Drain Grate with shower systems.



#### Adaptor Reducer

SKU 83.ADPT.2R \$4 Allows easy connection between a QM threaded drain outlet to the waste pipe.

- 3.15" x 2" Overall Dimensions
- No Hub Outlet Connection
- Made in ABS plastic

#### What does QM stand for?

QM stands for Quality Metal. As in the highest quality Stainless Steel 316 Marine Grade used in our drains.

### Where in the floor should a linear shower drain be positioned?

Drain position is determined by the location of the existing plumbing and your design preference. The four most common placements/configurations are:

• Along the wall – Allows for the floor to sloped gently towards the wall where the drain is installed and increases the flow capacity as a small head of water can be created. Generally used only for linear drain installations.

• At the threshold – QM linear drains can be installed at the shower entrance to create a barrier-free or curbless shower.

• In the center – Based on your shower design or when existing plumbing cannot be moved.

• Multiple drains may be required for a higher capacity shower installation with multiple showerhead outlets and sprays. Drain units can be positioned against each wall or side by side along one wall. If the shower is a walk-through design, drains can be located at the entrance and exit.

### Should the square drain be placed in the middle of the shower floor?

Not really, it is normally placed there because of existing plumbing location, what it is really important is that the floor is pitched in four di ections towards the drain.

What is the water intake of the drains? The drainpipe is the defining factor in how much water can be eliminated. Most US residential plumbing installations use a 2" waste line, which provides a capacity of approximately 8 GPM and is sufficient to deal with most showerheads. If a higher flow rate is required multiple drains might be necessary. There are many variables that impact flow rate and drain performance, such as, showerhead flow, location, the size of the shower, the size of the drain, the location of the drain, the head of water, floor slope, etc. 70% of showerheads have a maximum capacity of less than 3 GPM. This value assumes no head of water above drain.

### What is the gauge specification for each QM Drain series?

Gauge refers to the thickness of the material being used to manufacture the product.

Please review drain's specifications for detail gauge information.

#### What is the process that QM Drains uses to create the colored finishes on top of the Stainless Steel?

The PVD process is used to create the Satin Gold and Bronze finishes.

A coating process called Nano Technology is used to create the Black finish.

Both PVD and Nano Technology make stainless steel stronger against rust while creating aesthetically pleasing and elegant colors.

#### Why QM Drain uses Stainless Steel?

Stainless Steel is the optimum material on the market because it is 100% solid all the way through and 100% recyclable. Most Stainless Steel produced today has a recycled content of approximately 60% material. This means in the production of stainless steel, some of the most advanced technology in the market is being used to maximize production by controlling waste, materials, fuel use and pollution.

### What is the difference between the Stainless Steel AISI 304 and AISI 316?

Stainless Steel 304 is exceptionally versatile and the most common stainless steel found in products for everyday use for the public. Its chemical composition, mechanical properties, welding ability and corrosion/oxidation resistance provides the best all-round performance at relatively lower cost. Stainless Steel 316 contains an added ingredient, 2 to 3% more molybdenum; this composition improves the corrosion resistance in many aggressive environments. The molybdenum addition ensures more resistance to pitting and crevice corrosion in saltwater and chloride-containing media. So the bottom line, when used in products that are exposed to water, it provides the longest life span possible.



#### Are QM Drains ADA compliant?

All QM Drains can be installed without a curb, barrier, or threshold to create a seamless look with easy accessibility to the wet area. To achieve an ideal installation, floor heights of the shower area (wet area) should be equal to the outside of the shower (dry area), and next room. Specific conditions will determine what is required.

### Do I need to purchase anything extra for the installation drains?

All QM Drains kits include everything needed except Flange or Drain Body. If not provided, it needs to be added for standard waterproofing installation. Drain flanges are available in PVC, ABS and Cast Iron.

### What type of waterproofing can I use with QM Drains?

Any Waterproofing technique can be used. All our drains with plain edge channel are recommended when traditional or standard waterproofing (PVC, Vinyl, Lead, Hot Mop, Copper or Fiberglass material) is intended to use. Drains with flange edge are recommended when modern waterproofing (liquid or fabric membrane) is intended to use.

#### What is the QM Drain warranty?

QM Drain offers limited lifetime warranty. Please refer to QM USA, Corp Terms and Conditions for the Limited Warranty, Disclaimer of Warranty, Returns Products and other Terms posted on QM's website located at: http://qmdrain.com/

#### Can I customize my drain size or finish?

Yes, please contact your local rep for a quote or contact us so we can direct you: info@qm-us.com

### What other materials besides Stainless Steel does QM use?

Acrylonitrile Butadiene Styrene (ABS) and Poly Vinyl Chloride (PVC). ABS is used to form the base of our Lagos Series center Drain and PVC is used to form the channel of our Lagos adjustable linea drains.

#### Can I use QM Drains outside?

Yes, QM Drains are perfect for outdoor showers. We use Stainless Steel 316 Marine Grade which provides the most corrosion-resistance, making it ideal for exterior conditions.

How long does it take to receive my QM Drain? All of our drains are in stock in our South Florida warehouse and ready to ship. Please see our website for the locations of the qualified dealers near you: http:// qmdrain.com/where-to-buy/dealers/

#### What's the best way to clean my QM Drain?

QM drains are made of 316 or 304 stainless steel depending on the Series. Stainless Steel is nonporous, hygienic, rust-free, and extremely durable. Keeping your home's drains clean is an essential part of

home maintenance duties. When using your shower, all kinds of dirt like soap, shampoo, conditioner residues and hairs can quickly build up. Following the manufacture's specific

maintenance requirement is key to avoiding such buildup and in keeping your shower drain in the best possible shape.

A clean drain ensures that water will drain quickly and effectively and minimizes any risks of puddle or flood. If you routinely clean your drain at least once a week, the process of maintaining for optimum performance will be easier. A well-maintained QM Drain product will last a lifetime in your shower.

#### Warning

Do not use sharp objects, scrubbing tools or abrasive cleaners or pads. They can remove and discolor the finish coating and cause damage to the finish.

#### What to use to clean?

Mix <sup>1</sup>/<sub>4</sub> cup of white vinegar and <sup>3</sup>/<sub>4</sub> cup of water or mix a little dish soap and water and use a soft cloth or sponge. Rinse well. Repeat weekly.

#### Follow these steps:

1.Remove the grate cover using the lifting key included for easy removal. NOTE: Be cautious not to scratch the surface when using the lifting key to remove grate.

- 2. Clean the grate on both sides.
- 3. Remove hair strainer and clean it.

4. Clean the channel. Use a soft brush if there is a lot of residue.

5. Rinse well

**Can the drain get scratched?** Yes, it can, if you rub hard or use sharp objects against the drain.

#### Remember

• Stainless Steel does not rust. Only external factors can cause the surface to rust. This rust can be removed using Barkeepers Friends and Soft Scrub. Be careful with tile or stone sealers used in your shower floor. Make sure those chemicals don't sit in your drain. Always rinse well.

• QM Drain products are warrantied to be free of defects in finishes and workmanship. All products must be cleaned in accordance with the manufacturer's recommended procedures and guidelines.

• Don't scratch and never use cleaners containing abrasive cleansers, ammonia, bleach, acids, waxes, alcohol, solvents, or other products not recommended under our cleaning instructions. This will void the warranty.

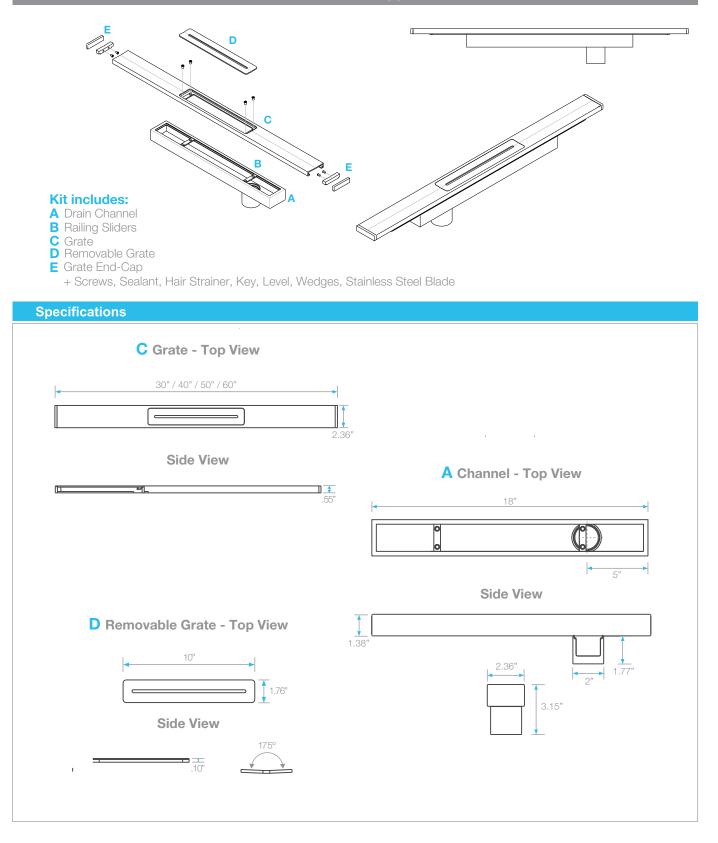
#MoreThanDesign



102 QM **Technical** Information



#### DELMAR LINEAR DRAIN SUPREME LINE

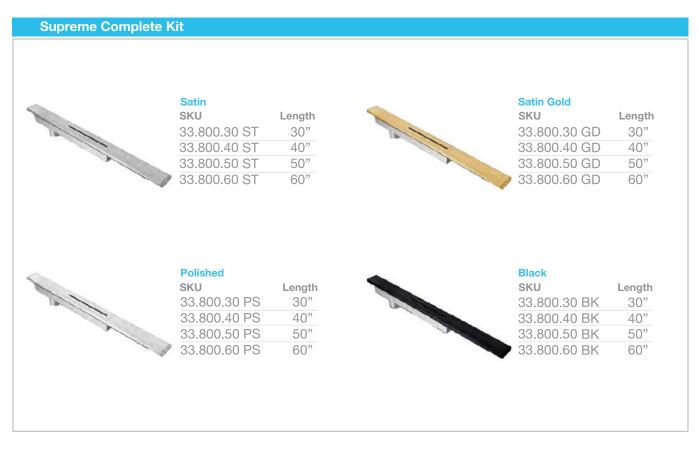




QM USA, Corp. 4100 N Powerline Road, Suite Z3 Pompano Beach. FL, USA 3307 P: 954 773 9450 • info@qm-us.com www.gmdrain.com

#### **Features**

- 13 gauge 316 Stainless Steel Grate = 2.5 mm.
- 18 gauge 316 Stainless Steel Base = 1.2 mm.
- Works with 2" ABS, PVC or Cast Iron shower drain flange (not included).
- Hair Strainer Basket comes with every drain, fits inside the drain to collect hair and other debris, preventing clogged pipes. Optional.
- Supreme is intended for use with traditional waterproofing methods.



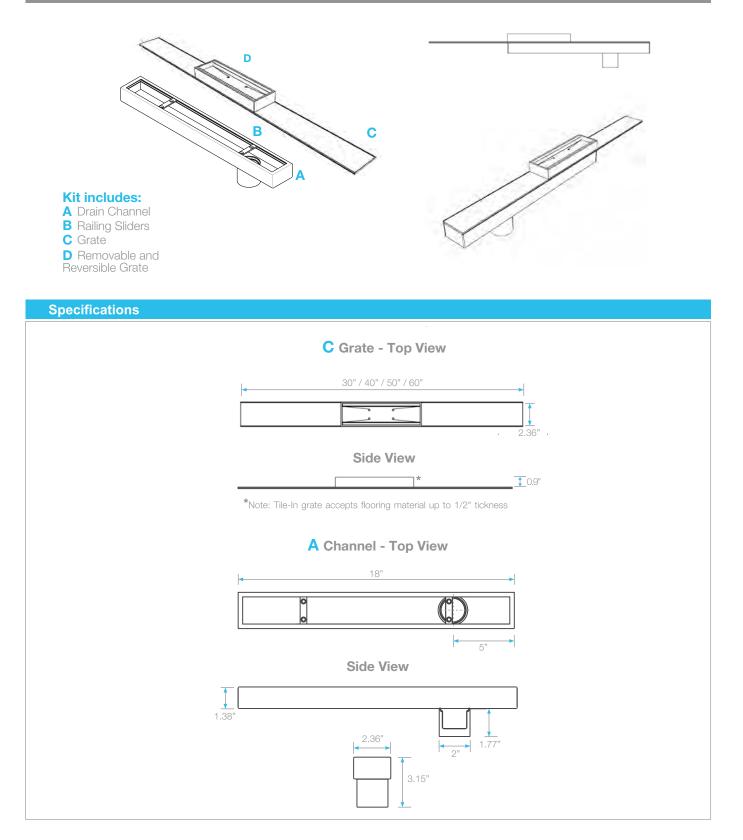
**Note:** Installer must verify all rough-in dimensions prior to installation and consult local and national codes. Conformity and compliance to local and national codes are the responsibility of the installer. Dimensions are subject to Manufacturers tolerance and change without notice. We can assume no responsibility for use of

superseded or void data.



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#### DELMAR LINEAR DRAIN SUPREME TILE IN<sup>+</sup> LINE

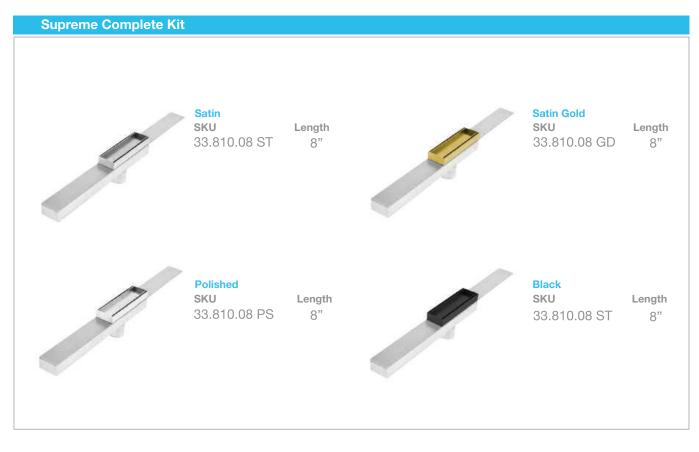




QM USA, Corp. 4100 N Powerline Road, Suite Z3 Pompano Beach. FL, USA 33079 P: 954 773 9450 • info@qm-us.com www.qmdrain.com

#### **Features**

- 13 gauge 316 Stainless Steel Grate = 2.5 mm.
- 18 gauge 316 Stainless Steel Base = 1.2 mm.
- Works with 2" ABS, PVC or Cast Iron shower drain flange (not included).
- Hair Strainer Basket comes with every drain, fits inside the drain to collect hair and other debris, preventing clogged pipes. Optional.
- Supreme is intended for use with traditional waterproofing methods.

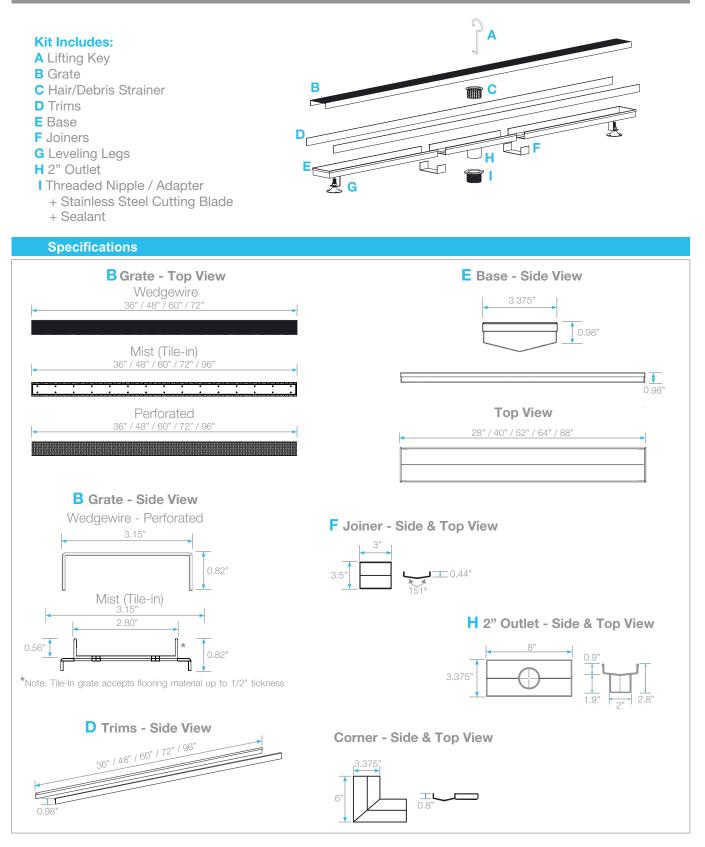


**Note:** Installer must verify all rough-in dimensions prior to installation and consult local and national codes. Conformity and compliance to local and national codes are the responsibility of the installer. Dimensions are subject to Manufacturers tolerance and change without notice. We can assume no responsibility for use of superseded or void data.



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#### **DELMAR LINEAR DRAIN ADJUSTABLE 2" OUTLET**







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#### **Features**

- Stainless Steel 316 Gauges: Wedgewire grate: 8 gauges = 5mm for edge bars and 9 gauges= 4mm for inside bars. Perforated & Mist grate: 16 gauge = 1.5 mm.
- Base: 18 gauge = 1.2 mm.
- Works with 2" ABS, PVC or Cast Iron shower drain flange (not included).
- Grate can be removed completely for cleaning.
- Hair Strainer Basket comes with every drain, fits inside the drain to collect hair and other debris, preventing pipe clogs.
- Adjustable is intended for use with traditional waterproofing methods.

#### **Adjustable Complete Kit**

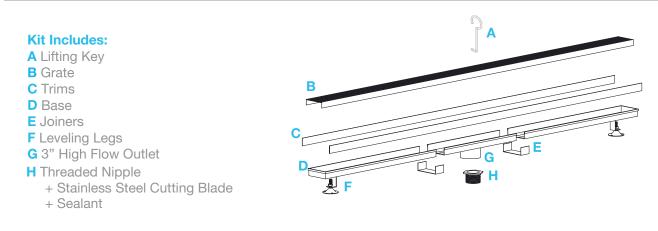
	Length	Satin SKU	Polished SKU	Black SKU
Wedgewire	36"	33.610.36 ST	33.610.36 PS	33.610.36 BK
	48"	33.610.48 ST	33.610.48 PS	33.610.48 BK
	60"	33.610.60 ST	33.610.60 PS	33.610.60 BK
	72"	33.610.72 ST	33.610.72 PS	33.610.72 BK
~	96"	33.610.96 ST	33.610.96 PS	33.610.96 BK
Perforated	36"	33.620.36 ST	33.620.36 PS	
	48"	33.620.48 ST	33.620.48 PS	
	60"	33.620.60 ST	33.620.60 PS	
	72"	33.620.72 ST	33.620.72 PS	
*	96"	33.620.96 ST	33.620.96 PS	
Mist (Tile-in)	36"	33.630.36 ST	33.630.36 PS	
	48"	33.630.48 ST	33.630.48 PS	
	60"	33.630.60 ST	33.630.60 PS	
	72"	33.630.72 ST	33.630.72 PS	
	96"	33.630.96 ST	33.630.96 PS	

**Note:** 72" and \*96" Kit includes two outlets, two hair strainers, two pair of joiners and two adapters. 72" Wedgewire Black Kit has two 36". 96" Wedgewire Kit has two 48" grates. Choose the kit with equal or greater size than the length wanted; for longer lengths drain connect kits to build the desired length.

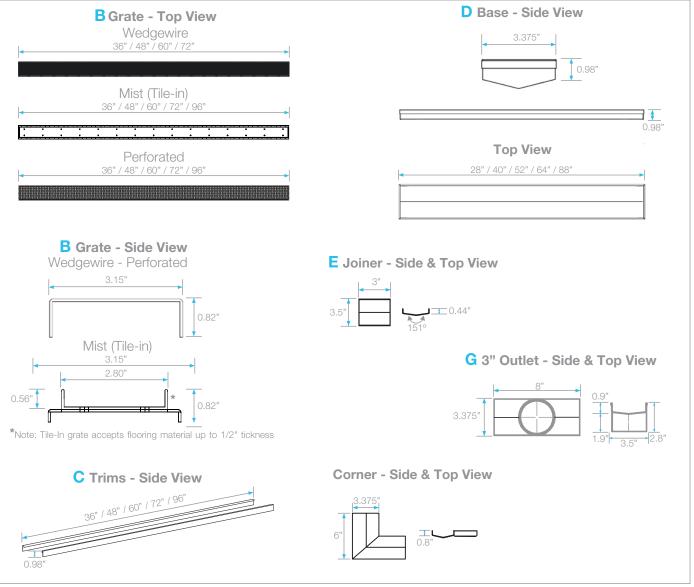
Installer must verify all rough-in dimensions prior to installation and consult local and national codes. Conformity and compliance to local and national codes are the responsibility of the installer. Dimensions are subject to Manufacturers tolerance and change without notice. We can assume no responsibility for use of superseded or voided data.



# **DELMAR LINEAR DRAIN ADJUSTABLE 3" HIGH FLOW OUTLET**



# **Specifications**







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- Grate can be removed completely for cleaning.

- Adjustable is intended for use with traditional

waterproofing methods.

# **Features**

- Stainless Steel 316 Gauges: Wedgewire grate: 8 gauges = 5mm for edge bars and 9 gauges= 4mm for inside bars. Perforated & Mist grate: 16 gauge = 1.5 mm.
- Base: 18 gauge = 1.2 mm.

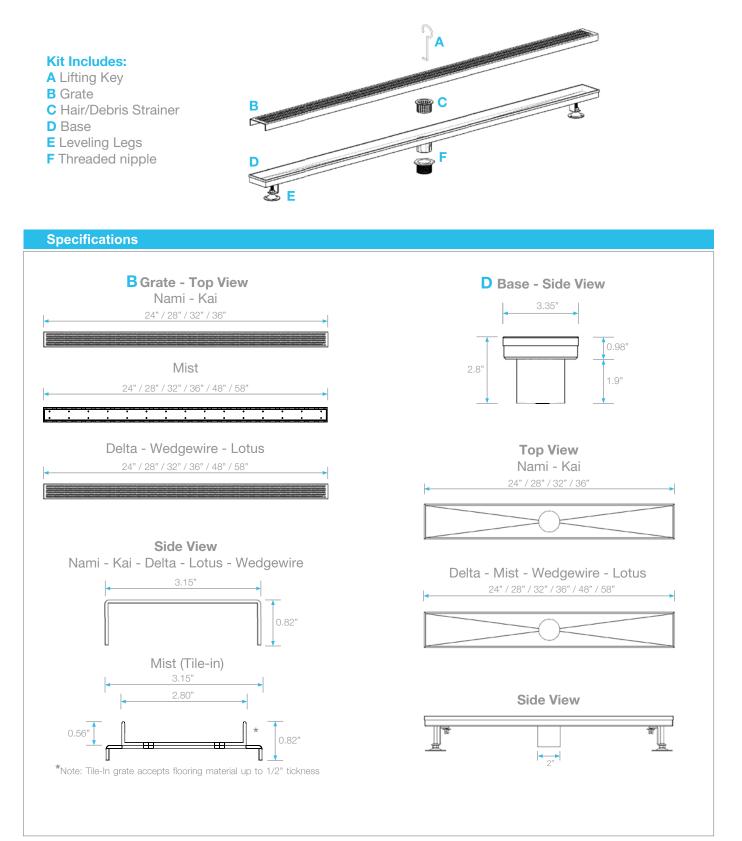
#### **Adjustable Complete Kit**

	Length	Satin SKU	Polished SKU	Black SKU
Wedgewire	36"	33.610.36HF ST	33.610.36HF PS	33.610.36HF BI
	48"	33.610.48HF ST	33.610.48HF PS	33.610.48HF BI
	60"	33.610.60HF ST	33.610.60HF PS	33.610.60HF BI
	72"	33.610.72HF ST	33.610.72HF PS	33.610.72HF BI
	96"	33.610.96HF ST	33.610.96HF PS	33.610.96HF BI
Perforated	36"	33.620.36HF ST	33.620.36HF PS	
	48"	33.620.48HF ST	33.620.48HF PS	
	60"	33.620.60HF ST	33.620.60HF PS	
	72"	33.620.72HF ST		
-	96"	33.620.96HF ST	33.620.96HF PS	
Mist (Tile-in)	36"	33.630.36HF ST	33.630.36HF PS	
	48"	33.630.48HF ST	33.630.48HF PS	
	60"	33.630.60HF ST		
	72"	33.630.72HF ST		
	96"	33.630.96HF ST	33.630.96HF PS	
-				

**Note:** 72" and \*96" Kit includes two outlets, two hair strainers, two pair of joiners and two adapters. 72" Wedgewire Black Kit has two 36". 96" Wedgewire Kit has two 48" grates. Choose the kit with equal or greater size than the length wanted; for longer lengths drain connect kits to build the desired length.



# DELMAR LINEAR DRAIN STANDARD LENGTH







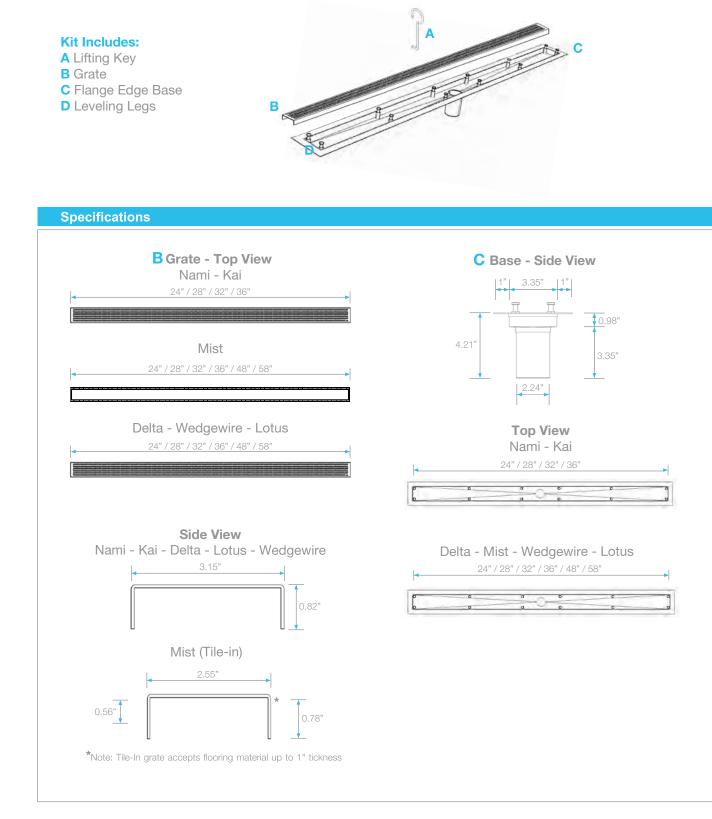
#### **Features**

- Stainless Steel 316 Gauges: Wedgewire grate: 8 gauges = 5mm for edge bars and 9 gauges= 4mm for inside bars. All other grates: 16 gauge = 1.5 mm.
- Base: 18 gauge = 1.2 mm
- Works with 2" ABS, PVC or Cast Iron shower drain flange (not included).
- Standard length plain edge is intended for use with traditional waterproofing methods.
- Grate can be removed completely for cleaning.
- Hair Strainer Basket comes with every drain, fits inside the drain to collect hair and other debris, preventing clogged pipes.

Complete Kit				
Lotus 24" 28" 32" 36" 48" 58"	Bronze SKU 33.400.24 BZ 33.400.28 BZ 33.400.32 BZ 33.400.36 BZ 33.400.48 BZ 33.400.58 BZ	Black SKU 33.400.24 BK 33.400.28 Bk 33.400.32 BK 33.400.36 BK 33.400.48 BK 33.400.58 BK	33.400.28 GE 33.400.32 GE 33.400.36 GE 33.400.48 GE	
Length 24" 28" 32" 36" 48" 58" Delta Length SKU 24" 33.300.24 ST	33.700.28 ST 33.700.32 ST		Black skU 33.700.24 BK 33.700.28 BK 33.700.32 BK 33.700.36 BK 33.700.48 BK 33.700.58 BK	Satin Length SKU
28"       33.300.28 ST         32"       33.300.32 ST         36"       33.300.36 ST         48"       33.300.48 ST         58"       33.300.58 ST         Satin         Length SKU         Mist (Tile-in)         24"         33.500.1	33.300.28 PS 33.300.32 PS 33.300.36 PS 33.300.48 PS 33.300.58 PS Black sku 24 ST 33.500.2 28 ST 33.500.2	28 BK		24" 33.100.24 ST 28" 33.100.28 ST 32" 33.100.32 ST 36" 33.100.36 ST <b>Satin</b> <b>Length SKU</b> 24" 33.200.24 ST 28" 33.200.28 ST 32" 33.200.32 ST
<b>36</b> <sup>°</sup> 33.500. <b>48</b> <sup>°</sup> 33.500.		36 BK 48 BK		36" 33.200.36 ST



# DELMAR LINEAR DRAIN STANDARD LENGTH WITH FLANGE EDGE





# **Features**

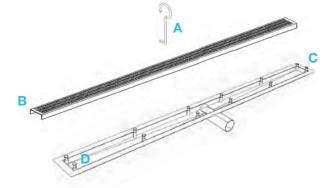
- Stainless Steel 316 Gauges: Wedgewire grate: 8 gauges = 5mm for edge bars and 9 gauges= 4mm for inside bars. All other grates: 16 gauge = 1.5 mm. Base: 18 gauge = 1.2 mm
- Grate can be removed completely for cleaning.
  Flange Edge Base is intended for use with modern waterproofing method

Complete Kit				
Wedgewire	Length 24" 28" 32" 36" 48" 58"	Satin SKU 33.700.24F ST 33.700.28F ST 33.700.32F ST 33.700.36F ST 33.700.48F ST 33.700.58F ST	Polished SKU 33.700.24F PS 33.700.28F PS 33.700.32F PS 33.700.36F PS 33.700.48F PS 33.700.58F PS	
Kai	28" 33.20 32" 33.20	M 00.02 F 00.03 F 00.04 F 00.05 F	list (Tile-in)	Satin           Length         SKU           24"         33.500.24F ST           28"         33.500.28F ST           32"         33.500.32F ST           36"         33.500.36F ST           48"         33.500.48F ST           58"         33.500.58F ST
28" 33.3 32" 33.3 36" 33.3 48" 33.3		33.300.28F PS 33.300.32F PS 33.300.36F PS 33.300.48F PS		Satin SKU           24"         33.100.24F ST           28"         33.100.28F ST           32"         33.100.32F ST           36"         33.100.36F ST
Lotus	Length 24" 28" 32" 36" 48" 58"	Bronze SKU 33.400.24F BZ 33.400.28F BZ 33.400.32F BZ 33.400.36F BZ 33.400.48F BZ 33.400.58F BZ	Black sKU 33.400.24F BK 33.400.28F BK 33.400.32F BK 33.400.36F BK 33.400.48F BK 33.400.58F BK	Gold SKU 33.700.24F GD 33.700.28F GD 33.700.32F GD 33.700.36F GD 33.700.48F GD 33.700.58F GD

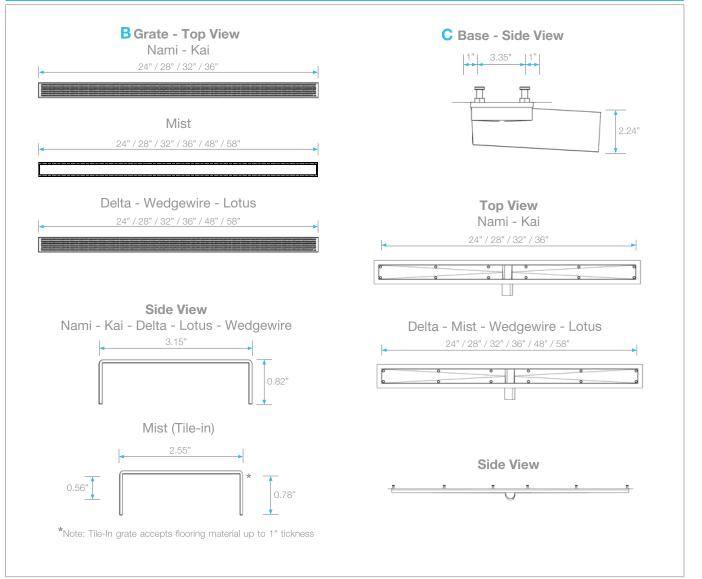


# DELMAR LINEAR DRAIN STANDARD LENGTH WITH SIDE OUTLET FLANGE EDGE

Kit Includes: A Lifting Key B Grate C Flange Edge Base D Leveling Legs



# **Specifications**

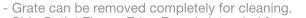




#### **Features**

Stainless Steel 316 Gauges: Wedgewire grate: 8 gauges = 5mm for edge bars and 9 gauges= 4mm for inside bars. All other grates: 16 gauge = 1.5 mm. Base: 18 gauge = 1.2 mm

# **Complete Kit**



- Side Outlet Flange Edge Base is intended for use with modern waterproofing method

gewire	28" 33.700.28FSO ST 32" 33.700.32FSO ST 36" 33.700.36FSO ST 48" 33.700.48FSO ST	33.700.28FSO PS 33.700.32FSO PS 33.700.36FSO PS 33.700.48FSO PS	33.700.28F BK 33.700.32F BK 33.700.36F BK 33.700.48F BK
28"	33.200.02FSO ST 33.200.03FSO ST 33.200.04FSO ST	24 28 32 36 48	<ul> <li>33.500.28FSO ST</li> <li>33.500.32FSO ST</li> <li>33.500.36FSO ST</li> <li>33.500.48FSO ST</li> </ul>
33.300.2 2"33.300.3 5"33.300.3 3"33.300.4	8FSO ST33.300.28FSO2FSO ST33.300.32FSO6FSO ST33.300.36FSO8FSO ST33.300.48FSO	PS PS PS	Satin SKU           24"         33.100.24FSO ST           28"         33.100.28FSO ST           32"         33.100.32FSO ST           36"         33.100.36FSO ST
Lotus	Length         SKU           24"         33.400.28FSO         B2           28"         33.400.28FSO         B2           32"         33.400.32FSO         B2           36"         33.400.36FSO         B2           48"         33.400.48FSO         B2	2 33.400.28FSO BK 2 33.400.32FSO BK 2 33.400.36FSO BK 2 33.400.48FSO BK	<pre>( 33.400.28F GD ( 33.400.32F GD ( 33.400.36F GD ( 33.400.48F GD</pre>
	ai 24" 28" 32" 36" Satin sku 4" 33.300.24 3" 33.300.31 3" 33.300.31 3" 33.300.31 3" 33.300.44 3" 33.300.44 3" 33.300.54 Lotus	gewire       Length       SKU         24"       33.700.24FSO ST         28"       33.700.32FSO ST         32"       33.700.32FSO ST         36"       33.700.36FSO ST         48"       33.700.48FSO ST         48"       33.700.58FSO ST         48"       33.700.58FSO ST         48"       33.700.58FSO ST         58"       33.700.58FSO ST         24"       33.200.02FSO ST         32"       33.200.04FSO ST         32"       33.200.04FSO ST         36"       33.700.58FSO ST         36"       33.700.58FSO ST         36"       33.700.05FSO ST         36"       33.300.24FSO ST         33.300.24FSO ST       33.300.24FSO         33.300.28FSO ST       33.300.36FSO         33.300.32FSO ST       33.300.36FSO         33.300.48FSO ST       33.300.48FSO         33.300.48FSO ST       33.300.48FSO         33.300.58FSO ST       33.300.58FSO         33.300.58FSO ST       33.300.58FSO         33.300.58FSO ST       33.300.58FSO         33.300.48FSO ST       33.400.28FSO BZ         32"       33.400.32FSO BZ         36"       33.400.36FSO BZ      <	Length         SKU         SKU           gewire         24"         33.700.24FSO ST         33.700.24FSO PS         28"         33.700.28FSO ST         33.700.28FSO PS           28"         33.700.32FSO ST         33.700.32FSO PS         33.700.32FSO PS         33.700.32FSO PS         33.700.32FSO PS           36"         33.700.36FSO ST         33.700.36FSO ST         33.700.36FSO PS         58"         33.700.48FSO PS         PS           4"         33.200.02FSO ST         33.700.58FSO ST         33.700.58FSO ST         32"         33.200.04FSO ST         32"           24"         33.200.04FSO ST         33.700.58FSO ST         32"         33.700.58FSO ST         32"           33.200.04FSO ST         33.700.05FSO ST         33.700.58FSO PS         32"         32         32"           33.300.28FSO ST         33.300.28FSO ST         33.300.28FSO PS         33"         33         33           4"         33.300.28FSO ST         33.300.28FSO PS         Satin         Satin         Satin           33.300.28FSO ST         33.300.28FSO ST         33.300.28FSO PS         Satin         Satin           33.300.32FSO ST         33.300.32FSO ST         33.300.32FSO PS         Satin         Satin           33.300.58FSO ST         33.300.32FSO ST



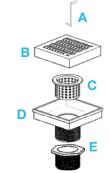


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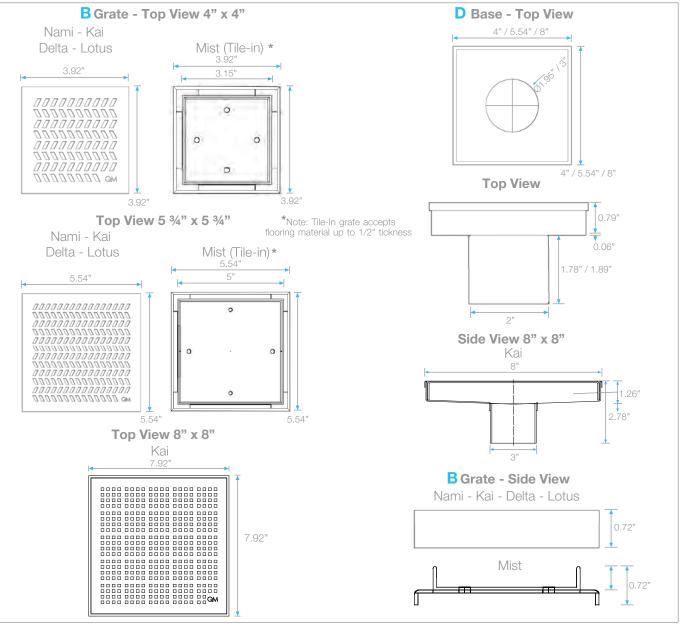
# **DELMAR SQUARE DRAIN**

# Kit Includes: A Lifting Key

- B Grate
- C Hair/Debris Strainer
- D Base
- E Threaded Nipple



# Specifications

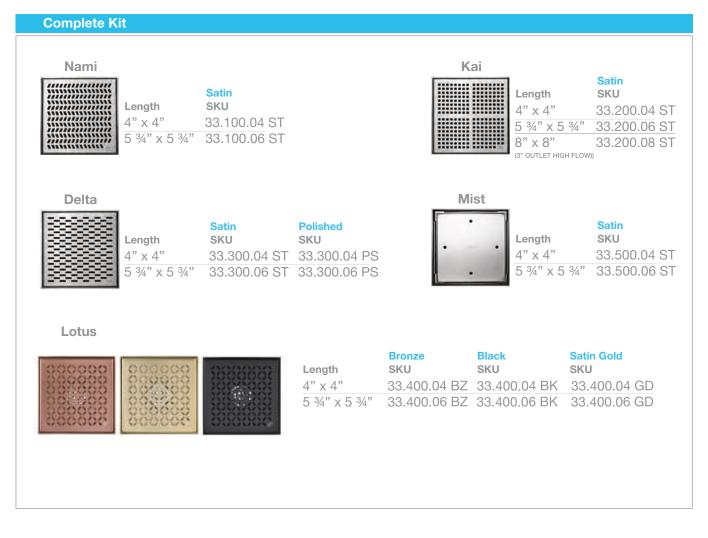




B C USA - ASME A 112.18.2-2011/ CAN - CSA B 125.2-11. Certificate #2689051 QM USA, Corp. 4100 N Powerline Road, Suite Z3 Pompano Beach. FL, USA 33079 P: 954 773 9450 • info@qm-us.com www.qmdrain.com

# **Features**

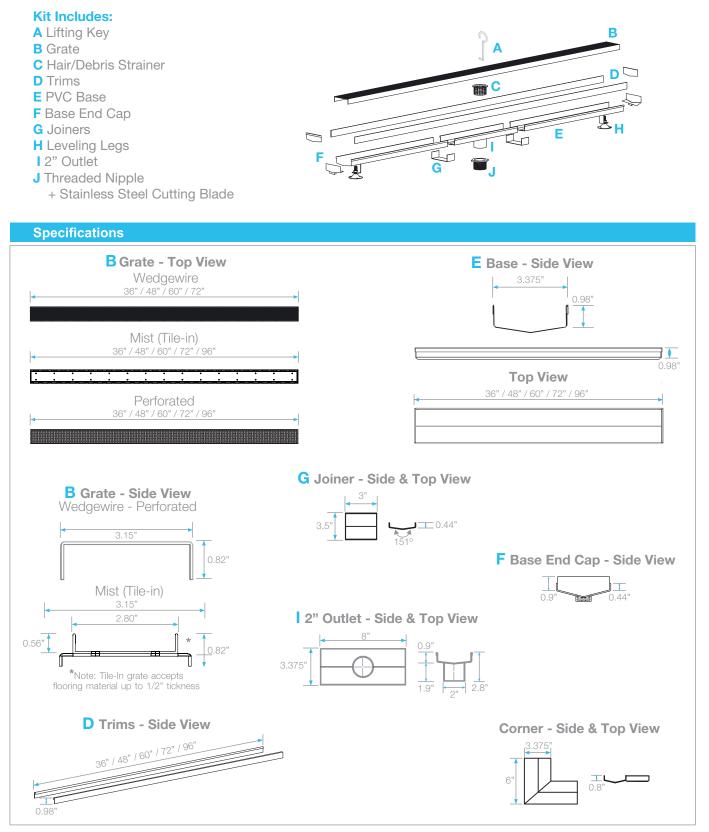
- 16 gauge 316 Stainless Steel Grate = 1.5 mm.
- 18 gauge 316 Stainless Steel Base = 1.2 mm.
- Works with 2" ABS, PVC or Cast Iron shower drain flange (not included).
- Center Drains is intended for use with traditional waterproofing methods.
- Hair Strainer Basket comes with every drain, fits inside the drain to collect hair and other debris, preventing pipe clogs.
- Grate can be removed completely for cleaning.



**Note:** If modern waterproofing method is intended using a bonded flange, add a bonded flange adaptor. See page 132 Installer must verify all rough-in dimensions prior to installation and consult local and national codes. Conformity and compliance to local and national codes are the responsibility of the installer. Dimensions are subject to Manufacturers tolerance and change without notice. We can assume no responsibility for use of superseded or voided data.



# LAGOS LINEAR DRAIN ADJUSTABLE 2" OUTLET





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# **Features**

- Stainless Steel 316 Gauges: Wedgewire grate: 8 gauges = 5mm for edge bars and 9 gauges= 4mm for inside bars. Perforated & Mist grate: 16 gauge = 1.5 mm.
- PVC Base = 3 mm.
- Works with 2" ABS, PVC or Cast Iron shower drain flange (not included).
- Grate can be removed completely for cleaning.
- Hair Strainer Basket comes with every drain, fits inside the drain to collect hair and other debris, preventing pipe clogs.
- Adjustable is intended for use with traditional waterproofing methods.

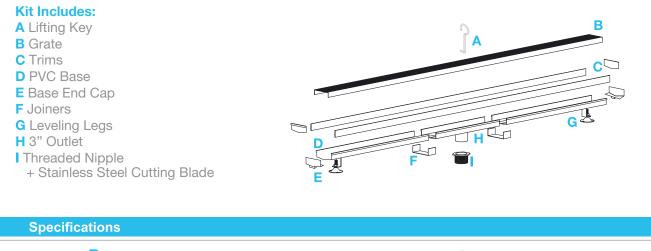
# **Adjustable Complete Kit**

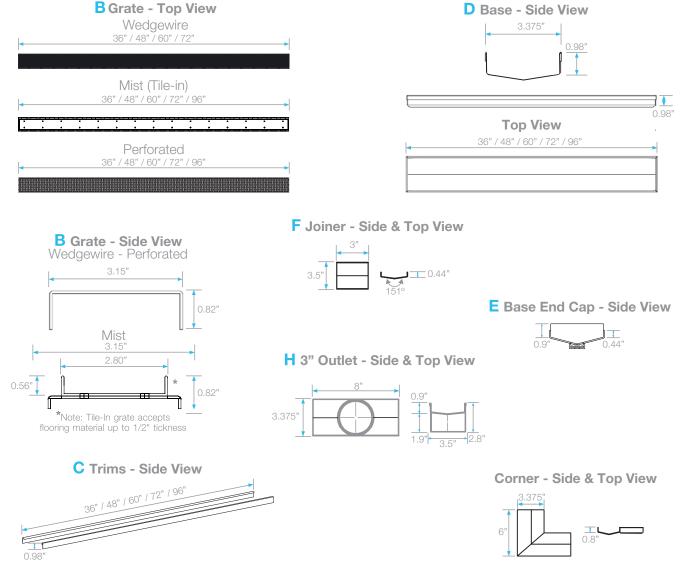
	Length	Satin SKU	Polished SKU	Black SKU
Wedgewire	36"	88.610.36 ST	88.610.36 PS	88.610.36 BK
2	48"	88.610.48 ST	88.610.48 PS	88.610.48 BK
	60"	88.610.60 ST	88.610.60 PS	88.610.60 BK
	72"	88.610.72 ST	88.610.72 PS	88.610.72 BK
45	96"	88.610.96 ST	88.610.96 PS	88.610.96 BK
Perforated	36"	88.620.36 ST	88.620.36 PS	
	48"	88.620.48 ST	88.620.48 PS	
	60"	88.620.60 ST	88.620.60 PS	
	72"	88.620.72 ST	88.620.72 PS	
	96"	88.620.96 ST	88.620.96 PS	
Mist (Tile-in)	36"	88.630.36 ST	88.630.36 PS	
-	48"	88.630.48 ST	88.630.48 PS	
	60"	88.630.60 ST	88.630.60 PS	
	72"	88.630.72 ST	88.630.72 PS	
13	96"	88.630.96 ST	88.630.96 PS	

**Note:** 72" and \*96" Kit includes two outlets, two hair strainers, two pair of joiners and two adapters. 96" Wedgewire Kit has two 48" grates. Choose the kit with equal or greater size than the length wanted; for longer lengths drain connect kits to build the desire length. Installer must verify all rough-in dimensions prior to installation and consult local and national codes. Conformity and compliance to local and national codes are the responsibility of the installer. Dimensions are subject to Manufacturers tolerance and change without notice. We can assume no responsibility for use of superseded or voided data.



# LAGOS LINEAR DRAIN ADJUSTABLE 3" OUTLET (HIGH FLOW)







# **Features**

- Stainless Steel 316 Gauges: Wedgewire grate: 8 gauges = 5mm for edge bars and 9 gauges= 4mm for inside bars. Perforated & Mist grate: 16 gauge = 1.5 mm.PVC Base = 3 mm.
- Works with 3"/4" drain flange or general purpose drain (not included).
- Grate can be removed completely for cleaning.
- Adjustable is intended for use with traditional waterproofing methods.

Adjustable Complete Kit				
		Satin	Polished	Black
	Length	SKU	SKU	SKU
Wedgewire	36"	88.610.36HF ST	88.610.36HF PS	88.610.36HF BK
	48"	88.610.48HF ST	88.610.48HF PS	88.610.48HF BK
	60"	88.610.60HF ST	88.610.60HF PS	88.610.60HF BK
	72"	88.610.72HF ST	88.610.72HF PS	
49	96"	88.610.96HF ST	88.610.96HF PS	88.610.96HF BK
Perforated	36"	88.620.36HF ST	88.620.36HF PS	
Fenorated	48"	88.620.48HF ST	88.620.48HF PS	
	40 60"	88.620.60HF ST	88.620.60HF PS	
TO MARKED STATE	72"	88.620.72HF ST	88.620.72HF PS	
Va.	96"	88.620.96HF ST	88.620.96HF PS	
	30	00.020.30111 31	00.020.30111 F 3	
Mist (Tile-in)	36"	88.630.36HF ST	88.630.36HF PS	
1	48"	88.630.48HF ST	88.630.48HF PS	
	60"	88.630.60HF ST	88.630.60HF PS	
	72"	88.630.72HF ST	88.630.72HF PS	
15	96"	88.630.96HF ST	88.630.96HF PS	

**Note:** 72" and \*96" Kit includes two outlets, two hair strainers, two pair of joiners and two adapters. 72" Wedgewire Black Kit has two 36". 96" Wedgewire Kit has two 48" grates. Choose the kit with equal or greater size than the length wanted; for longer lengths drain connect kits to build the desired length.

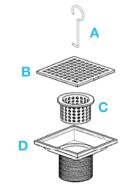


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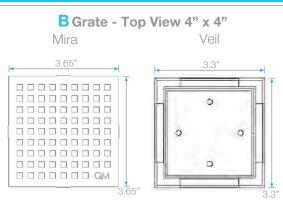
# LAGOS SQUARE DRAIN

# Kit Includes:

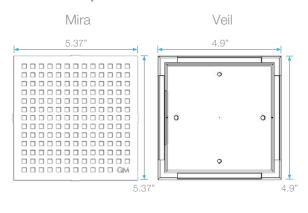
- A Lifting Key
- B Grate
- C Hair/Debris Strainer
- D Base

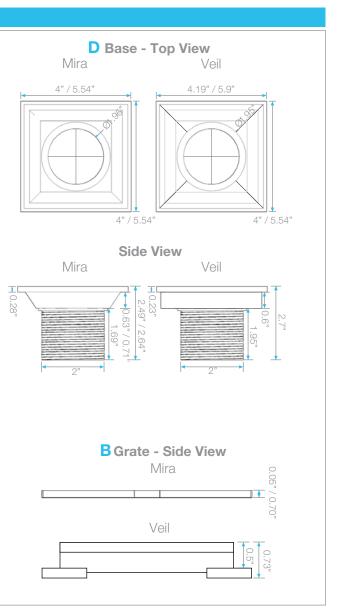


# **Specifications**



# Top View 5 <sup>3</sup>/<sub>4</sub>" x 5 <sup>3</sup>/<sub>4</sub>"







B C C US USA - ASME A 112.18.2-2011/ CAN - CSA B 125.2-11. Certificate #2689051

# **Features**

- 15 gauge 316 Stainless Steel Grate = 1.8 mm
- Base made in ABS plastic.
- Works with 2" ABS, PVC or Cast Iron shower drain flange (not included).
- Center Drain is intended for use with traditional waterproofing methods.
- Hair Strainer Basket comes with every drain, fits inside the drain to collect hair and other debris, preventing pipe clogs.
- Grate can be removed completely for cleaning.

Complete Kit				
Mira		<b>Satin</b> <b>SKU</b> 88.100.04 ST 88.100.06 ST		
Veil	Length 4" x 4" 5 ¾" x 5 ¾"	<b>sкu</b> 88.300.04 ST		

**Note:** If modern waterproofing method is intended using a bonded flange, add a bonded flange adaptor. See page 132 Installer must verify all rough-in dimensions prior to installation and consult local and national codes. Conformity and compliance to local and national codes are the responsibility of the installer. Dimensions are subject to Manufacturers tolerance and change without notice. We can assume no responsibility for use of superseded or void data.

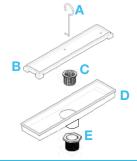


# USA - ASME A 112.18.2-2011/ CAN - CSA B 125.2-11. Certificate #2689051

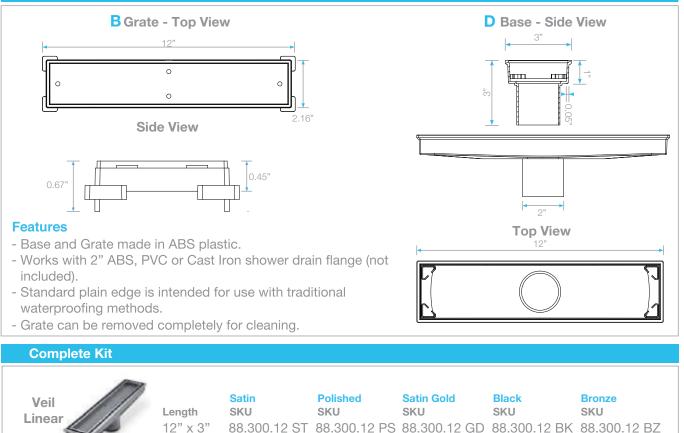
LAGOS VEIL LINEAR DRAIN

# **Kit Includes:**

- A Lifting Key
- **B** Grate
- C Hair/Debris Strainer
- D Base
- E Threaded Nipple



# **Specifications**



**Note:** If modern waterproofing method is intended using a bonded flange, add a bonded flange adaptor. See page XX Installer must verify all rough-in dimensions prior to installation and consult local and national codes. Conformity and compliance to local and national codes are the responsibility of the installer. Dimensions are subject to Manufacturers tolerance and change without notice. We can assume no responsibility for use of superseded or voided data.



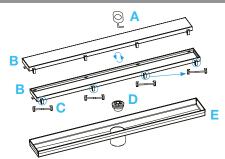


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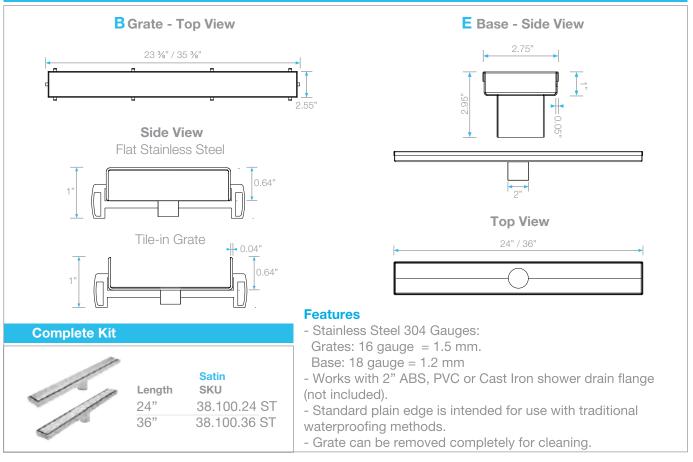
#### **BAY LINEAR DRAIN 2 IN 1**



- A Lifting Key
- B Flat Stainless Steel or Tile-In Grate
- C Plastic Legs
- D Odor/Bugs Seal
- E Base



# **Specifications**



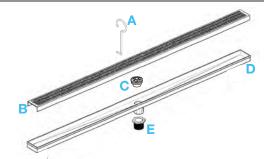


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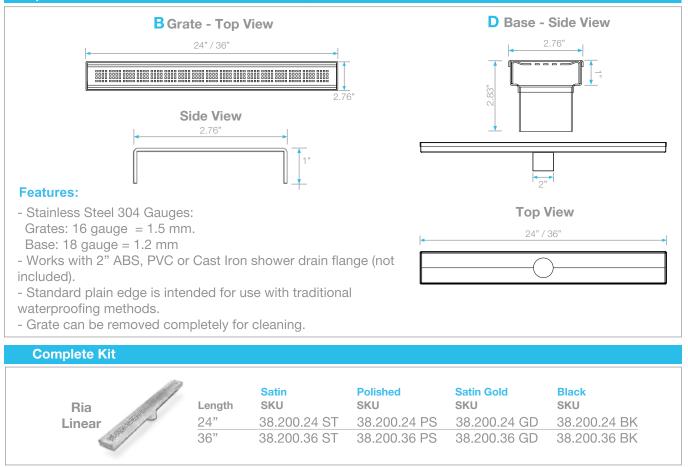
# **BAY RIA LINEAR DRAIN**



- B Grate
- C Odor/Bugs Seal
- D Base
- E Threaded Nipple



#### **Specifications**

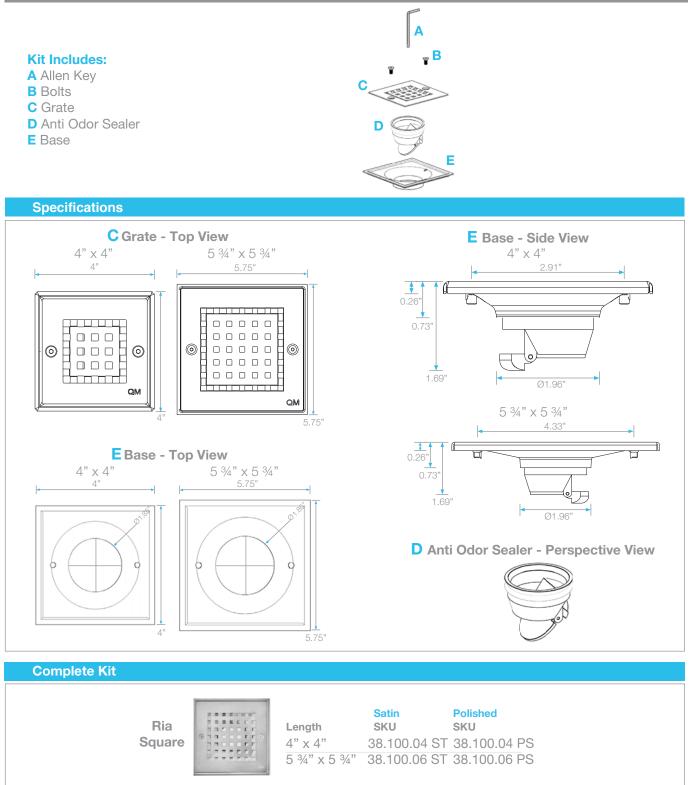






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#### **BAY SQUARE DRAIN**



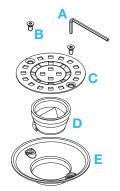


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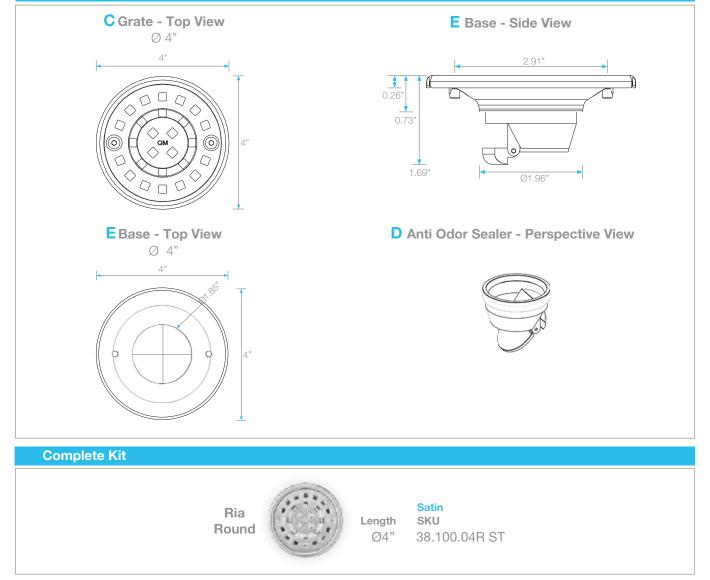
# **BAY ROUND DRAIN**



A Allen Key B Bolts C Grate D Anti Odor Sealer E Base



#### Specifications

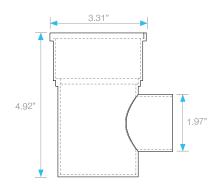


**Note:** Installer must verify all rough-in dimensions prior to installation and consult local and national codes. Conformity and compliance to local and national codes are the responsibility of the installer. Dimensions are subject to Manufacturers tolerance and change without notice. We can assume no responsibility for use of superseded or voided data.



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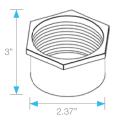
# **INSTALLATION COMPONENTS**



# **QM Side Outlet Drain Flange** with Integrated Threaded Adaptor

SKU: 83.FLG.SO.2

- 3.31" throat, 2" outlet.
  Waterproofing: PVC/Vinyl liner, Lead/copper pan, Rubber liner, Fiberglass.



# **Adaptor Bonded Flange**

SKU: 83.ADAPT.2BF

- To be used with Schluter® integrated bounding flange.
- Follow Schluter®-Shower System Installation Instructions.
- Height adjustable.



# **Adaptor Reducer**

SKU: 83.ADPT.2R

- Allows easy connection between a QM threaded drain outlet to the waste pipe.
- 3.15" x 2" Overall Dimensions
- No Hub Outlet Connection
- Made in ABS plastic



#QMDrain

# Installation Instructions

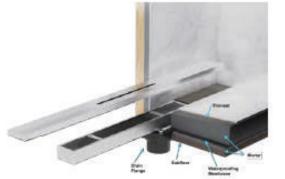
Installation Instructions \QM 133

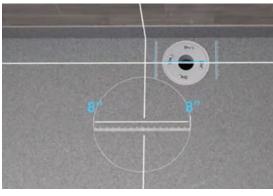


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# Delmar Series Linear Drain. Supreme

Before beginning installation make sure the distance between the center of the shower and the outlet is within 8" of each other







Watch Installation Video



Step 1. Have your shower area ready, waterproofing installed and tested.



Step 2. Mark the center of your shower and screw threaded nipple into the drain flange, adjust to desired height.



Step 3. Insert the drain channel into the threaded nipple. Step 4. Trowel mortar to required height.



Note: the longest side of the channel should always go towards the center of the shower.

Tip: measure the floor thickness and leave just the space for thin set and floor tile, taking into consideration the grate height. Your floor should end flush with the grate.



**Step 5.** Once mortar has cured, move the railing sliders into position, each at 4.5" from the center of the shower.



**Step 6.** Attach the grate to the channel. With the sliders positioned correctly, place the grate over the base and make sure the grate looks centered in the shower, adjust accordingly.



If grate needs to be cut to specific length, remove the grate end-caps, and cut using a Handheld Hacksaw with 32 TPI for cleanest cut. Only Satin finish drain includes a stainless steel blade in kit. Handheld Hacksaw is recommended for cutting all grates except the satin finish.





watch video



- Tips: • Use painter's tape on grate surface to protect finish when cutting.
- Grate needs to be cut equally on each side.
- Draw a straight line where the cut will be made.
- Clamp grate to stable surface for cutting.
- Gently file edges.
- Do not bend or pull away cut sections, allow them to fall away.
- Re-connect end-caps.



**6a.** Once grate and slider position are verified, apply sealant around the top edge of the base and thin-set to the bottom of the grate, or remove the paper backing from the sealant tape.



**6b.** Install grate on top of the base and screw into the sliders using the enclosed screws.



**Step 7.** Verify that the grate is perfectly straight and level before installing the floor. Use enclosed wedges to raise any part of the grate if needed.



Step 8. Apply thin-set and install tile and grout.



**Step 9.** Remove the stainless steel protector and place the removable grate.



# Note:

• Waterproof membrane should be installed and tested per manufacturer's instructions and local building and plumbing codes.

- QM® recommends this product to be installed by a licensed contractor.
- Failure to achieve adequate floor slope will result in standing water problems or slow water flow. Recommended slope for a shower floor is about 4 percent, or a 1/2 inch drop per every 12 inches from the shower walls to the drain.
- QM® Drain fits into the most common 2" ABS, PVC or cast iron shower drain flange.
- Lifting key assists with grate removal.

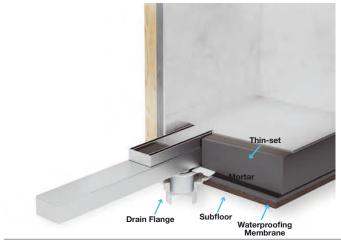
• Hair strainer basket fits inside the drain to collect hair and other debris preventing pipe clogs. Empty basket as needed to maintain optimal performance. The use of the basket is optional.





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# Delmar Series Linear Drain. Supreme Tile-in



Before beginning installation make sure the distance between the center of the shower and the outlet is within 8" of each other



**STEP 1.** Have your shower area ready, waterproofing installed and tested.

**STEP 2.** Mark the center of your shower and screw threaded nipple into the drain flange, adjust to desired height.

**STEP 3.** Insert the drain channel into the threaded nipple.

**NOTE:** The longest side of the channel should always go towards the center of the shower.

**STEP 4.** Pour a mortar bed across shower area, pitch at a 1/4" per foot slope in direction towards the shower base. Pitch begins level to the edge of the stainless-steel channel.

**STEP 5.** Once mortar has cured, move the railing sliders into the position, each at 4.5" from the center of the shower.



**STEP 6.** Attach the grate to the channel. With the sliders positioned correctly, place the grate over the base and make sure the grate looks centered in the shower, adjust accordingly.

**6a.** Once grate and slider position are verified, apply sealant around the top edge of the base and thin-set to the bottom of the grate, or remove the paper backing from sealant tape.



**6b.** Install grate on top of the base and screw into the sliders using the enclosed screws.

**STEP 7.** Trowel mortar to required height. Apply thin-set and install tile and grout.

**TIP:** Measure the floor thickness and leave just the space for thin set and floor tile, taking into consideration the grate height. Your floor should end flush with the grate.

# NOTE:

• Waterproof membrane should be installed and tested per manufacturer's instructions and local building and plumbing codes.

• QM® recommends this product to be installed by a licensed contractor.

• Failure to achieve adequate floor slope will result in standing water problems or slow water flow. Recommended slope for a shower floor is about 4 percent, or a 1/2" inch drop per every 12 inches from the shower walls to the drain.

Lifting key assists with grate removal.

• Hair Strainer basket fits inside the drain to collect hair and other debris preventing pipes clogs. Empty basket as needed to maintain optimal performance. The use of the basket is optional.





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# Delmar Series Linear Drain. Adjustable

**Step 1.** Determine where the drain will be positioned, frame out shower surround as required.

**Step 2.** Connect drain flange body to the drain pipe, leaving drain bolts in place. Cover the drain opening to prevent floor mortar blocking pipe work.

**Step 3.** Trowel mortar onto subfloor, pitch at a 1/4" per foot slope in direction towards the shower base.

**Step 4.** Install waterproof membrane, reinforce around outlet and cut carefully to expose heads of drain bolts and outlet. Install clamping ring.

Step 5. Test membrane for leaks.

**Step 6.** Screw threaded nipple into the drain flange, adjust to desired height.



**Step 7.** Calculate finished drain length, allowing for wall & tile thickness and 8" for the outlet section. For full drain length, cut the channel where the center of the outlet section will be placed.

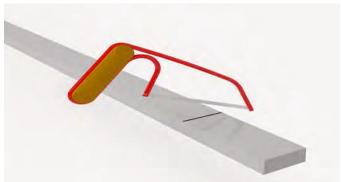
For shorter length, remove equal amounts (half of total amount to be removed) from each cut of channel. Example: if 4" needs to be removed, cut 2" from each side.

**Tool:** Use enclosed Stainless Steel cuting blade or a Handheld Hacksaw with 32 TPI for cleanest cut.





Watch Installation Video



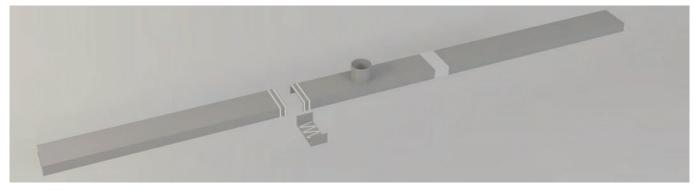
# Tips:

- a) Draw a straight line on the back of the channel where the cut will be made.
- b) Clamp channel to stable, level surface for cutting.
- c) Apply WD-40 lubricant for ease of sawing.
- d) Cut drain channel at 450 angles. Use a 300 angle on corners.
- e) Gently file edges with a carpenter file.
- f) Do not bend or pull away pieces being cut from channel, allow cut pieces to fall away.

**Step 8.** Clean all parts. On a flat, stable surface, align the cut ends of the channel with the outlet section. To join the channel pieces to the outlet, attach joiner strips to the underside of the seams, using provided Sikaflex 1A construction sealant. Remove any Sikaflex spill over. Allow to dry minimum of 8 hours before handling.

#### Tips:

a) Use Denatured Alcohol to clean.



**Step 9.** Apply Sikaflex 1A sealant to trim pieces and fit them onto the longer outer edge of the channel. Remove any Sikaflex spill over. Allow to dry minimum of 8 hours before handling.

**Tips:** Cover the inside of the base with blue painter tape to avoid staining the base with sealant residual.

**Step 10.** Place the drain channel into the threaded nipple. Use the adjustable feet to keep the drain channel into the correct position and level.

Step 11. Trowel mortar to required height

**Step 12.** Once floor mortar has cured, apply thin set and install tile and grout

**Step 13.** Place the grate into the channel. Note: the grate might need to be cut to fit inside the channel easily. **For Mist** spread a layer of mortar into the grate, allowing for thinset and material to finish flush with metal frame.

**Tool:** Cut using a Handheld Hacksaw with 32 TPI for cleanest cut. Only Satin finish drain includes a stainless steel blade in kit. Handheld Hacksaw is recommended for cutting all grates except the satin finish.

# Tips:

Note:

a) Draw a straight line where the cut will be made.

- b) Clamp grate to stable, level surface for cutting.
- c) Apply WD-40 lubricant for ease of sawing.
- d) Cut drain channel at 450 angle.
- e) Gently file edges with a carpenter file.

f) Do not bend or pull away cut sections, allow them to fall away.







Watch Cutting Video

- Hair Strainer basket fits inside the drain to collect hair and other debris preventing clogged pipes. Empty basket as needed to maintain optimal performance. The use of the basket is optional.
- Waterproof membrane shall be installed and tested per manufacturer's instructions and local building and plumbing codes.
- QM recommends this product to be installed by a licensed contractor.
- QMDrain fits into most common 2" ABS, PVC or Cast Iron shower drain flange.
- Lifting key assists with grate removal.
- Failure to achieve adequate floor slope will result in standing water problems or slow water flow.



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# Linear Drain Standard Lenght. Standard Plain Edge Base. Standard Waterproofing

**Step 1.** Determine where the drain will be positioned, frame out shower surround as required.

**Step 2.** Connect drain flange body to the drai pipe, leaving drain bolts in place. Block drain opening with rag to prevent floor mortar blocking pipe work.

**Step 3.** Trowel mortar onto subfloor, pitch at a ¼" per foot slope in direction towards the shower base.

**Step 4.** Install waterproof membrane, reinforce around outlet and cut carefully to expose heads of drain bolts and outlet. Install clamping ring.

**Step 5.** Test membrane for leaks.

**Step 6.** Screw threaded nipple into the drain flange, adjust to desired height.

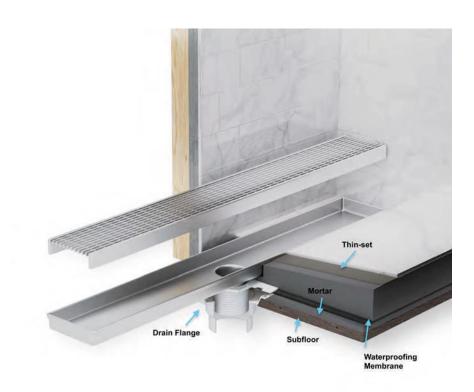
**Step 7.** Place the drain channel into the threaded nipple. Use the adjustable feet to keep the drain channel in the correct position and level

**Step 8.** Trowel mortar to required height.

**Step 9.** Once floor mortar has cured, apply thin set and install tile and grout.

**Step 10.** Install the grate into the shower linear base. **For Mist (Tile-in)** spread a layer of mortar into the grate, allowing for thinset and material to finish flush with metal frame.

For Bay 2-in-1 Reversible Grate drain comes preselected in the Smooth Satin Stainless Steel side, if the desire side to use is the Tile-In, please remove Plastic Legs from the grate using Key included in set, and place Plastic Legs back on the opposite side. Ensure Legs are fully snapped on grate.



#### Note:

- Waterproof membrane should be installed and tested per manufacturer's instructions and local building and plumbing codes.
- QM recommends this product to be installed by a licensed contractor.
- QM drain fits into most common 2" ABS, PVC or Cast Iron shower drain flange.
- Hair Stainer basket fits inside the drain to collect hair and other debris preventing pipe clogs. Empty basket as needed to maintain optimal performance. The use of the basket is optional.
- Lifting key assists with grate removal.
- Failure to achieve adequate floor slope will result in standing water problems or slow water flow.

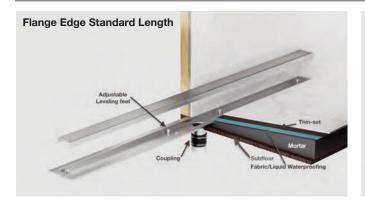


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Delmar Series Linear Drain. Flange Edge and Side Outlet Flange Edge Standard Length



#### WATERPROOFING METHODS:

Modern Waterproofing methods: Liquid and Fabric Waterproofing.

# ACCESS TO PLUMBING FROM BELOW:

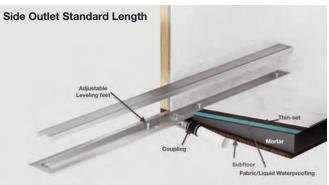
If there is access to the plumbing from below, the waste line can be connected after installing the QM Drain; the drain can be installed in conjunction with the mortar bed.

**STEP 1.** Determine where the drain will be positioned, frame out shower surround as required.

**STEP 2.** Spread a preliminary mortar bed across the intended drain location. Set drain into mortar bed. Connect the outlet section to the existing waste pipe via 2" no hub coupling. Allow stainless steel channel to sit onto subfloor. Make sure the channel is completely level.

#### NO ACCESS TO PLUMBING FROM BELOW:

When there is limited or no access to the plumbing from below: Measure the distance from the top of the existing waste line to the top of the subfloor. Determine the distance from the bottom of the outlet section to the top of the existing waste pipe. Cut a 2" PVC or ABS pipe to a length 1/8" less than this dimension. Bond the 2" PVC/ABS pipe to a 2" Rubber Coupling using PVC/ABS pipe to the outlet section via a 2" no hub rubber coupling. Bond the free end of the 2" pVC/ABS primer and cement.



**STEP 3.** Pour a mortar bed across shower area, pitch at a 1/4" per foot slope in direction towards the shower base. Pitch begins level to the edge of the stainless-steel channel.

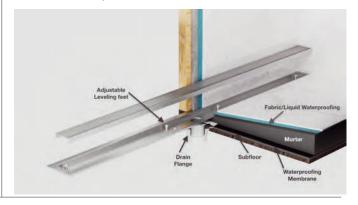
**STEP 4.** Install waterproofing when mortar is dry, liquid membrane or sheet membrane as per manufacturer's instructions. Paint or bond waterproofing directly to the base flange edge.

**STEP 6.** Once waterproofing is dry, apply thin-set and install tile and grout. Note: Tile can't cover the channel.

**STEP 7.** Install the grate into the shower linear base. Use adjustable level feet located inside the channel to raise or lower the grate to finish flush with the floor height.

For Mist (Tile-in) grate, spread a layer of thin-set mortar to the underside of the tile and set on the top of the grate. Remove any excess of material.

**For a Double waterproofing installation:** refer to Linear Drain Standard Installation step 1 to 7 and then continue at step 3.



#### NOTE:

• QM® recommends this product to be installed by a licensed contractor.

<sup>•</sup> Waterproof membrane should be installed and tested per manufacturer's instructions and local building and plumbing codes.

<sup>•</sup> Failure to achieve adequate floor slope will result in standing water problems or slow water flow. Recommended slope for a shower floor is about 4 percent, or a 1/2" inch drop per every 12 inches from the shower walls to the drain.

<sup>·</sup> Lifting key assists with grate removal.

<sup>•</sup> Hair Štraíner basket fits inside the drain to collect hair and other debris preventing pipes clogs. Empty basket as needed to maintain optimal performance. The use of the basket is optional.



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# Center Drain. Standard waterproofing

Step 1. Frame out shower surround as required.

**Step 2.** Connect drain flange body to the drain pipe, leaving drain bolts in place. Block drain opening with rag to prevent floor mortar blocking pipe work.

**Step 3.** Trowel mortar bed over subfloor, pitch at a 1/4" per foot slope in four directions towards the shower base.

**Step 4.** Install waterproof membrane, reinforce around outlet and cut carefully to expose heads of drain bolts and outlet. Install clamping ring.

Step 5. Test membrane for leaks.

**Step 6.** Screw the QM drain base into the drain flange, adjust height as needed. Proper height should be determined by flooring contractor.

**Step 7.** Trowel mortar to required height.

**Step 8.** Once floor mortar has cured, apply thin set and install tile and grout.

**Step 9.** Install the grate into QM drain base. **For Mist or Veil (Tile-in)** spread a layer of mortar into the grate, allowing for thinset and material to finish flush with metal frame.

# Note:

- Waterproof membrane should be installed and tested per manufacturer's instructions, local building and plumbing codes.
- QM recommends this product to be installed by a licensed contractor.
- QM drain fits into most common 2" ABS, PVC or Cast Iron shower drain flange.

• Hair stainer basket fits inside the drain to collect hair and other debris, preventing pipe clogs. Empty basket as needed to maintain optimal performance. The use of the basket is optional.

- Lifting key assists with grate removal.
- Failure to achieve adequate floor slope will result in standing water problems or slow water flow.











Watch Installation Video



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# Center Drain Installation for concrete slab

**Step 1.** Frame out shower surround as required.

**Step 2.** Connect drain outlet **A** to waste pipe **B** using our reducer adaptor. Reducer fits inside the pipe; bond using PVC/ABS cement/primer.

**Step 3.** Pour concrete slurry to the height of the channel bottom, pitch at a <sup>1</sup>/<sub>4</sub>" per foot slope in four directions towards the shower base.

**Step 4.** Install waterproofing membrane per manufacturer's instructions, fully covering concrete.

**Step 5.** Trowel mortar to required height.

**Step 6.** Once floor mortar has cured, apply thin-set and install tile and grout.

**Step 7.** Install the grate into the shower linear base. **For Mist or Veil (Tile-in)** spread a layer of mortar into the grate, allowing for thinset and material to finish flush with metal frame.

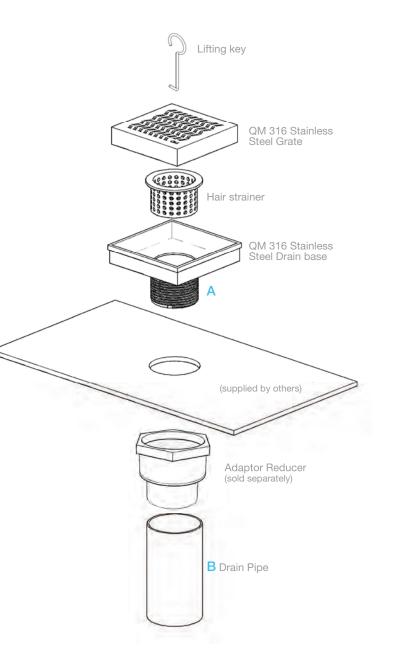
#### Note:

• QM recommends this product to be installed by a licensed contractor.

• Hair Stainer basket fits inside the drain to collect hair and other debris preventing pipe clogs. Empty basket as needed to maintain optimal performance. The use of the basket is optional.

• Lifting key assists with grate removal.

• Failure to achieve adequate floor slope will result in standing water problems or slow water flow.





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# Lagos Series Linear Drain. Adjustable



**Step 1.** Determine where the drain will be positioned, frame out shower surround as required.

**Step 2.** Connect drain flange body to the drain pipe, leaving drain bolts in place. Cover the drain opening to prevent floor mortar blocking pipe work.

**Step 3.** Trowel mortar onto subfloor, pitch at a 1/4" per foot slope in direction towards the shower base.

**Step 4.** Install waterproof membrane, reinforce around outlet and cut carefully to expose heads of drain bolts and outlet. Install clamping ring.

Step 5. Test membrane for leaks.

**Step 6.** Screw threaded nipple into the drain flange, adjust to desired height.

**Step 7.** Calculate finished drain length, allowing for wall & tile thickness and 8" for the outlet section **H**. For full drain length, cut the base **E** where the center of the outlet section will be placed.

For shorter length, remove equal amounts (half of total amount to be removed) from each cut of base. (Example: if 4" needs to be removed, cut 2" from each side).

**Tool:** Use enclosed Stainless Steel cuting blade or a Handheld Hacksaw with 32 TPI for cleanest cut.

#### Tips:

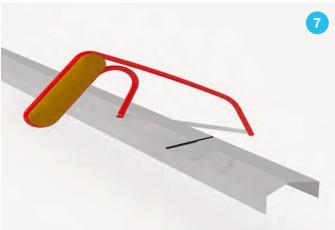
a) Draw a straight line on the back of the base where the cut will be made.

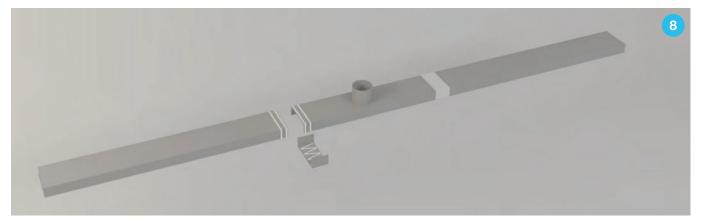
b) Clamp base to stable, level surface for cutting.c) Cut drain basel at 450 angles. Use a 300 angle on

corners. d) Gently file edges.

e) Do not bend or pull away pieces being cut from base, allow cut pieces to fall away.







**Step 8.** Clean all parts. On a flat, stable surface, align the cut ends of the base with the outlet section. To join the base pieces to the outlet, attach joiner strips to the underside of the seams, using clear PVC primer and PVC cement.

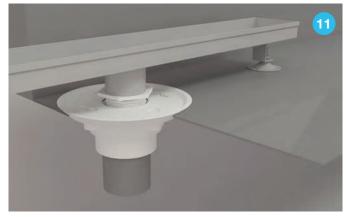
**Step 9.** Glue the channel end caps to the channel using clear PVC primer and PVC cement.



**Step 10.** Glue the trim pieces on each edge of the channel.

**Tips:** Cover the inside of the base with blue painter tape to avoid staining the base with sealant residual.

Step 12. Trowel mortar to required height.



**Step 11.** Place the drain base into the threaded nipple. Use the adjustable feet to keep the drain channel into the correct position and level.

**Tips:** If it is necessary create a mortar bed under the length of the base to ensure support. Make sure base is straight and level before continuing with next step.

Step 13. Once floor mortar has cured, apply thin set and install tile and grout.

**Step 14.** Place the grate into the base. Note: the grate might need to be cut to fit inside the base easily. **For Mist** spread a layer of mortar into the grate, allowing for thinset and material to finish flush with metal frame. **Tool:** Cut using a Handheld Hacksaw with 32 TPI for cleanest cut. Only Satin finish drain includes a stainless steel blade in kit. Handheld Hacksaw is recommended for cutting all grates except the satin finish.

#### Note:

• Hair Strainer basket fits inside the drain to collect hair and other debris preventing clogged pipes.

Empty basket as needed to maintain optimal performance. The use of the basket is optional.

• Waterproof membrane shall be installed and tested per manufacturer's instructions and local building and plumbing codes.

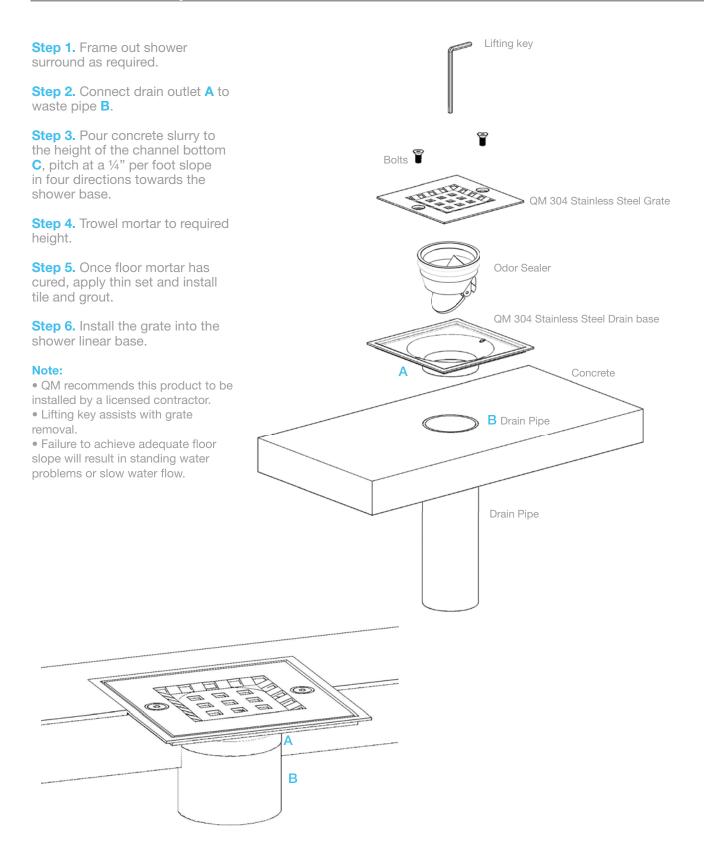
- QM Drain recommends this product to be installed by a licensed contractor.
- QM Drain fits into most common 2" ABS, PVC or Cast Iron shower drain flange.
- Lifting key assists with grate removal.
- Failure to achieve adequate floor slope will result in standing water problems or slow water flow.





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# Bay Series Ria Center Drain. Installation for concrete slab





#QMDrain







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