COMMERCIAL KITCHENS · FOOD PRODUCTION

Drainage, clean.

Floor drainage for rooms that get inspected: a channel that opens without tools, a basket that lifts out by hand, a body with no crevice for anything to sit in.

01
WASH
LINEAR RUN

02
BASKET
SOLIDS STOP

03
TRAP
SEAL

04
SUMP
LAST STOP



00 — CONTENTS

Two rooms, one requirement.

A kitchen and a processing hall are not the same building. They are the same inspection: is there anywhere for material to sit, and can you get at it to clean? Everything in this volume answers that one question.

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The body is the same stainless family across the range: 304 as standard, 316 where the wash-down water or the product says so. What changes is where the solids stop and where the seal sits — which is why the series are named for the route the water takes, not for the shape of the box.



01.1 — COMMERCIAL KITCHEN

Wet prep, dish and wash-down.

One run at the low edge of the room, basket at the outlet end, grating flush enough to walk on and wheel a trolley across. The kitchen does not want a drain it has to think about — it wants one that takes everything the shift throws at it and comes apart in ten seconds.

FLOW	intermittent	SOLIDS	food scraps	SERIES	WASH · BASKET
LOAD	foot traffic	BODY	304 / 316	SEAL	50 mm
CLEAN	per shift	GRATE	bar / mesh	ACCESS	no tools

> Where the floor is tiled and the fall is already set, the channel is sized to the run rather than the run to the channel — the section stays the same, the length changes.



01.2 — FOOD PRODUCTION

Under the line, during wash-down.

Continuous flow, CIP chemistry and a basket that has to hold a shift. The channel is kept out of the traffic lane, the body is set in the screed rather than sitting on it, and the grating is chosen for what crosses it — boots, pallet trucks, or nothing at all.

FLOW	continuous	SOLIDS	product residue	SERIES	WASH · SUMP
LOAD	pallet truck	BODY	316 typical	SEAL	50 mm
CLEAN	CIP cycle	GRATE	mesh / heavy	ACCESS	no tools

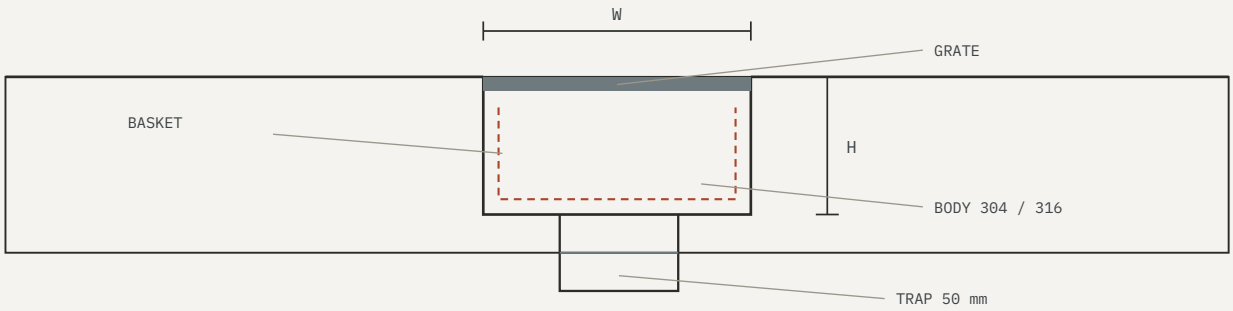
> Hygiene is a promise about the detail, not a coating. The claim only holds if the drawing shows a radius at every internal corner and the weld is dressed back to the parent metal — which is what the section drawings in DOC 02 are for.

02 — SERIES

Four ways the water leaves.

CODE	SERIES	ROUTE	BODY	SIZES
SPH-WASH	WASH	The run that takes the whole floor — grating flush, fall built in, basket at the end.	304 / 316	*on request*
SPH-BASKET	BASKET	Where the solids stop: a basket you lift out by hand, twice a shift.	304 / 316	*on request*
SPH-TRAP	TRAP	The seal that keeps the room from smelling like the drain.	304 / 316	*on request*
SPH-SUMP	SUMP	The last stop before the pipe — accessible, drainable, drive-over if it has to be.	304 / 316	*on request*

> Sizes, depths and load classes are issued per project on the dimension sheet. We do not publish figures we have not tested on the assembly being shipped.

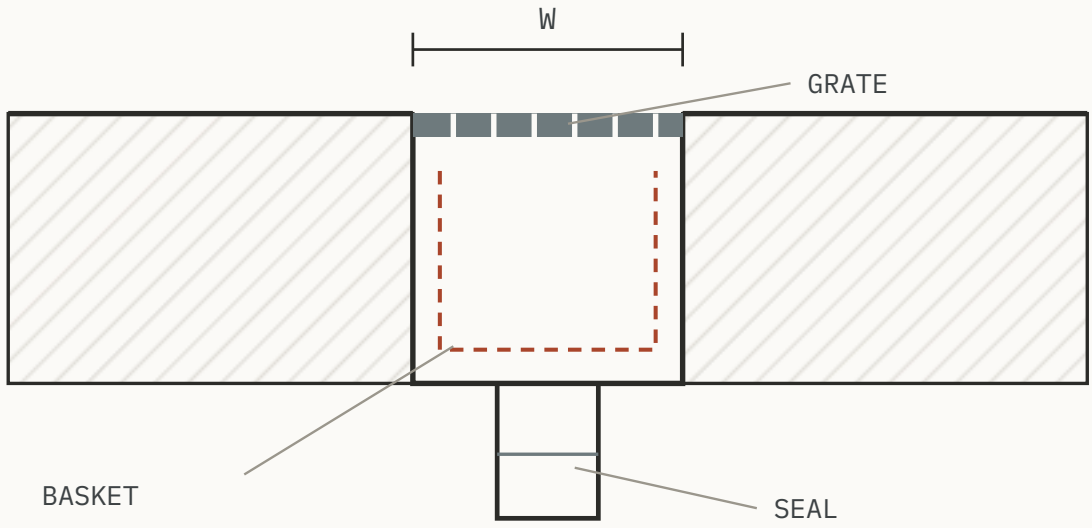


SEC 03-01 · WASH CHANNEL · NTS

02.1 — WASH

The run that takes the whole floor.

One continuous channel at the low edge, grating flush with the finish, fall built into the body. Where the room is washed down, everything drains to this line — so the line has to take everything.



SEC 06-01 · WASH channel · NTS

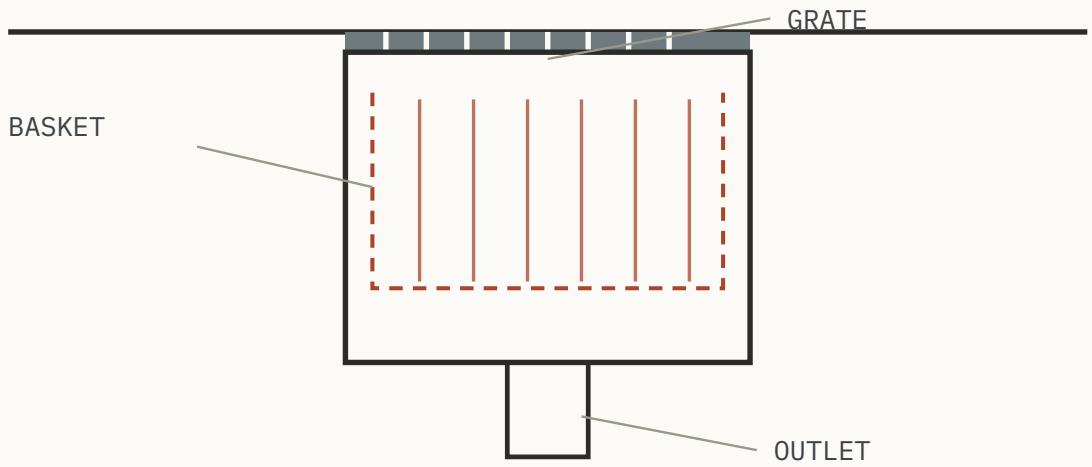
ROUTE	grating → basket → seal → outlet
BODY	304 / 316
GRATE	bar / mesh / slot
BASKET	full length, by hand
SEAL	50 mm, removable
LENGTH	on request

> The channel is sized to the run, not the run to the channel. On a refit that usually means a shorter basket and a deeper body.

02.2 — BASKET

Where the solids stop.

A basket you lift out twice a shift, sized so a full shift fits. The body below is deliberately plain — no ledge, no shoulder, nothing to catch what the basket missed.



SEC 07-01 · BASKET drain · NTS

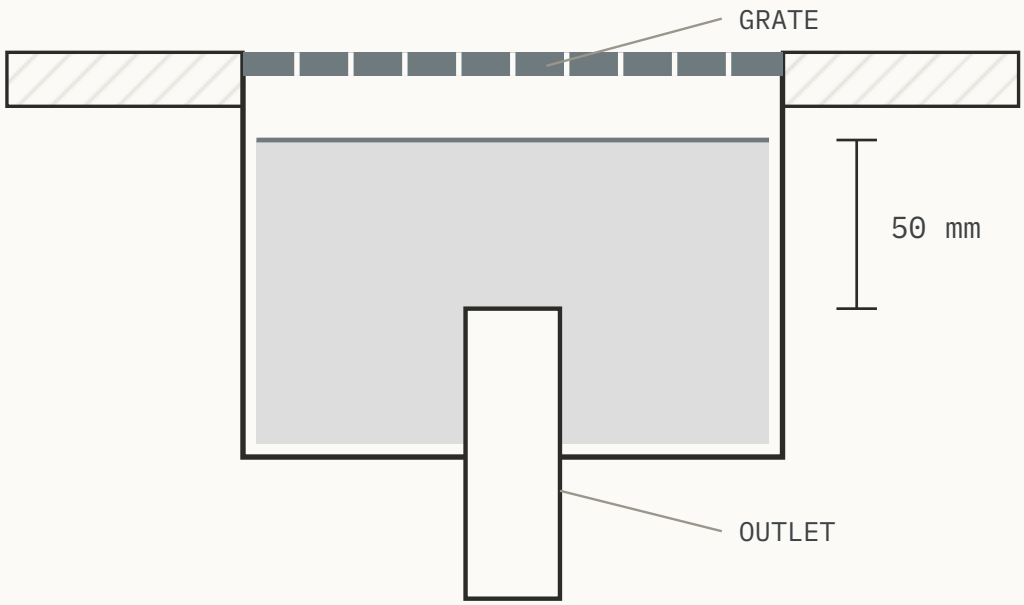
ROUTE	grating → basket → body → outlet
BODY	304 / 316
BASKET	perforated, lift-out
CAPACITY	S / L, on request
SEAL	50 mm where trapped
SIZES	on request

> If the basket needs a tool to open, it will not be opened. That is the whole design brief.

02.3 — TRAP

The seal that keeps the room from smelling like the drain.

Fifty millimetres of standing water between the room and the sewer. Deep enough to survive a wash-down, shallow enough to be cleaned out without lifting the floor.



SEC 08-01 · TRAP · NTS

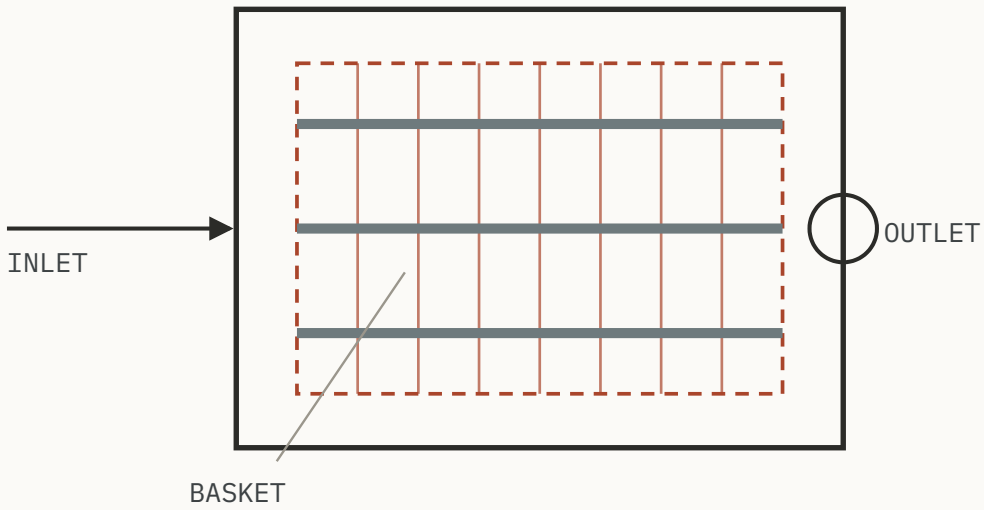
ROUTE	body → water seal → outlet
SEAL	50 mm, measured in place
TRAP	removable cartridge
BODY	304 / 316
ACCESS	no tools
OUTLET	on request

> A seal that dries out is not a seal. In rooms that go days between washes, say so — the answer is a different trap, not a bigger one.

02.4 — SUMP

The last stop before the pipe.

Where several runs meet, or where the floor has to be opened for cleaning. Basket inside, grating on top, body sized to take a hose and a brush.



PLAN 09-01 · SUMP with basket · NTS

ROUTE	grating → basket → sump → outlet
BODY	304 / 316
BASKET	high capacity, lift-out
GRATING	foot / pallet truck
INLET	side or top, on request
SIZES	on request

> Drive-over grating is a load question, not a design question. If a pallet truck crosses it, the answer is on the load sheet, not in the drawing.

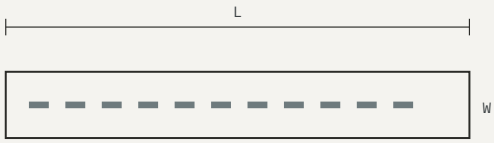
03 — CHANNEL RAILS

SS200X and SS400X.

The two stainless rails the WASH series is built on. Same construction, two widths — pick by flow, and by how much floor you are willing to lose to the channel.

SS200X

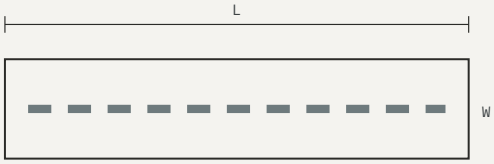
NARROW



USE	wet prep, dish, bar
BODY	304 / 316
GRATE	bar / mesh / slot
WIDTH	on request

SS400X

WIDE



USE	production hall, wash bay
BODY	304 / 316
GRATE	bar / mesh / heavy
WIDTH	on request

> Wider is not automatically better. A 400 rail takes more of the floor and more water before it reads as flowing; a 200 rail needs a tighter fall. The choice belongs on the drawing, with the tiler in the room.

BY FLOW

Intermittent → SS200X

Bar or dish areas that run in bursts and drain between them.

BY FALL

Generous fall → SS400X

A wide rail needs the floor to give it water; a tight fall suits the narrow one.

BY TRAFFIC

Pallet truck → SS400X

Wider body takes a heavier grate, and the grate is what the wheels actually cross.

04 — REGISTER

Live in the store.

Items listed on our Alibaba.com store at the time of this volume. Titles are reproduced as published; the series column is our routing, not the listing's.

ITEM	LISTING TITLE	SERIES
1600204453517	Stainless Steel 304 316 Corrosion-Resistant Trench Drain System for Food Processing Factory	WASH
62290774037	Factory Supplier Kitchen Slot Drain System with Industrial Food Grade Drain for Restaurant	WASH
1601444273358	OEM ODM Suditek GM300TFS High Grade Stainless Steel Commercial Kitchen Floor Drain Anti-Odor Polished Strainer 300x300mm 4 Flow	TRAP
1601445260146	SS Modern Industrial Anti-Odor Anti-Corrosion Waterseal Catch Basin Trash Box Floor Drain for Outdoor Kitchen Use	BASKET
1601445275880	Stainless Steel 304/316 Industrial Modern Design Style Anti-Odor Waterseal Anti-Corrosion Trash Box Floor Drain Flange	BASKET
1601205736622	Stainless Steel Linear Indoor Floor Drain	WASH

> Source: Alibaba.com product snapshot, metric date 2026-10-25. Product photography is not included in this volume — the drawings stand in until the shoot is done.

STEP 01

Quote the item

Send the item number and the run length. We answer with the section, not a price list.

STEP 02

Get the sheet

One page per SKU: width, depth, outlet, build-up height, with the basket in place.

STEP 03

Confirm the floor

Fall, screed depth and outlet position decided before the channel is cast in.

05 — DOCUMENTS

What the auditor asks for.

Issued with the order, not produced after the question. If a document is not ready for a project, we say so before the order rather than after it.

DOC 01

Dimension sheet

Per-SKU width, depth, outlet position and build-up height, with the basket in place.

PDF · on request

DOC 02

Section drawings

Channel, basket, seal and floor junction at 1:5, with the internal radius called out.

DWG / DXF

DOC 03

Material certificate

Heat number and alloy confirmation for 304 / 316, traceable to the batch shipped.

PDF · per batch

DOC 04

Cleaning procedure

Lift, rinse, refit — written for the person doing it, in the language of the shift.

PDF · EN / 中文

DOCUMENT	SAMPLE	PROJECT ORDER	REPEAT ORDER
DOC 01 · Dimension sheet	issued	issued	on request
DOC 02 · Section drawings	issued	issued	on request
DOC 03 · Material certificate	—	per batch	per batch
DOC 04 · Cleaning procedure	issued	issued	issued

> HACCP is a management system, not a product certificate. What we supply is the structure and the paperwork that let a site demonstrate its own control — never a claim to hold an audit on the customer's behalf.

CONTACT

Send the run, not the brochure.

A plan with the falls marked, a photo of the floor, or just the length and what goes down it. We will come back with the section, the basket size and the lead time.

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Suditek Bath — wet room drainage

Suditek Hygiene — division 03