

DUFTONS

PLUMBING AND HEATING SUPPLIES



Commercial Guide

PLUMBING



HEATING



BATHROOMS





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Press

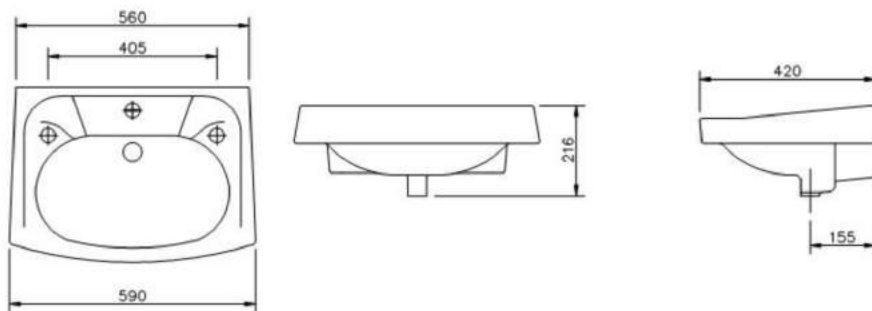
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Channel & Clips

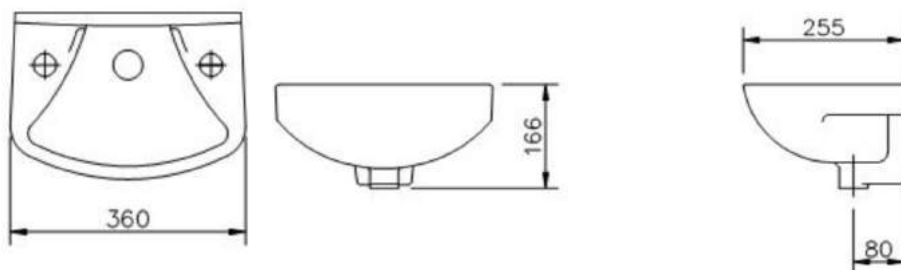
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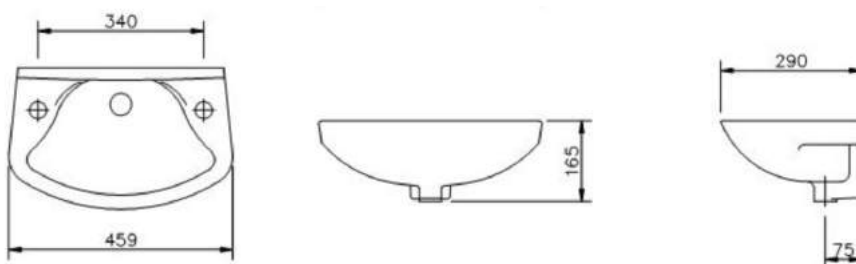
Atlas 2216 Basin
2 Tap Holes, Overflow, Chain and Stay
590x420mm ASWH22BA



Atlas 1410 Basin
2 Tap Holes, Overflow, Chain and Stay
360x255mm ASWH14BA



Atlas 1811 Basin
2 Tap Holes, Overflow, Chain and Stay
459x290mm ASWH18BA





Atlas Medical Basin

No Tap Holes, Overflow or Chain Stay

50cm ASWH50BA0NO

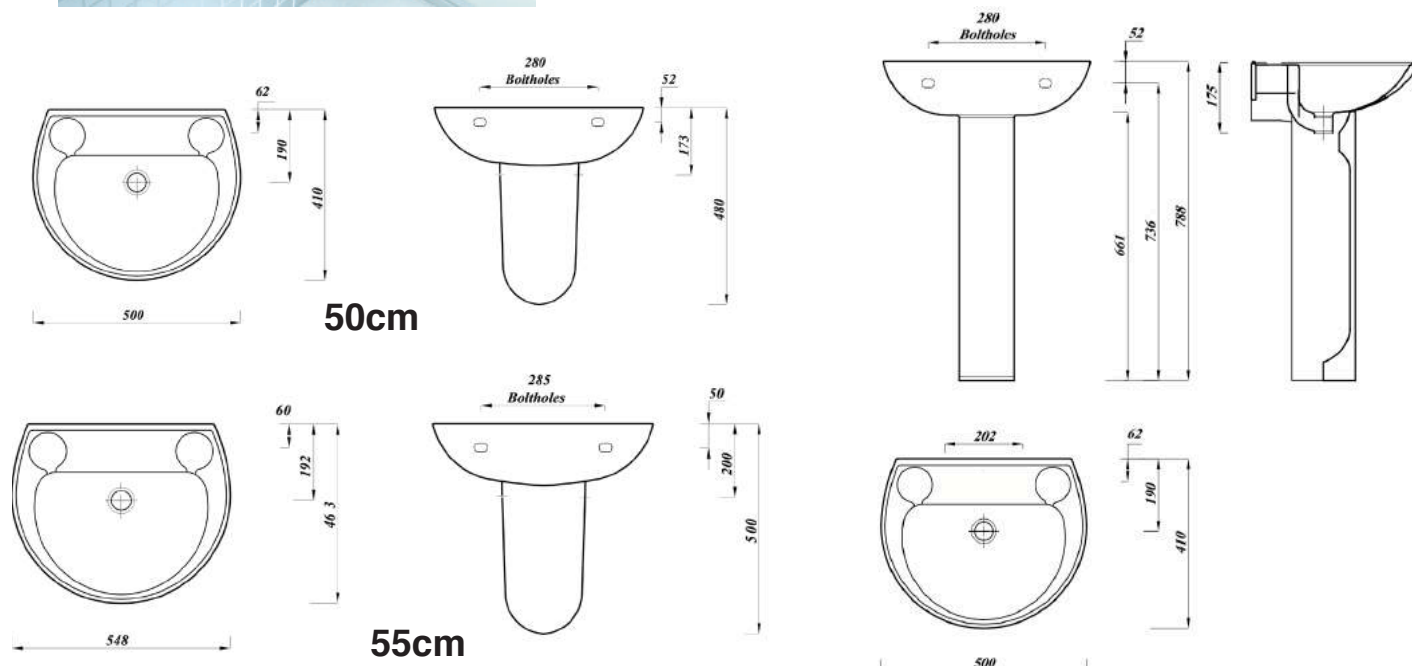
500x410mm

55cm ASWHBA0NO

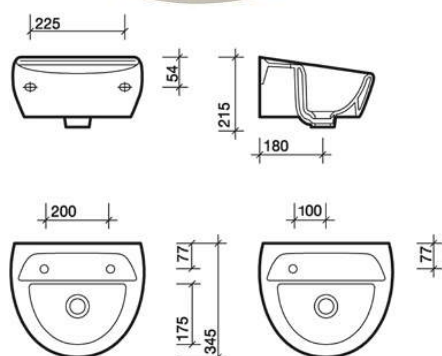
548x463mm

Semi Pedestal NLGWH SPE

Full Pedestal ASWHPE



Twyford
 Geberit Group



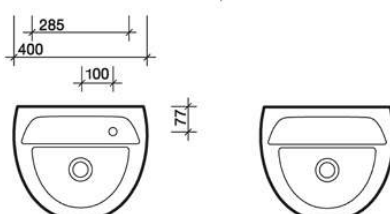
Sola Medical Basin

No Tap Holes, Overflow or Chain Stay

50cm SA4250WH

Semi Pedestal GN4970WH

Full Pedestal VW4910WH



Basins

*Armitage
Shanks*



Portman 21

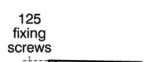
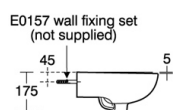
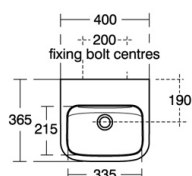
**400mm Basin 2TH Chain Hole and Overflow
S231701**

**Basin Bracket
S931867**

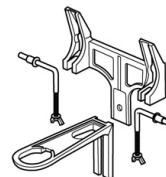
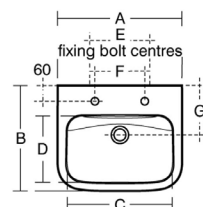
**500mm Basin 2TH Chain Hole and Overflow
S230901**

**Concealed bracket with waste support
S913767**

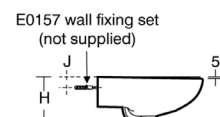
All other Portman 21 configurations available



Alternative wall bracket
fixing method



S9138

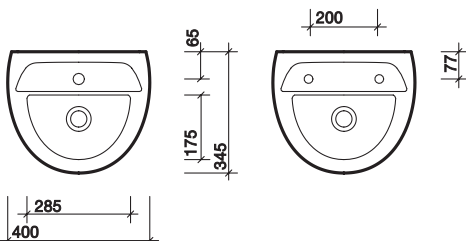
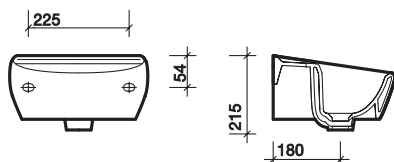


fixing
screws



Alternative wall bracket
fixing method

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Sola

**400mm Basin 1TH Chain Hole and Overflow
SA4111WH**

**500mm Basin 1TH Chain Hole and Overflow
SA4211WH**

**400mm Basin 2TH Chain Hole and Overflow
SA4112WH**

Wall Bolt

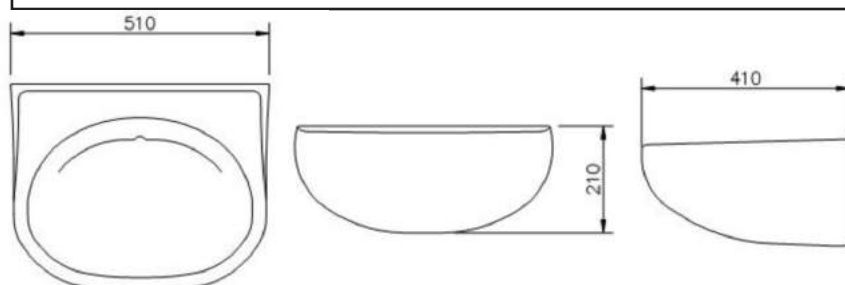
SR1018XX

**500mm Basin 2TH Chain Hole and Overflow
SA4212WH**



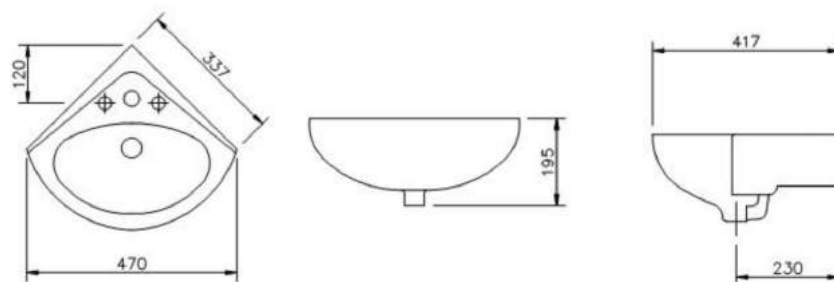
Atlas 51cm Clinical Basin & Fix Pack

ASCLINICAL



Atlas 47cm Corner Basin

**1TH ASWHCBA1
2TH ASWHCBA2**

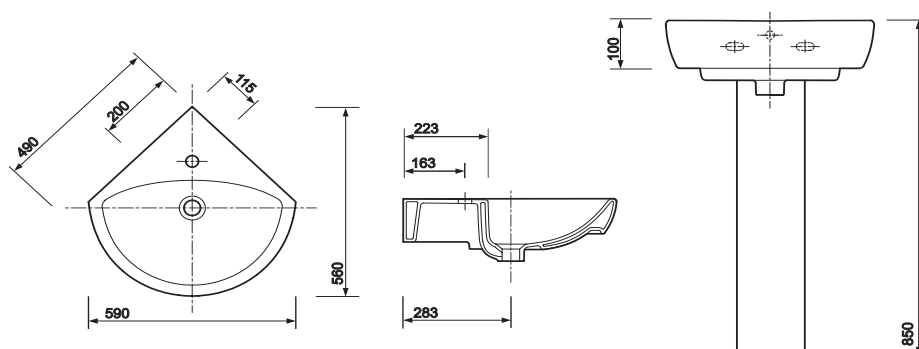


Twyford
Gebert Group



E100 50cm Corner Basin 1TH E14191

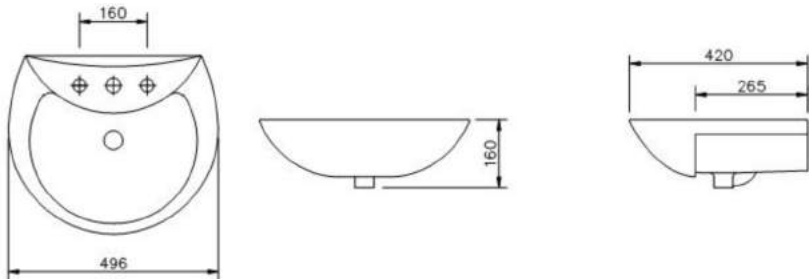
Full Pedestal E54910WH





**50cm Atlas Semi Recessed Basin 1TH
AWHSR50BA1**

**50cm Atlas Semi Recessed Basin 2TH
ASWHSR50BA2**



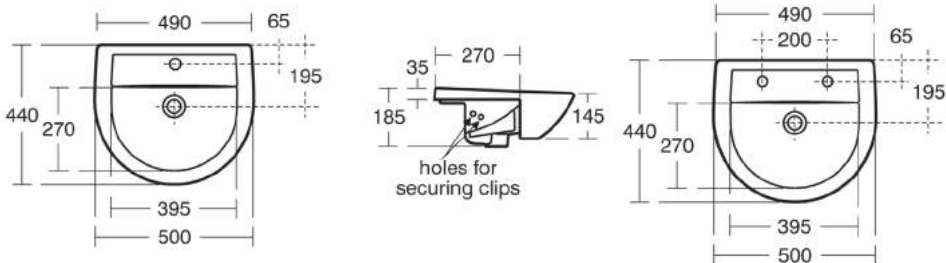
*Armitage
Shanks*



Sandringham 21 50cm Semi Recessed Basin

1TH E895801

2TH E895901



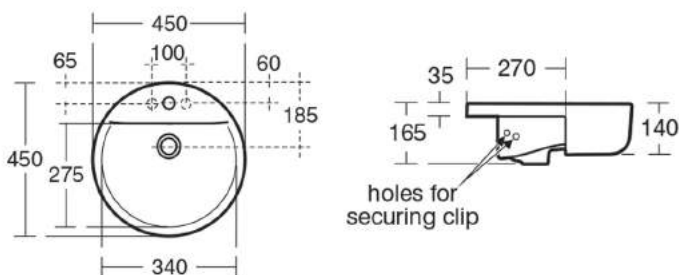
*Armitage
Shanks*



Sphere 50cm Semi Recessed Basin

1TH E895801

2TH E895901

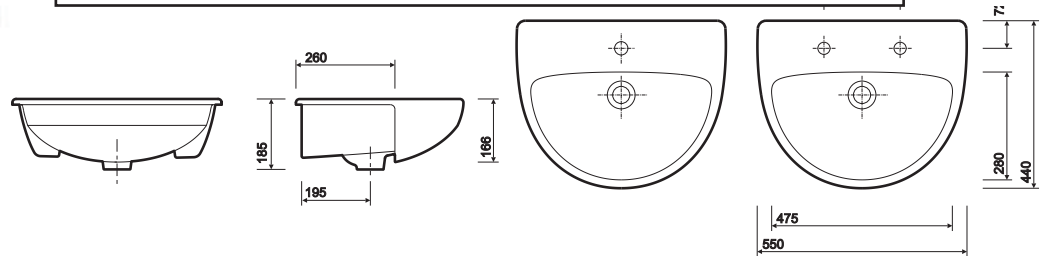


Twyford
Geberit Group



E100 55cm Semi Recessed Basin

1TH E1466WH
2TH E14662WH

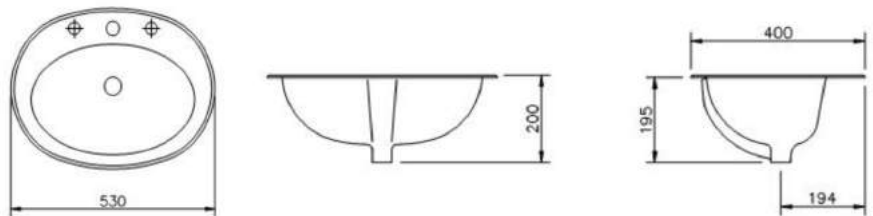


Lecico
bathrooms



Atlas 53cm Fully Inset Vanity Basin

1TH ASWHVBA1
2TH ASWHVBA2

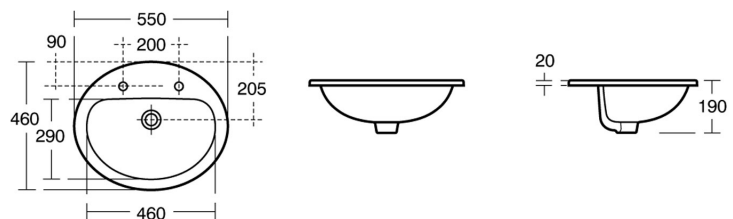


*Armitage
Shanks*



Orbit 55cm Vanity Basin

1TH S248601
2TH S248801

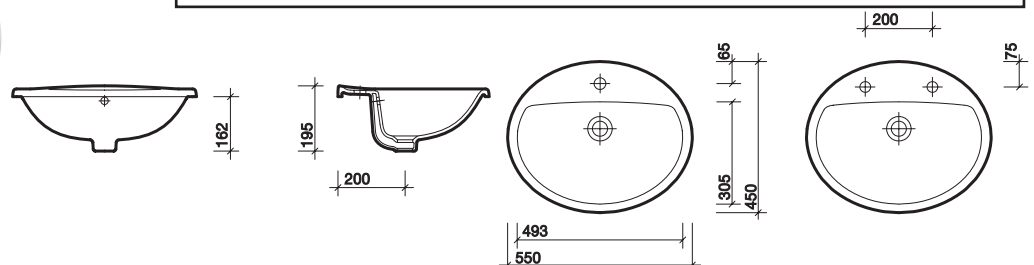


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Geberit Group



E100 55cm Countertop Wash Basin

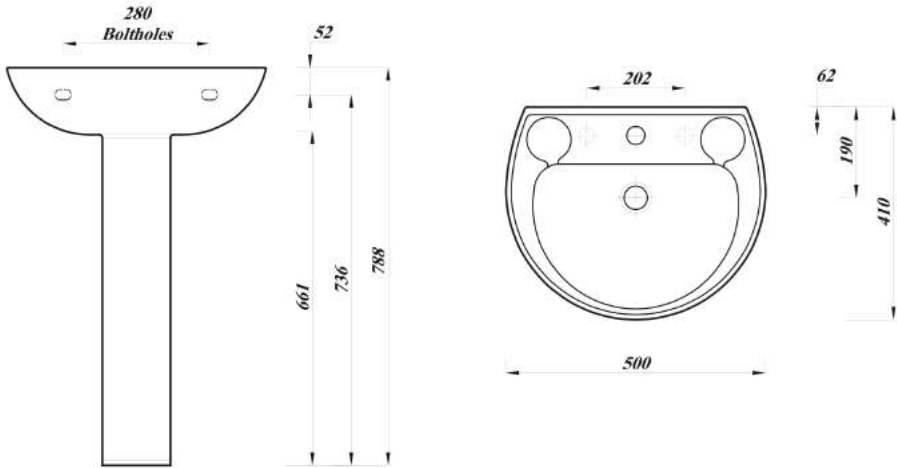
1TH E14561WH
2TH E14562WH





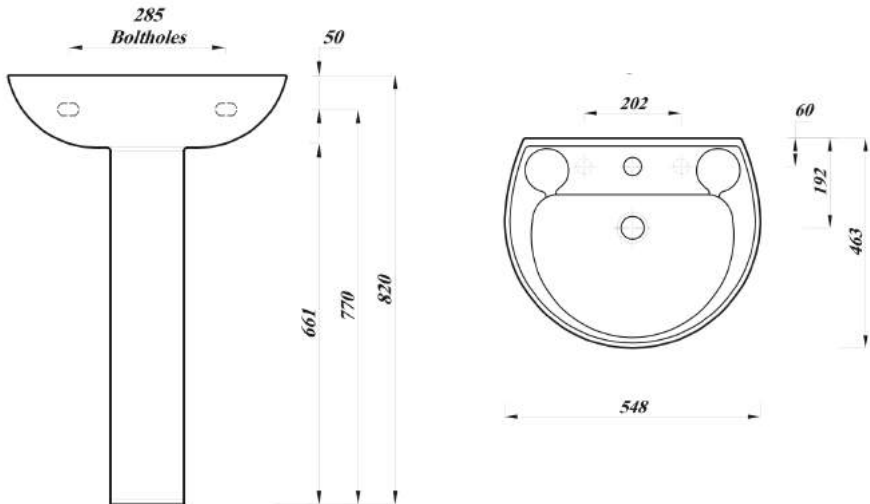
Atlas 50cm Pedestal Basin

1th Basin	ASWHBA1
2th Basin	ASWHBA2
Pedestal	NLGWHSPE



Atlas 55cm Pedestal Basin

1th Basin	ASWH55BA1
2th Basin	ASWH55BA2
Pedestal	NLGWHSPE

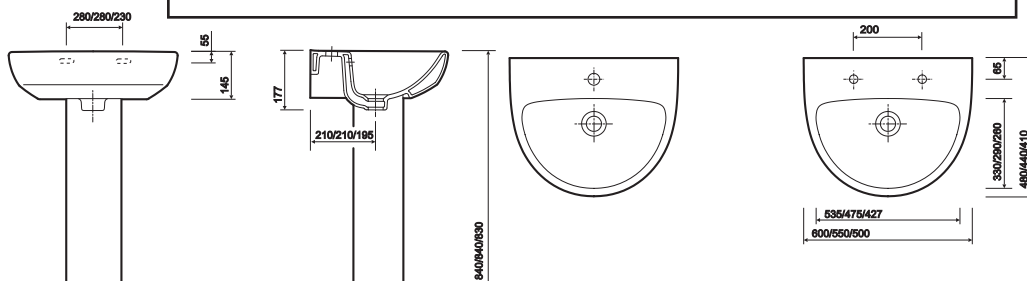


Twyford
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E100 55cm Pedestal Basin

1th Basin E14221WH
2th Basin E14222WH
Pedestal E54910WH

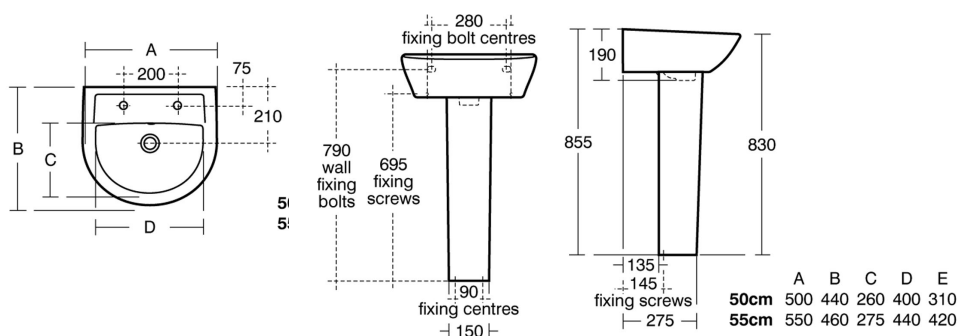


Armitage
Shanks



Sandringham 21 55cm Pedestal Basin

1th Basin E894901
2th Basin E895101
Pedestal E897601

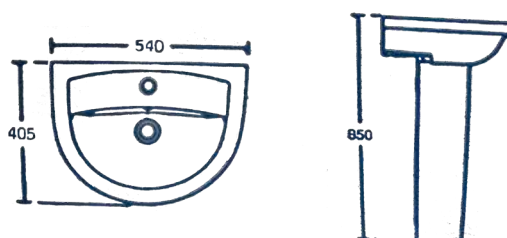


Ideal
STANDARD



Bari 54cm 1th Basin & Pedestal Pack

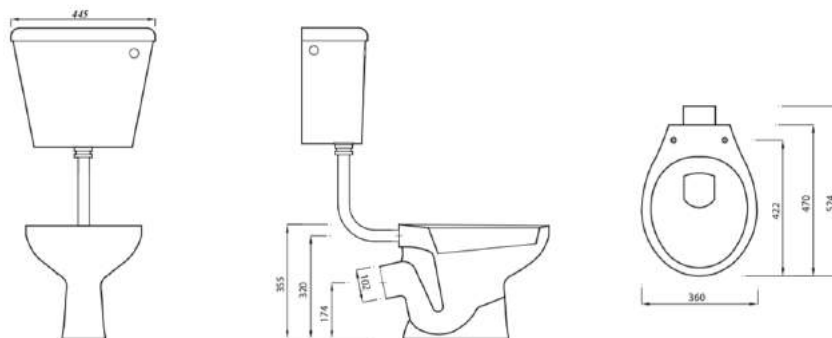
WZ030005





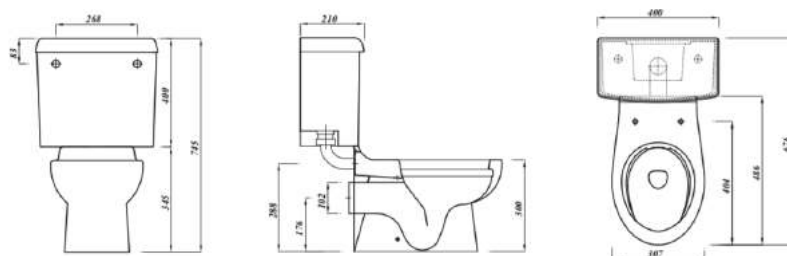
Atlas 30cm Low Level Rimless School Pan

Pan SC30BTWRIM
4 / 2.6ltr Cistern SCWHPCI
Ring Seat (gapped) STWHSRING



Atlas 30cm Close Coupled Rimless School Pan

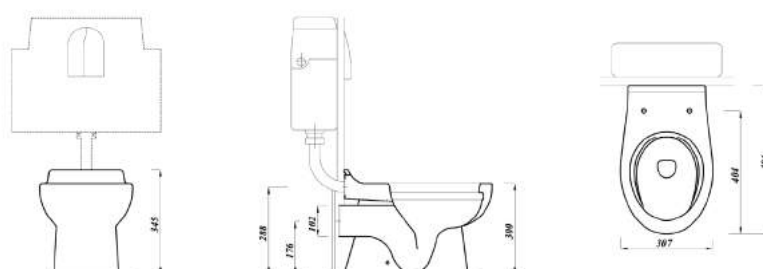
Pan SC30BTWRIM
4 / 2.6ltr Cistern SCWHPCI
Ring Seat (gapped) STWHSRING



Atlas 30cm Back to Wall Rimless School Pan

Pan SC30BTWRIM
Ring Seat (gapped) STWHSRING

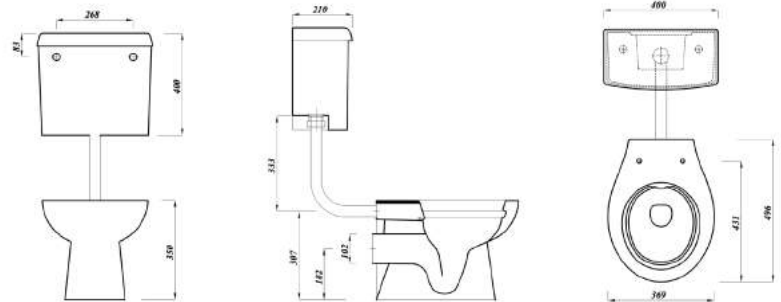
See Page 19 for concealed cistern options





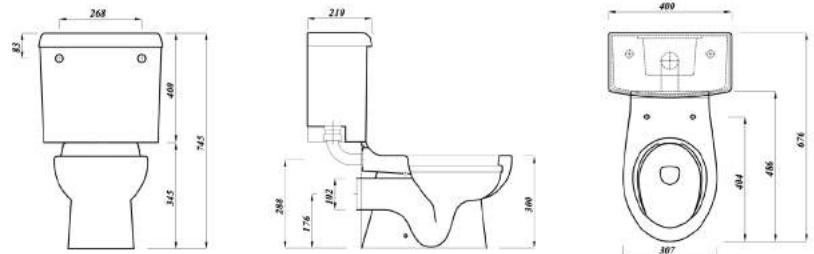
Atlas 35cm Low Level Rimless School Pan

Pan SC35BTWRIM
Cistern SCWHPCI
Top Fixing Ring Seat STWHTFIXRINGA2



Atlas 35cm Close Coupled Rimless School Pan

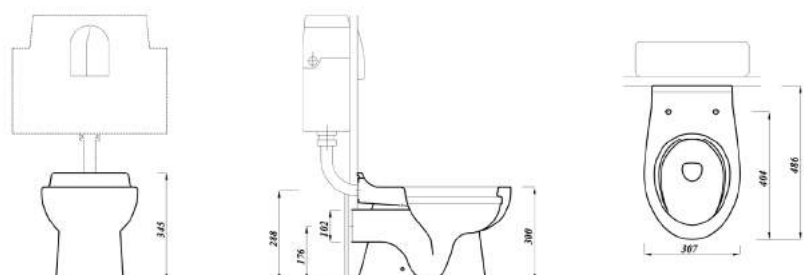
Pan SC35BTWRIM
Cistern SCWHPCI
Top Fixing Ring Seat STWHTFIXRINGA2



Atlas 35cm Back to Wall Rimless School Pan

Pan SC35BTWRIM
Top Fixing Ring Seat STWHTFIXRINGA2

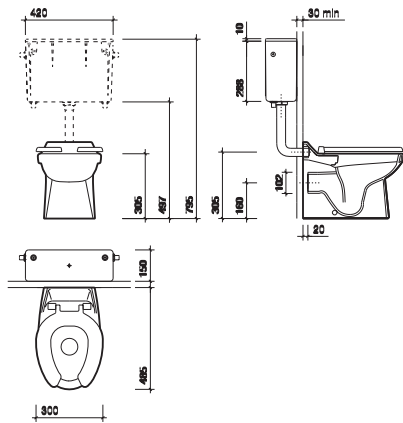
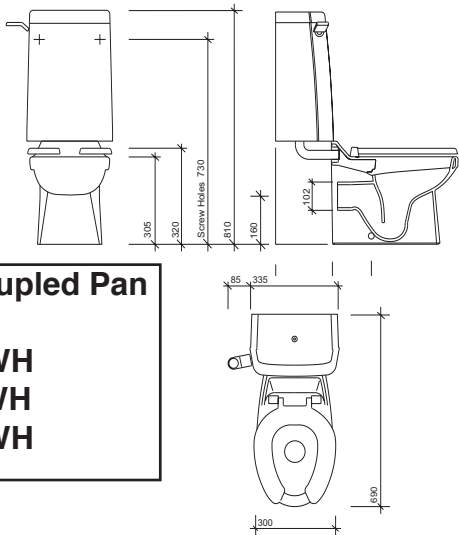
See Page 19 for concealed cistern options





Sola Rimmless 300mm School Close Coupled Pan

Pan	SA1512WH
Lever Cistern	AV2661WH
Rimless Seat Open Ring	SA1304WH



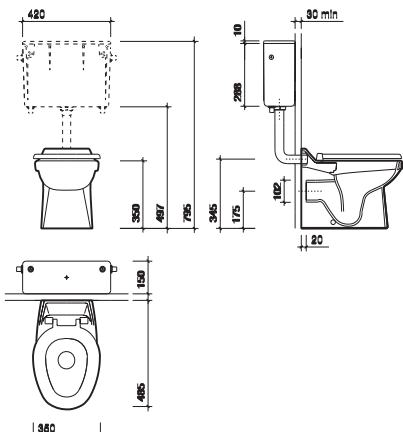
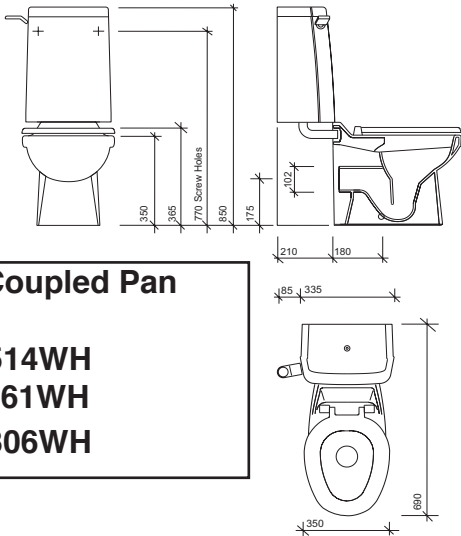
Sola 300mm School BTW Pan

Pan	SA1512WH
Concealed Cistern	CX9640XX
Air Button CP	CF9001CP
Rimless Seat Open Ring	SA1304WH



Sola Rimmless 350mm School Close Coupled Pan

Pan	SA1514WH
Lever Cistern	AV2661WH
Rimless Seat Ring	SA1306WH



Sola 350mm School BTW Pan

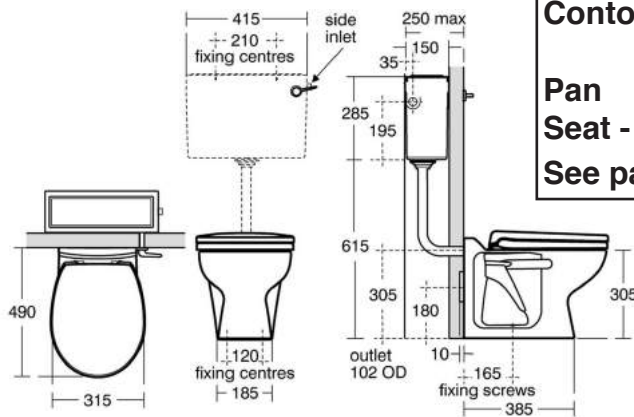
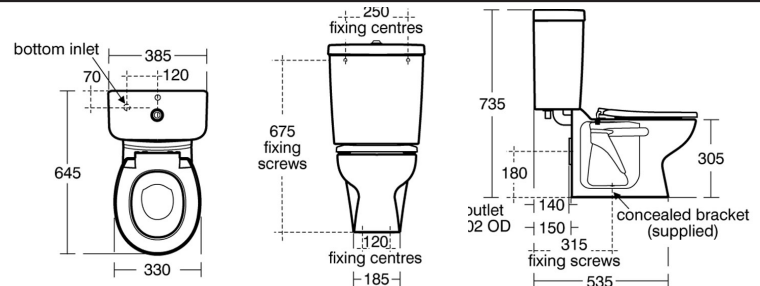
Pan	SA1514WH
Concealed Cistern	CX9640XX
Air Button CP	CF9001CP
Rimless Seat Ring	SA1306WH





Contour 21 305mm School Close Coupled Pan

Pan	S304601
6ltr Push Button Cistern	S306401
Contour 21 Ring Seat	S405701



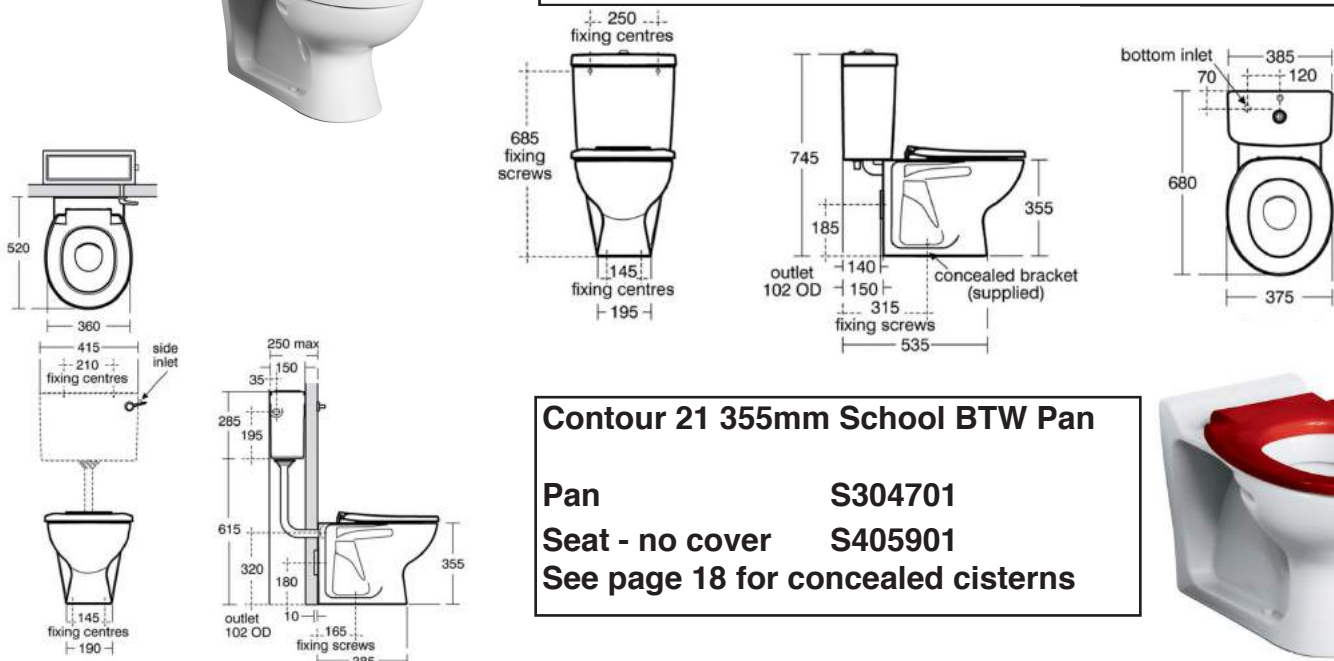
Contour 21 305mm School BTW Pan

Pan	S304601
Seat - no cover	S405701
See page 18 for concealed cisterns	



Contour 21 355mm School Close Coupled Pan

Pan	S304701
Contour 21 Ring Seat	S405901
See page 18 for concealed cisterns	



Contour 21 355mm School BTW Pan

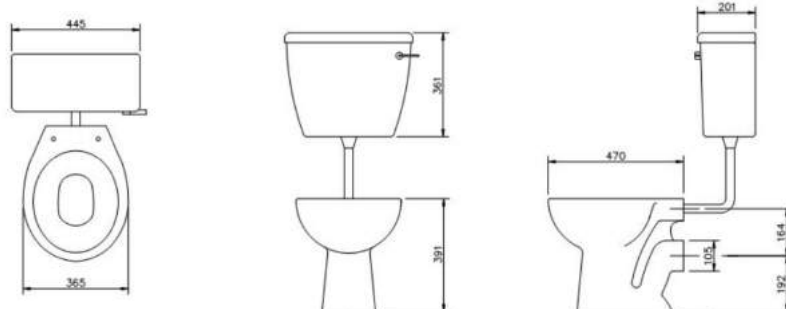
Pan	S304701
Seat - no cover	S405901
See page 18 for concealed cisterns	





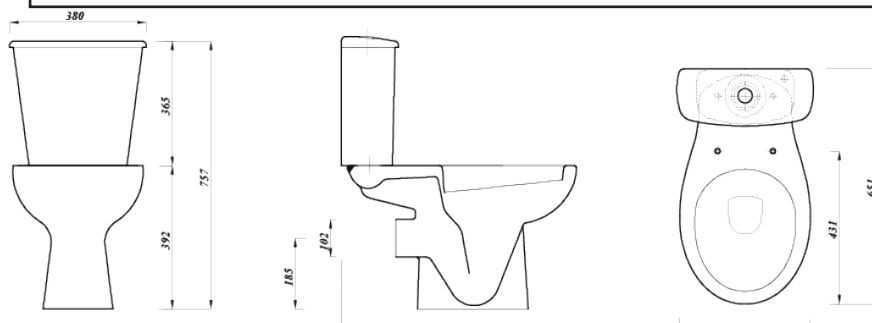
Atlas Low Level Pan - Lever Side Supply

Pan	ASWHLLPA
Cistern - Side Supply	ASWHLLBCI
Cistern - Bottom Supply	ASWHLLBILEV
Seat & Cover	STWHSSUNP



Atlas Smooth Close Coupled Pan and Cistern

Pan	ASWHSMMPA
Cistern - push button	ASWHSMCIPB
Standard Seat & Cover	STWHSSUNP

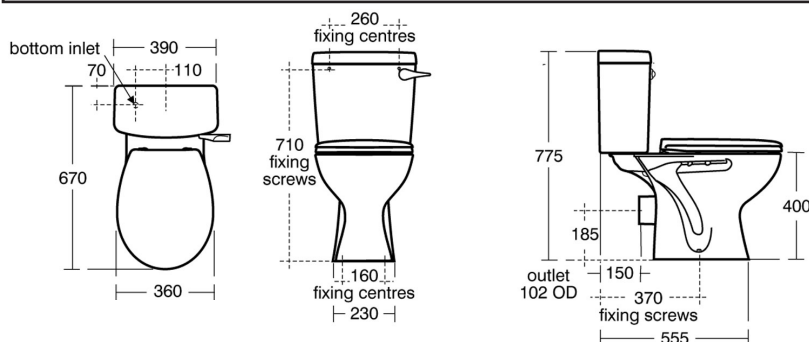


*Armitage
Shanks*



Sandringham 21 Close Coupled WC

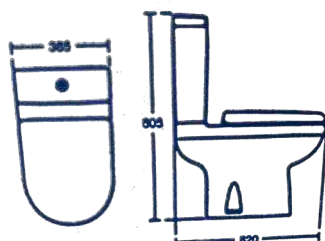
Pan	E896301
Push Button Cistern	E896601
Seat c/w Metal Hinges	E907401





Bari Close Coupled Toilet Pack

U349701



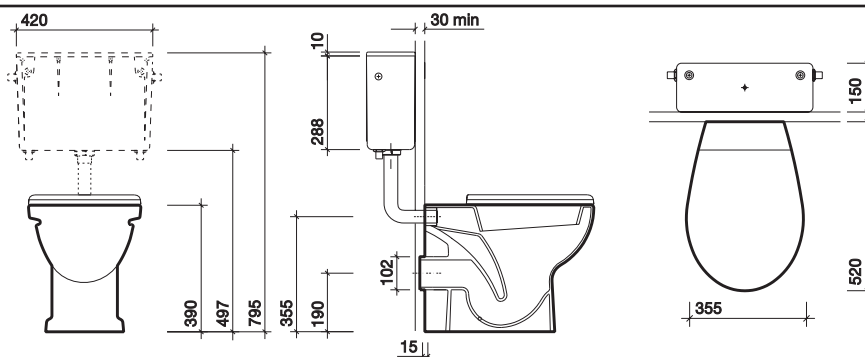
Twyford
Geberit Group



Alcona Close Coupled WC

Pan
Cistern
Seat & Cover c/w Metal Hinges

AR1148WH
AR2342WH
AR7815WH



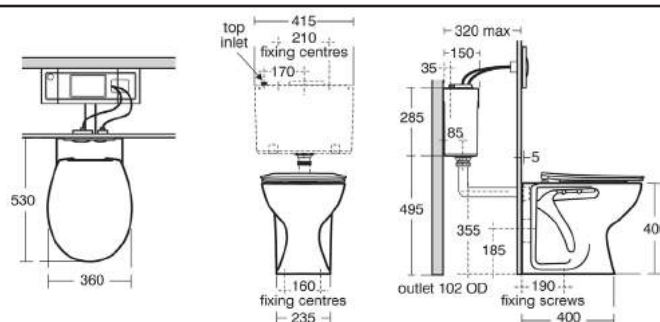
Armitage
Shanks



Sandringham 21 Back to Wall

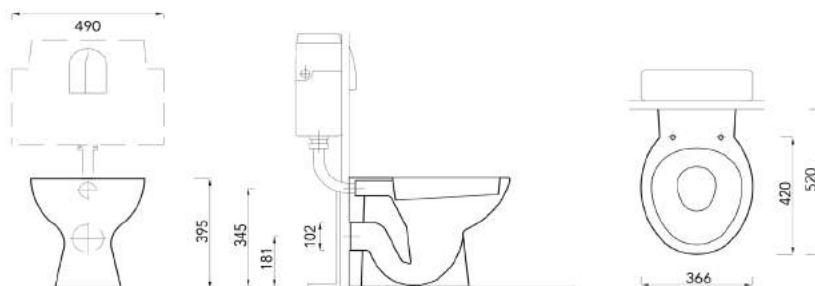
BTW Pan
Standard Seat & Cover c/w Metal Hinges

E897401
E907401





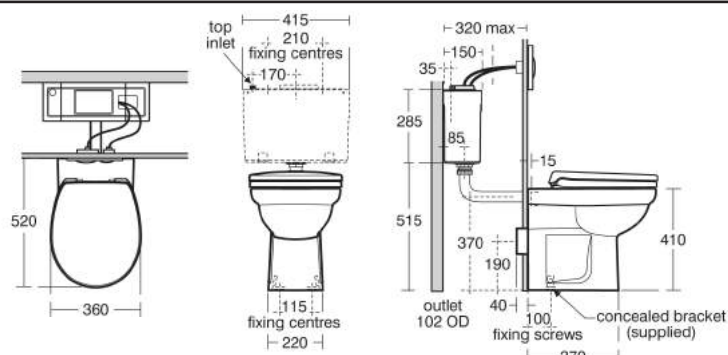
ASWHBWPA
STWHSSUNP



Armitage
Shanks



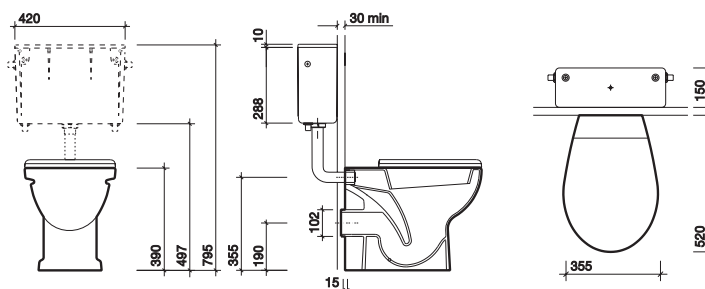
S305601
S406501



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BTW Pan	AR1438WH
Seat & Cover c/w metal hinges	AR7815WH



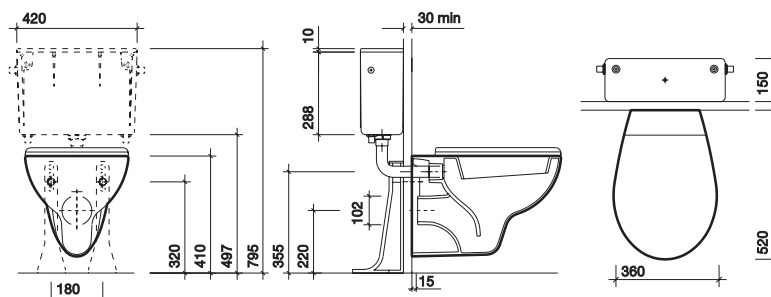
Twyford
Geberit Group

WC Suites



Alcona Wall Hung

Pan **AR1738WH**
Seat & Cover c/w metal hinges **AR7815WH**



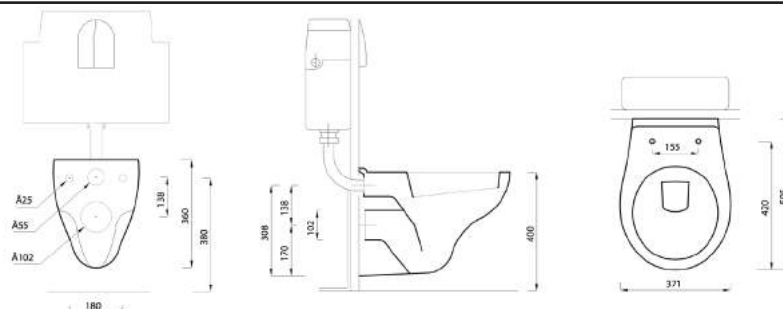
Lecico
bathrooms



Atlas Wall Hung

Pan **ASWHWHP**
Standard Seat & Cover **STWHSSUNP**

See Page for concealed cistern options



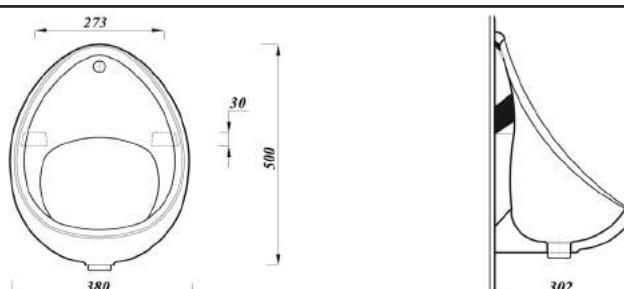
Lecico
bathrooms



Urinals

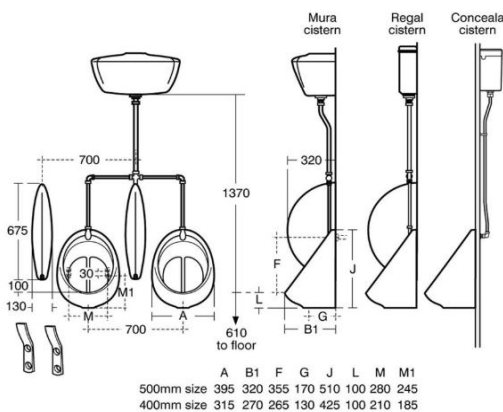
500mm Complete Urinal Pack Exposed
including fixings pipework, header tank and auto syphon

Single Bowl **UR50BOX1TOGO**
Two Bowl **UR50BOX2TOGO**
Three Bowl **UR50BOX3TOGO**
Four Bowl **UR50BOX4TOGO**





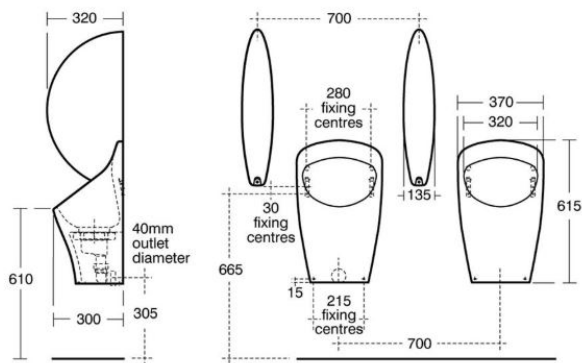
Sanura HygenIQ 50cm Wall Urinal	S6118
HygenIQ Splash Reducing Waste Urinal Hangers	S8849
Back Inlet Spreader	S9275
Urinal Division	S6286
	S6120



Urinals for junior use should be set at 510mm from floor to lip of bowl



Aridian Bowl Waterless Urinal	S6321
Replacement Cartridge	S6286
Urinal Division	S6120



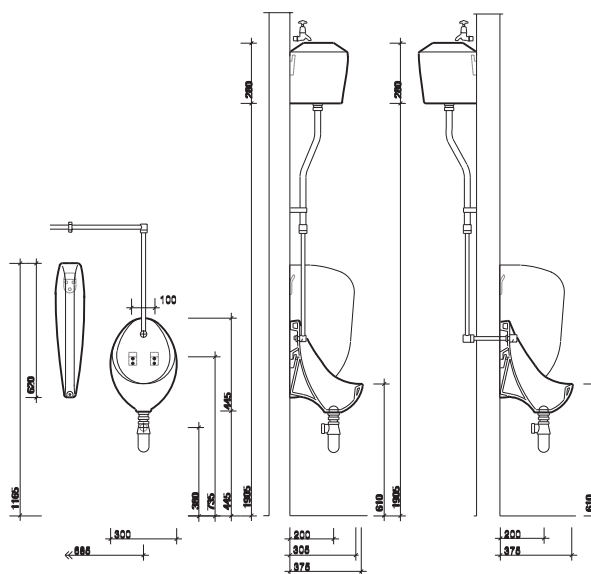


Clifton Urinal

VC7002WH

Urinal Wall Hangers Outlet Grating

SR5307XX
WF9370XX

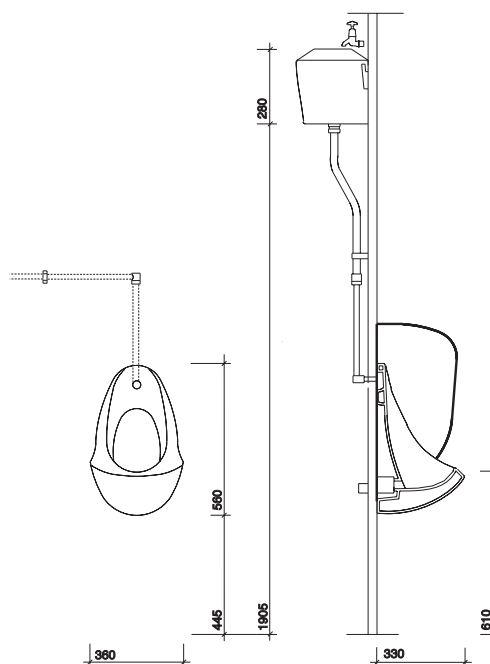


Spectrum Urinal

VC7004WH

Fixing Kit Inc Plastic Waste Waste Low Projection Conversion Kit

SR8096XX
WF4081XX



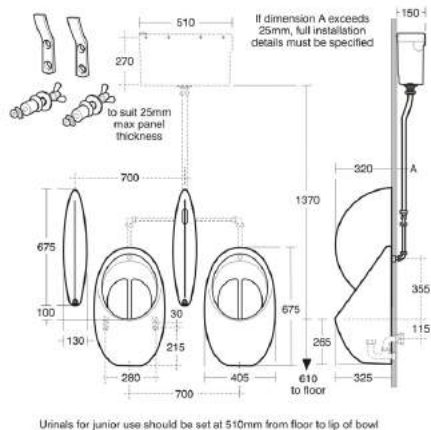
Urinals

*Armitage
Shanks*



Contour HygenIQ Concealed Urinal S6119

HygenIQ Splash Reducing Waste	S8849
Urinal Hangers	S9275
Back Inlet Spreader	S6286
Urinal Toggle Bolts	S9276



wirquin



Elan Concealed Plastic Auto Cistern

4.5ltr	CFE09WH
9.0ltr	CFE10WH
13.0ltr	CFE08WH

DUDLEY
Thomas Dudley Ltd.



**Kinetic Infrared Urinal Flushing Control
WD01005**

- Simple Push Button Set Up
- Wall or Ceiling Mounted Applications
- Battery or Main Powered
- Control Box can be remotely installed



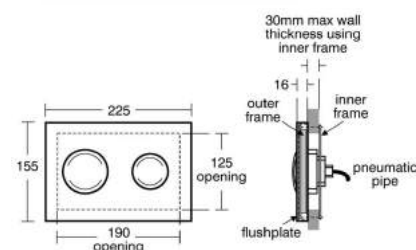
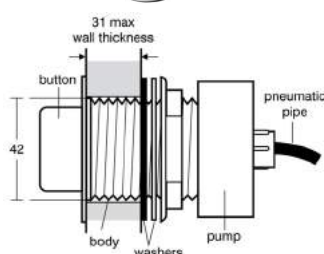
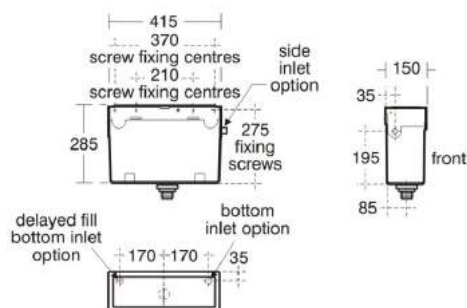
Cisterns & Frames



Conceala 2 Cistern - Water Saving Single Flush S364067

Pneumatic Palm Push Button S44643AA

Conceala 2 cistern 4/6 litre dual flush c/w flushplate S3625



DUDLEY
Thomas Dudley Ltd.



Electroflo WC for Concealed Cisterns

Innovative Infrared Electronic Water Saving WC Flushing System



Discreet 40mm Chrome Plated Sensor

**TRADE
INSTINCT®**



Compact Pre-Assembled Concealed Cistern

WI03005



Hideaway, concealed lever operated side entry cistern
Top access/ dual overflow
CFH14CP

TRADE
INSTINCT®



Instinct Slim 1.15m WC Frame c/w Square Flushplate and Cistern

Other sizes available

WI15015

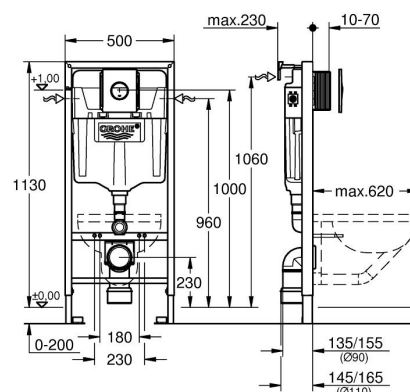


GROHE



Rapid SL 3 in 1 Frame, Cistern and Flushplate 1180mm

WI04015





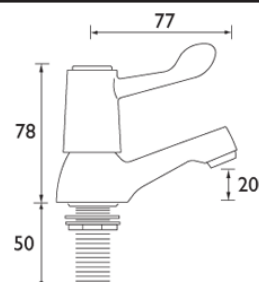
X Head Basin Taps

BG01007



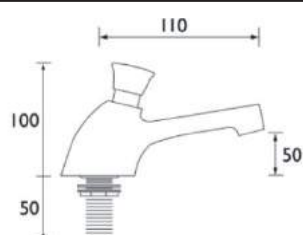
Lever Basin Taps

BG01001



Non Concussive Basin Taps

BG01028

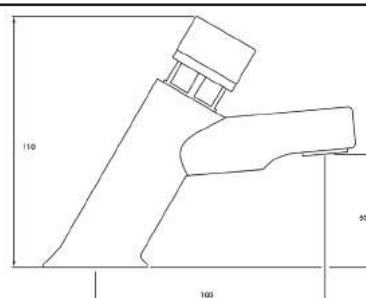


inta



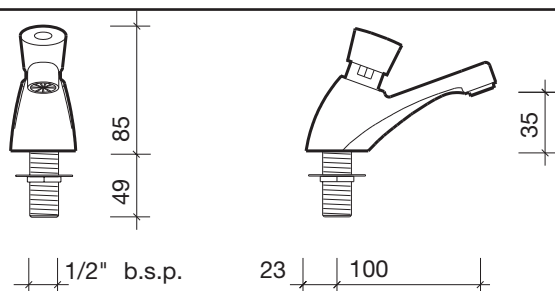
Contemporary Non Concussive Basin Taps

NC162CP



Non Concussive Tap

SF2152CP

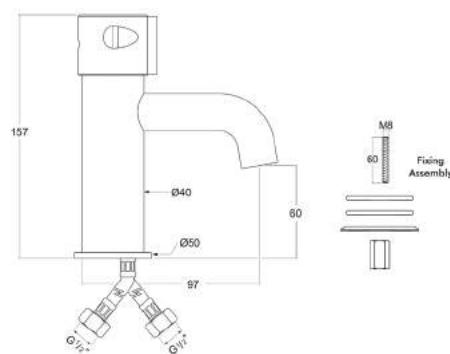


inta



Non Concussive Manual Mixer Tap

NC230CP

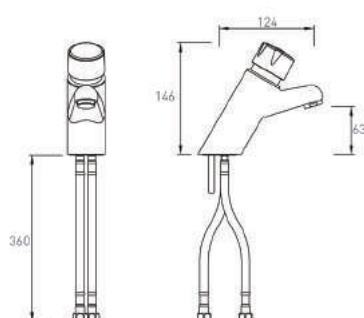


BRISTAN
TAPS & SHOWERS

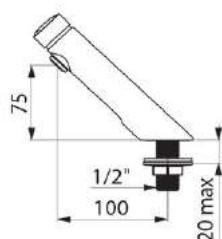


Timed Flow Temperature Control Basin Mixer

Z TC 1/2 C



DELABIE



Tempo Soft 2 Timeflow

740500



Avon 21 Non concussive Basin Taps

B8267AA

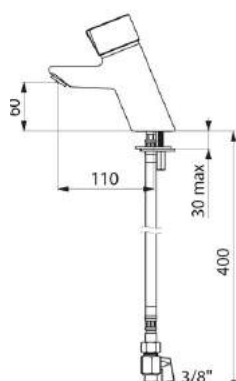


DELABIE



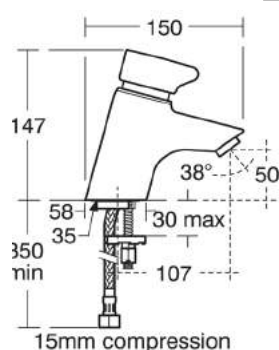
Tempomix Timeflow

740500



Avon 21 Non concussive Basin Mixer

B8263AA



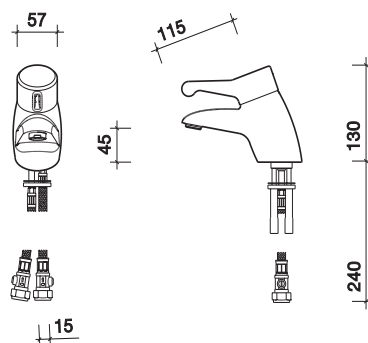
Brassware

Twyford
Geberit Group



Sola Thermostatic Monobloc Tap TMV3

SF1054CP

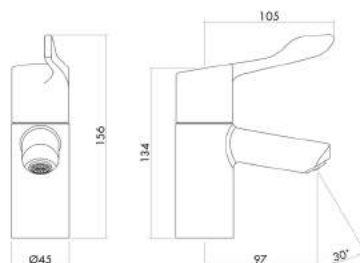


inta



Intatherm Thermostatic Basin Mixer

IT1008CP

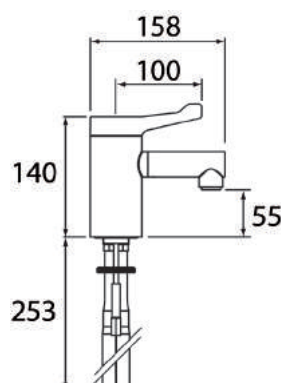


BRISTAN
TAPS & SHOWERS



Solo2 TMV3 Mono Basin Mixer with short lever handle

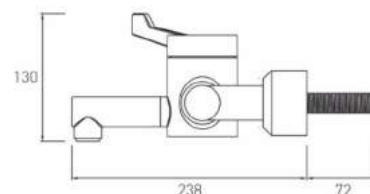
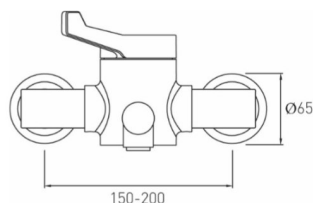
SOLO2-T3SL





Single Control Wall Mounted Hospital Basin Mixer

H64WMT2

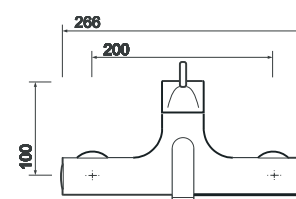
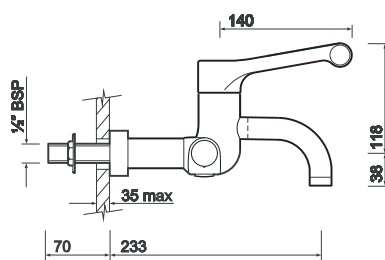


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 Geberit Group



Sola Thermostatic Wall Mounted Surgeons Mixer Lever

SF1131CP



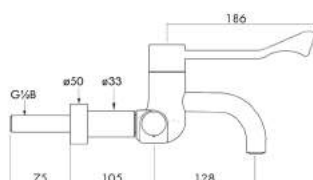
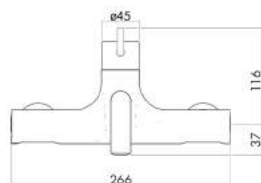
inta



Safe Touch Thermostatic Sequential Wall Mounted Tap

**HTM64
 HTMWMC**

- Conforms to Healthcare Performance Requirements (HTM64) and HTM04-01 addendum 2013
- Full Safe Touch body



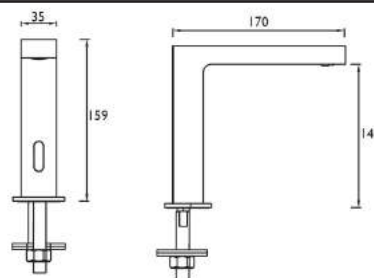
Brassware

BRISTAN
TAPS & SHOWERS



Infrared Automatic Swan Basin Spout

IRBS3-CP



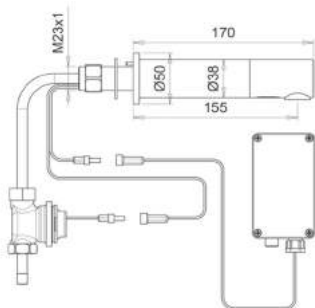
inta



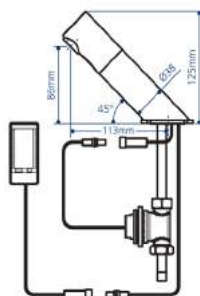
Wall Mounted Tubular Infrared Basin Mixer

Battery Operated
Mains Operated

IR270CP
IR271CP



DUDLEY
TD Thomas Dudley Ltd.



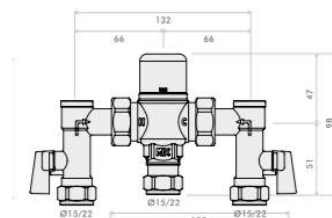
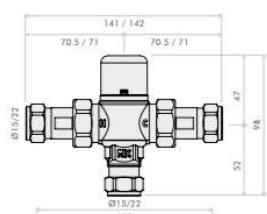
Electroflo Linear Infrared Mono Basin Mixer

inta



15mm Thermo Mixing Valve BV02015

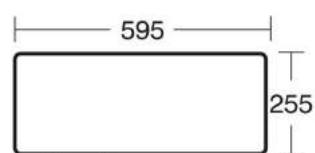
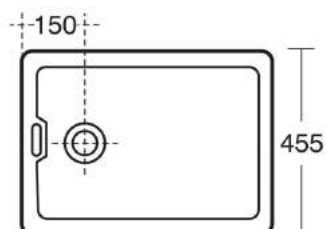
15mm Thermo Mixing Valve c/w
Service Valves 400MX15CP





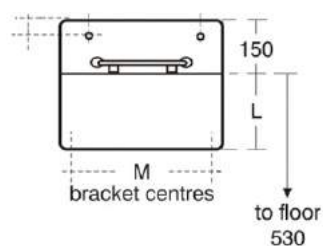
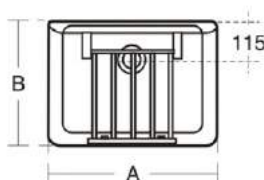
Belfast Sink 46cm x 38cm x 21cm
60cm x 46cm x 26cm

Stainless Steel Legs & Bearers



46cm Cleaners Sink c/w Grate WA05003

Stainless Steel Legs & Bearers WL01630



	A	B	L	M
46cm	455	390	205	375
51cm	510	390	230	435

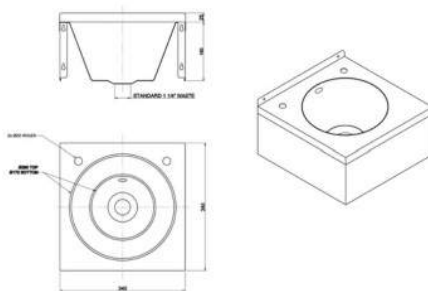


Chrome Plated Crosshead Bib Tap BG01027

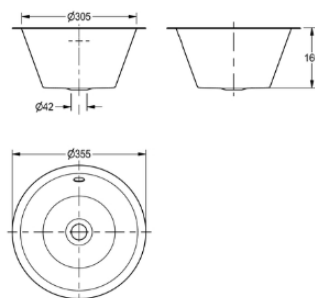
Stainless Steel



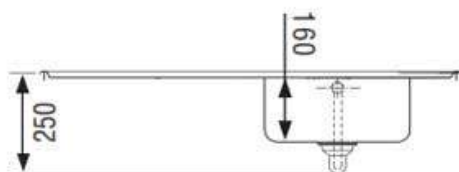
Model A Basin KT05002



RB1 Sink KT05001



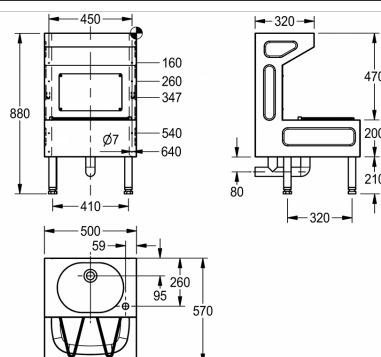
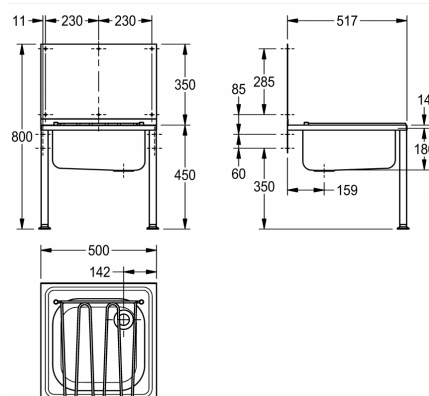
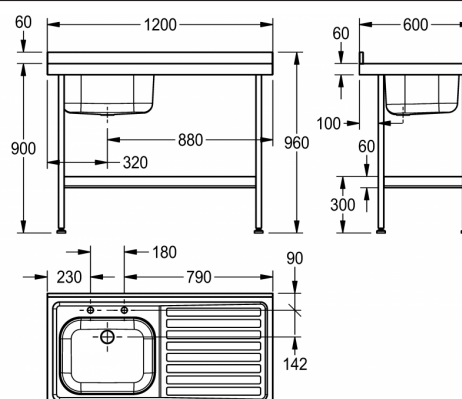
Lexin 950x485 Sink
LH KT02004
RH KT02003



DELABIE



Stainless Steel Wall Mounted Trough Urinal
All sizes available made to order


Janitorial Unit

Bucket Sink KT05005

Catering Sink 1200x600
LH KT03008
RH KT03009
Stand and Shelf KT03010


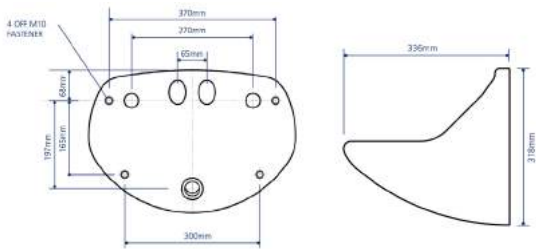
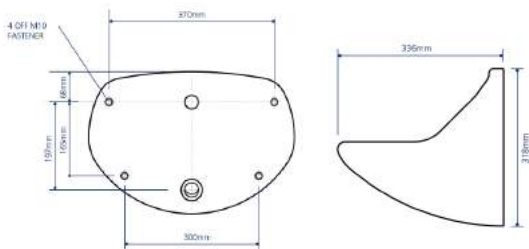
The Dudley Resan range is made to withstand the hardest of treatment in prisons, detention centres, hotels, night clubs, sports stadia and other public areas where there may be the potential for vandalism. Engineered using an advanced polymer resin material, they are shatterproof, exceptionally durable, chemical resistant and offer an aesthetically pleasing alternative to stainless steel.



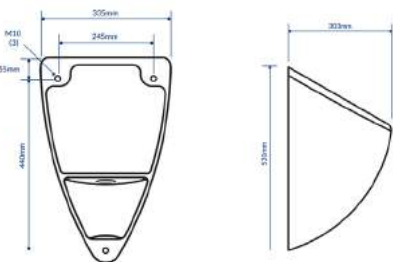
Resan Single Spout Basin



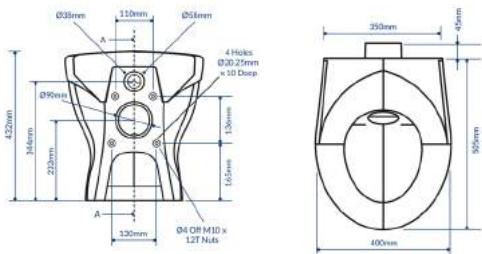
Resan Double Spout Basin

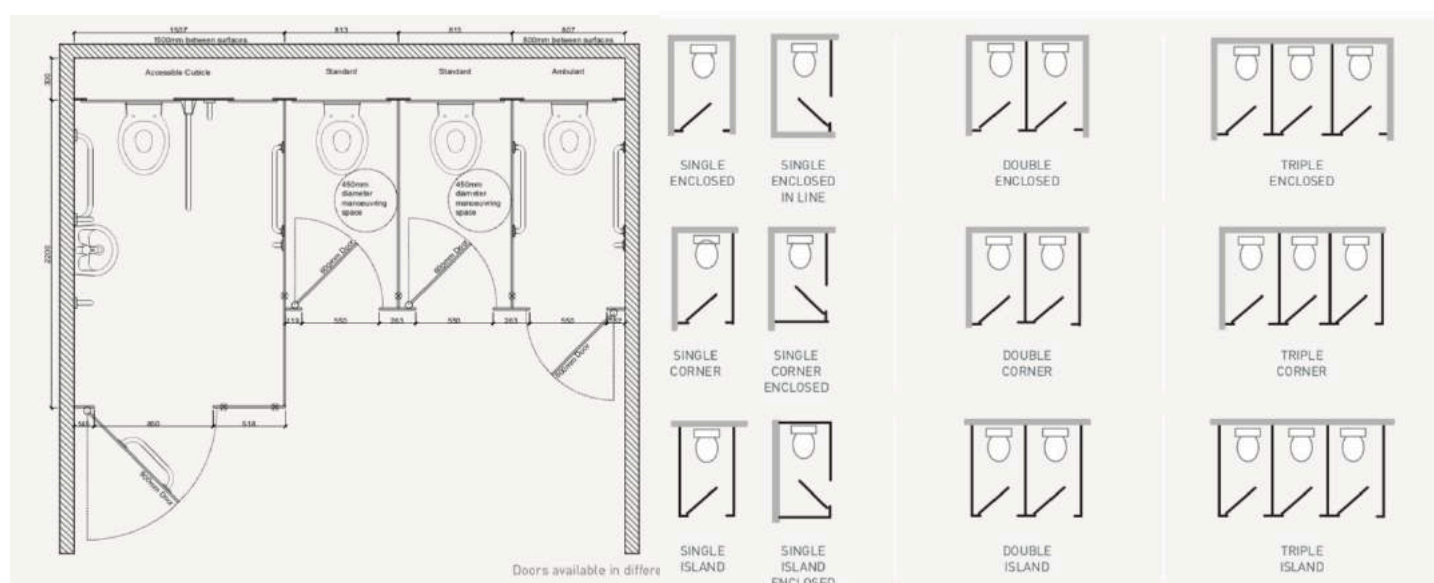


Resan Urinal



Resan WC Pan





Providing top quality cubicles to the following sectors:

Education

Holiday Parks and Camping

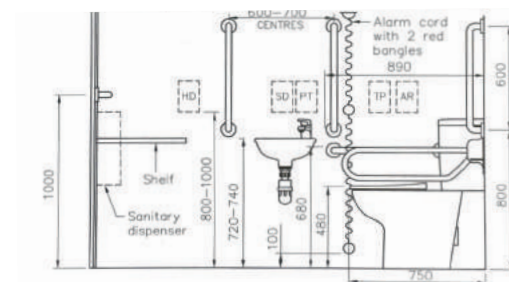
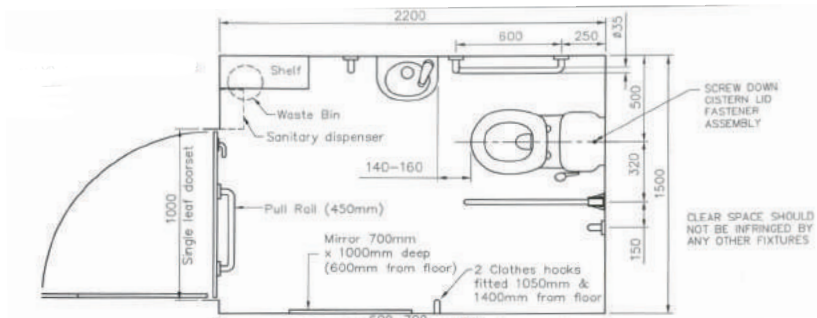
Healthcare

Sports and Leisure

Office and Commercial

Public Sector and Government

Adaptations



Twyford
Geberit Group

**Doc M Rimmless Value Pack
PK8145**
Available in multiple colours



Ideal
STANDARD



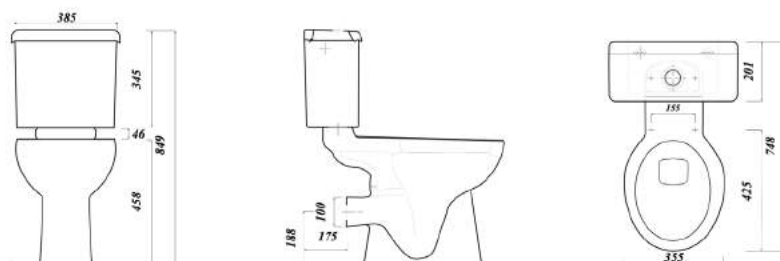
**Contour 21 Doc M Pack
S6966**
Available in multiple colours

**Monaco Doc M Pack
S7075**
Available with white and blue rails

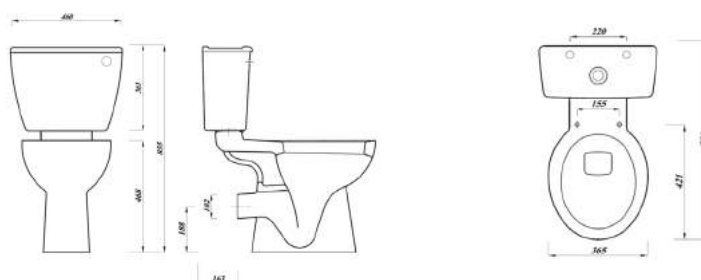




Atlas Raised Height Push Button Close Coupled WC

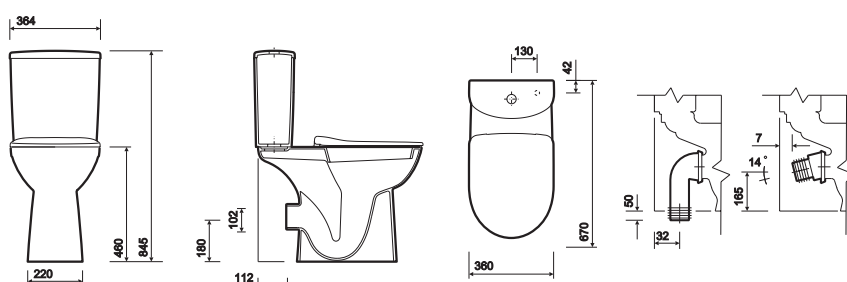
WL01622


Atlas Raised Height Close Coupled Lever WC

WL01625

Twyford
 Gebert Group

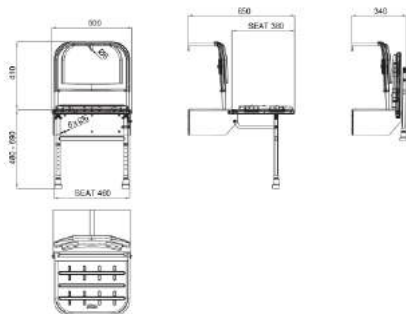
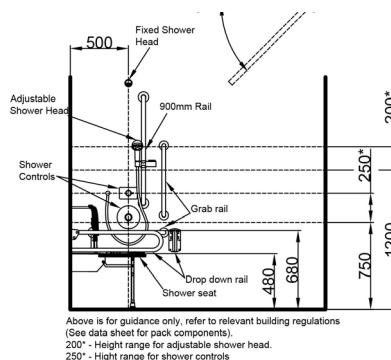
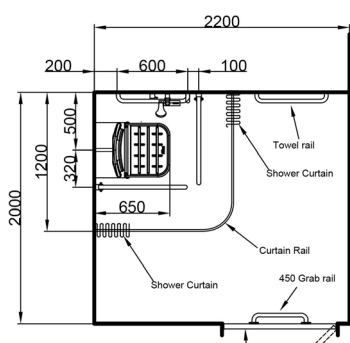

E100 Raised Height WC Suite

Pan	E11348WH
Cistern	E12590WH
Quick Release Seat	E17868WH
Standard Seat	E17815WH

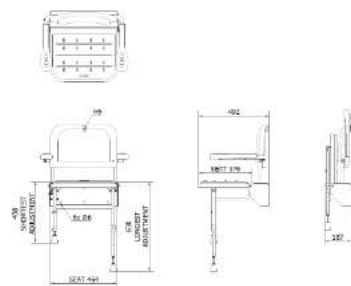




Includes; 1 x Concealed TMV3 thermostatic sequential shower kit, 2 x 800mm Lift & lock stainless steel hinged rails, 3 x 600mm Stainless steel grab rails, 1 x 450mm Stainless steel grab Rail, 1 x 900mm Stainless steel grab Rail, 1 x Slider bracket, 1 x 1200mm x 1200mm Shower Rail, 2 x 1800mm x 2000mm Weighted Shower Curtains, 1 x Doc M shower seat with legs and 1 x Robe hook



Available with Grey or Blue Pads
SB085



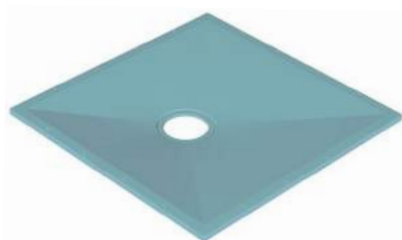
Available with Grey or Blue Pads
SB081

Adaptations



Grab Rails

- Full range of grab rails available from 300mm to 700mm including hinged support arms for wc use.
- Bespoke sizes also available.
- Available in a full range of colours and stainless steel



Level access shower trays

Sizes available –

900x900mm
 1000x1000mm
 1300x800mm
 1400x900mm
 1500x800mm



Full range of half height doors
 available made to order

inta

Trade Tech TMV2 Thermostatic Bath Shower Mixer

TR30024CP



Adaptations



SmartCare Plus Electric Care Shower

- Thermostatic Control and Phased/Auto Shutdown
- Easy push-button controls: Power, Temperature, Flow
- 2m hose, 150kg load-bearing riser rail with easy-adjust multi-mode shower head
- RNIB Tried and Tested and BEAB CARE Certified
- 3 year warranty
- Available in white (matt anti-glare finish)
- Fully approved by the Bathroom Manufacturers Association (BMA) as a Water Efficient Product



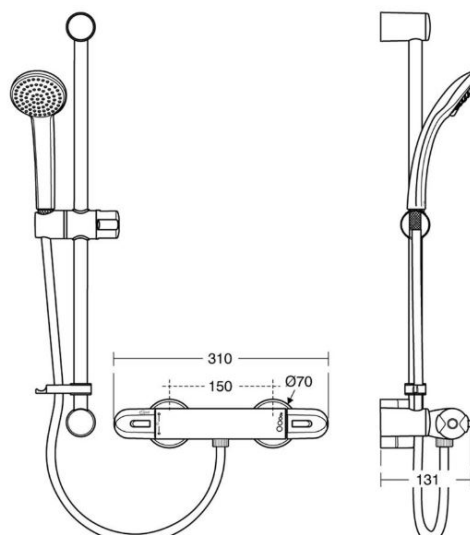
Showers

*Armitage
Shanks*

Alto EV Thermostatic Exposed Shower

- Single function idealrain hand spray
- Excellent flow rate, even at low pressure
- Safety stop
- Temperature limit stop
- Cool body
- Time saving fast-fix brackets

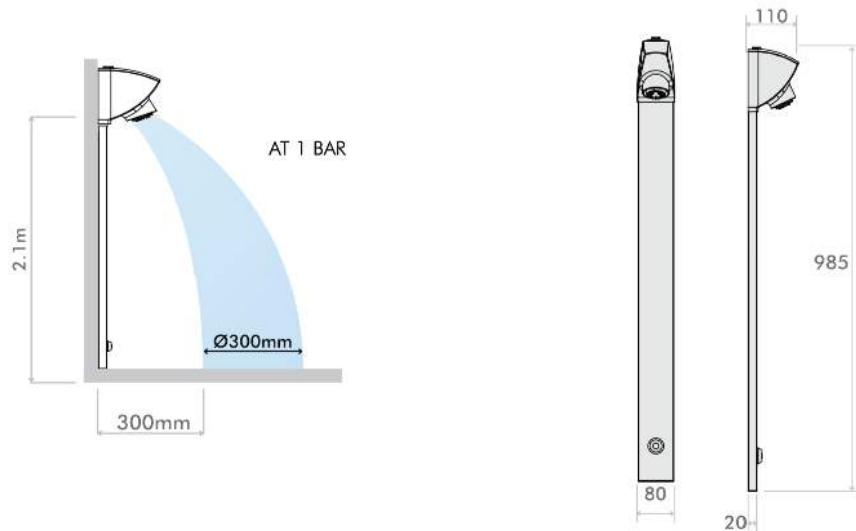
A5985AA



iSPORT



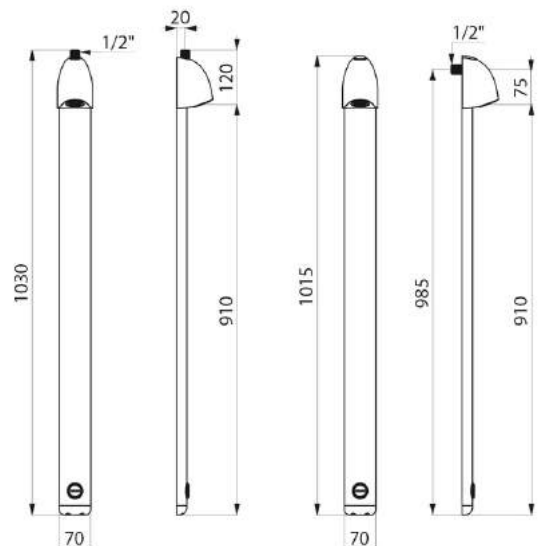
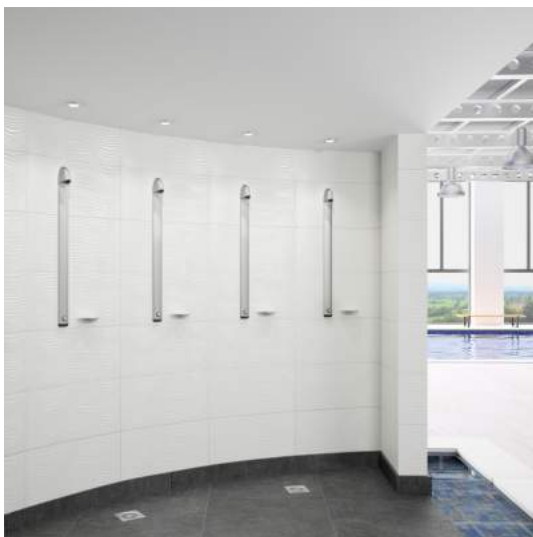
- i-sport shower panel top inlet connection with push button timed flow control and shower head SP9206CP
- i-sport shower panel back inlet connection with push button timed flow control and shower head SP9207CP
- Top or back inlet connection
- 8 Litres per minute flow regulator
- Directional control shower head
- Anti limescale rub-clean head



DELABIE

Sporting 2 Shower Panel 714700

- Adjustable connector for top or back inlet
- Soft touch operations
- Tamper-proof fixed shower head, with scale-resistant nozzle and automatic flow rate regulation.
- Intergrated stopcock
- Flow rate 6 litres per minute at 3 bar
- Adjustable spray angle can be locked in place



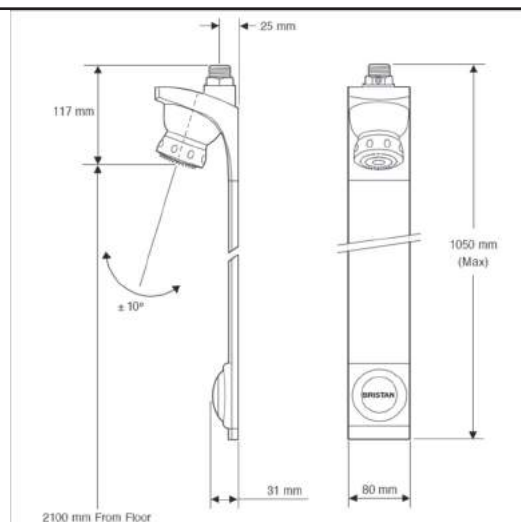
BRISTAN
TAPS & SHOWERS



Push Button Timed Flow Shower Panel

- Water saving push button operation with timed flow
- Vandal resistant shower head
- Adjustable spray angle
- Easy installation

TFP4001

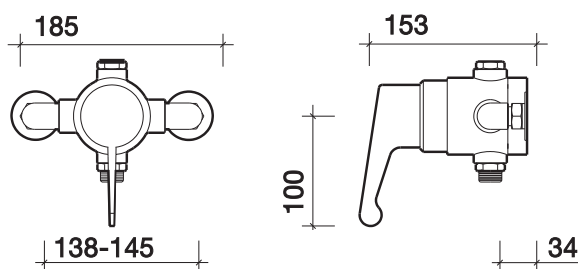


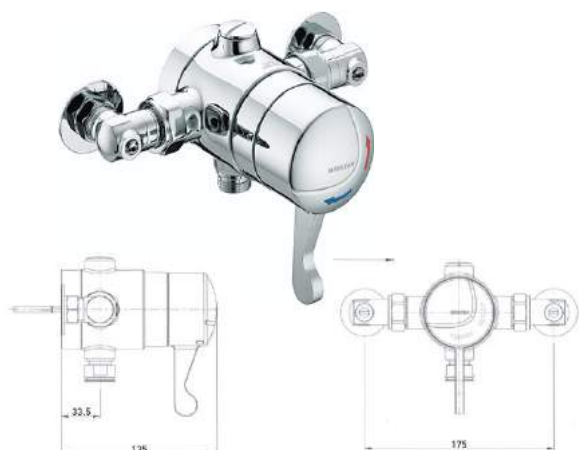
Twyford
Gebert Group

Sola Thermostatic Exposed Shower Valve Bottom Outlet

SF1136CP

- Operating Pressure Range of 0.2 to 5 Bar
- Suitable for use with unvented supplies, combi boilers, gravity and mains pressure systems





Opac Thermostatic Exposed Shower Valve with Chrome Lever & Isolation Elbows

- Isolation elbows included as standard
- Single sequential control for both temperature and flow
- High performance at pressures as low as 0.2bar

OP TS1503 ISOL C

inta

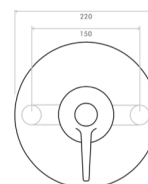
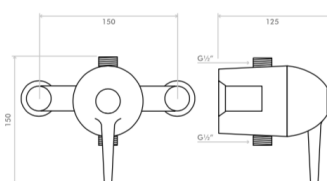


Acura Exposed top/bottom outlet sequential control

- Anti-scald thermostatic technology with instant shut-off of the shower if the hot or cold water supply fails
- Inclusively designed product permits full use of the shower for less-able users
- Raised temperature indicators finished with contrasting matt and polished chrome to aid visually impaired users
- Fully compliant with D08

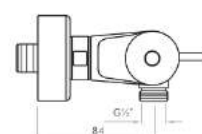
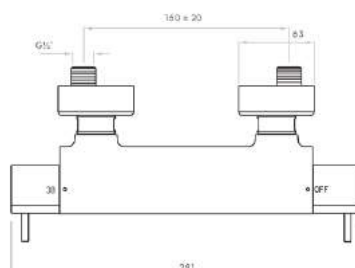


90092CP Acura Concealed sequential control



ST10010CP Acura Safe Bar Thermostatic Bar Shower

- Anti-scald thermostatic technology with instant shut-off of the shower if the hot or cold water supply fails
- Lever operated controls to aid functional use less-able users
- Safe touch technology, surface temperature will always remain cool to touch
- Fully compliant with D08

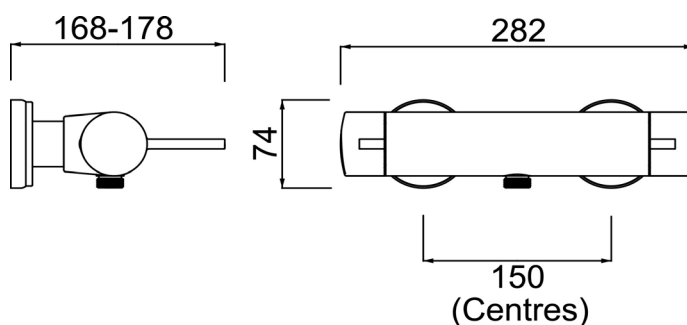




Opac Thermostatic Exposed Bar Shower Valve with Chrome Levers and Fast Fit Connections

- Cool Touch shower valve body for ultimate user safety
- Easy installation with self-isolating wallmount 12 fixing kit
- Integral flushing mechanism for easy maintenance
- Minimum operating pressure 0.5bar

OP SHXVO ISOL EL C

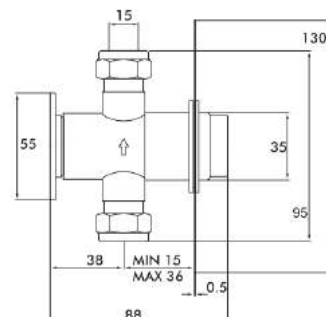
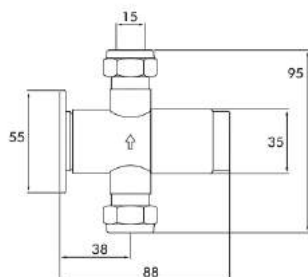


inta



Time Flow Shower Exposed and Concealed TF992CP/TF997CP

- Simple operation
- Closes automatically
- Water economy
- Non concussive operation
- Operating pressure range of 0.1 to 5 bar
- Exposed, Concealed and Cross-wall options available

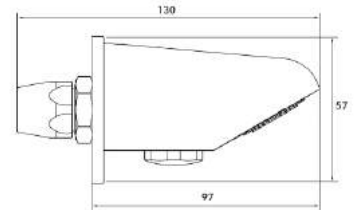


inta



**Vandal Resistant Standard Shower Head -
with back or bottom connection**

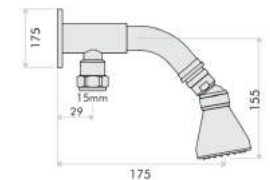
- Vandal Resistant Shower Head
- Suitable for Exposed or Concealed Connections
- WRAS Approved



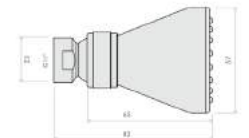
Intacept Back Entry Shower Arm



**Intacept Bottom entry Shower with Rub Clean
Shower Head**



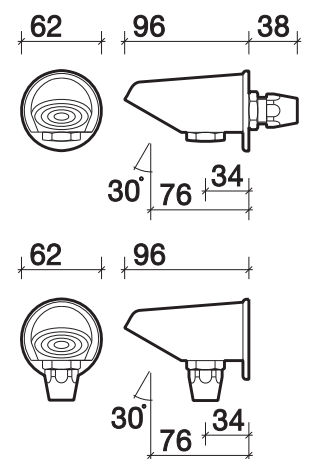
Intacept Rub Clean Shower Head



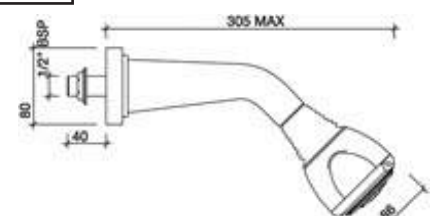
Twyford
Geberit Group



Sola Shower Vandal Resistant Head SF1253CP



Sola Fixed Shower Head SF1202CP



Showers

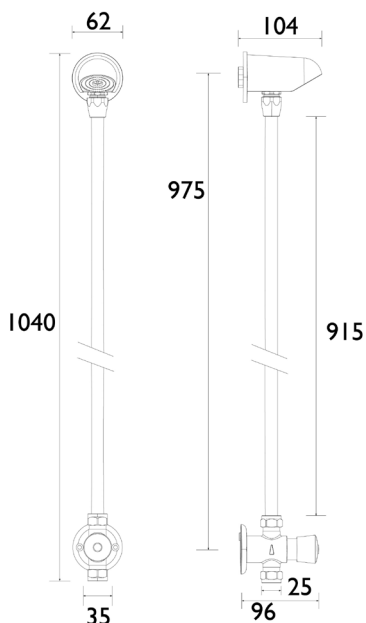
BRISTAN
TAPS & SHOWERS



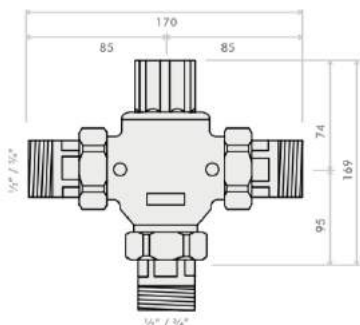
Exposed Time Flow Control Shower With Fixed Head

- Supplied pre-plumbed and ready for connection to a pre-blended supply
- Water economy push button operation with 25 second constant flow (+5/-10 secs)
- Vandal resistant showerhead with adjustable spray trajectory and a choice of spray rings
- Minimum operating pressure 0.1bar

MEFC-PAK



inta



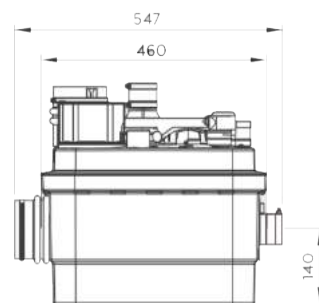
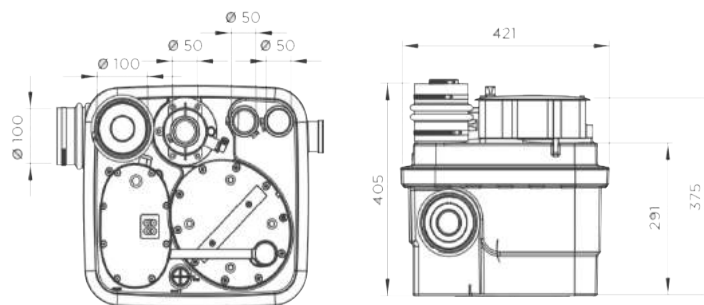
Intamix - Group Mixing Valves

- 60001CP
intamix pro 1/2" with screwed iron m x m x m and check valves
- 60003CP
intamix pro 3/4" with screwed iron and check valves
- 60004CP
intamix pro 1" with screwed iron and check valves
- 60005CP
Intamix pro 1 1/4" with screwed iron and check valves
- 60006CP
intamix pro 1 1/2" with screwed iron m xm xm
- 60023CP
intamix pro 1 1/4" with screwed iron m xm xm
- 61022CPB
intamix pro v 22mm with isolating unions
- 61028CPB
intamix pro v 28mm with isolating unions

Macerators

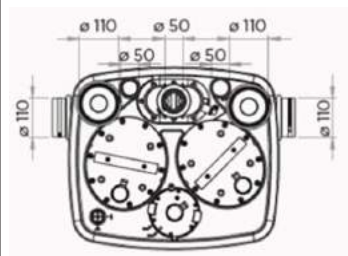
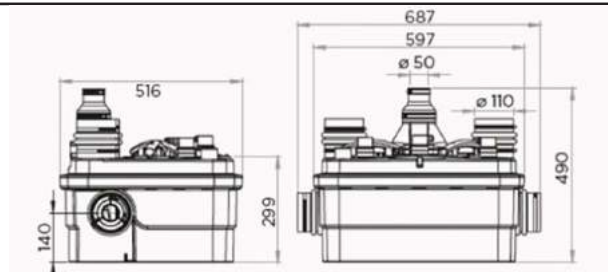
Sanicubic 1

- Ideal for busy business environment and large domestic situations
- For use with WC, wall hung WC's, wash basin, bath, bidet, washing machine, dishwasher and sink
- The sanialarm is fitted to this as standard



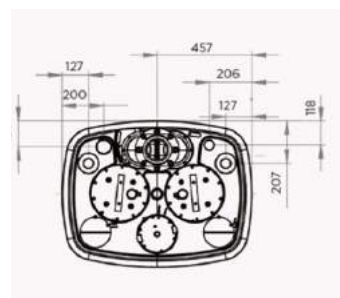
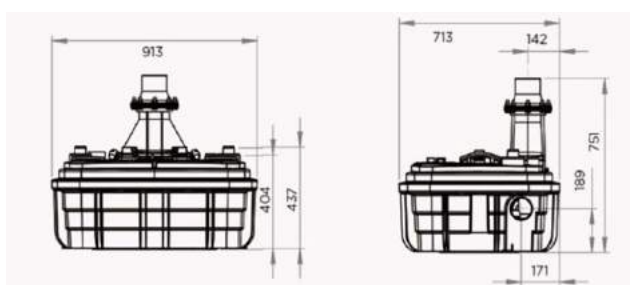
Sanicubic 2 Pro

- Ideal for busy business environment and large domestic situations
- For use with WC, wall hung WC's, wash basin, bath, shower, power shower, bidet, washing machine, dishwasher and sink
- The sanialarm is fitted to this as standard
- Sanicubic 2 classic available



Sanicubic 2 XL Single phase

- Ideal for large volume commercial situations
- For use with WC, wall hung WC's, wash basin, bath, shower, power shower, bidet, washing machine, dishwasher and sink
- The sanialarm is fitted to this as standard
- 3 phase option available



• If connected to a kitchen sink a grease trap must be fitted

Rinnai Water Heaters



	HDC1200i Condensing Water Heater	HDC1500i Condensing Water Heater	HD55i Low-Nox Water Heater	HDC1600i Low-NOx Condensing Water Heater
Installation	Internal Wall Mounted	Internal Wall Mounted	Internal Wall Mounted	Internal Wall Mounted
Height	721.6mm	721.6mm	583mm	670mm
Width	470mm	470mm	357mm	470mm
Depth	256.9mm	256.9mm	236mm	222mm
Weight	31Kg	31Kg	21Kg	28Kg
Exhaust System	Room Sealed	Room Sealed	Room Sealed	Room Sealed
Flue Size	80/125mm	80/125mm	80/125mm	80/125mm
Max Flue Run	15Mm (Less 2M Per 90° Bend & 1M Per 45° Bend)	15Mm (Less 2M Per 90° Bend & 1M Per 45° Bend)	7M (Less 2M Per 90° Bend, Max Number Of Bends In 2)	15M (Less 2M Per 90° Bend, Max Number Of Bends Is 3)
Temperature Range	37°C - 85°C	37°C - 85°C	40°C - 85°C	40°C - 85°C
Temperature Accuracy	-1 / +1 From The Appliance	-1 / +1 From The Appliance	-1 / +1 From The Appliance	-1 / +1 From The Appliance
Ignition Method	Direct Electronic	Direct Electronic	Direct Electronic	Direct Electronic
Gas Consumption	Natural Gas 48.3 Kw Max Propane 47.6 Kw Max	Natural Gas 59.5 Kw Max Propane 58.8 Kw Max	58.4Kw	Natural Gas 58.4 Kw Lpg 56.6 Kw
Hot Water Delivery Capacity	20.4 Ltr/Min Raised 33°C 13.8 Ltr/Min Raised 50°C	24.0 Ltr/Min Raised 33°C 15.6 Ltr/Min Raised 50°C	28 Ltr/Min Raised 25°C 14Ltr/Min Raised 50°C	25.2 Ltr/Min Raised 33°C 16.2 Ltr/Min Raised 50°C
Min Operation Water Flow	2.4 Ltr/min	2.4 Ltr/min	2.4 Ltr/min	2.4 Ltr/min
Nominal Operating Pressure	1-10 bar	1-10 bar		1-7 bar
Power Supply	230V Ac 50hz 1ph	230V Ac 50hz 1ph	230V Ac 50hz 1ph	230V Ac 50hz 1ph
Electrical Consumption	66W Normal 100W Max (Frost Protection)	66W Normal 100W Max (Frost Protection)	120W Max (Frost Protection) 97W Normal	100W Max (Frost Protection) 66W Normal

SmartTherm Cylinder

Connection Sizes & Safety	300	400	500	600	800	1000	1500
Hot & Cold Conn. Ø BSP F (")	1.5	1.5	1.5	1.5	2	2	2
Coil Connection Ø BSP F (")	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Secondary Return Ø BSP F (")	1.25	1.25	1.25	1.25	1.25	1.25	1.5
T&P Connection Ø BSP F (")	0.75	0.75	0.75	0.75	0.75	0.75	1
T&P Press. Set. (bar)	7	7	7	7	7	7	7
3 bar Exp. Relief Set. (bar)	6	6	6	6	6	6	6
Performance	300	400	500	600	800	1000	1500
Heat Up Time ΔT 50°C (min)*	23	26	30	39	48	62	74
Hot Water Capacity (ltr)	245	365	471	573	727	1059	1308
1 st Re-Heat time (70% dr. off) 60L/m	17	20	27	34	31	39	51
2 nd Re-Heat time (70% dr. off) 30L/m	24	28	37	44	48	57	73
3 rd Re-Heat time (70% dr. off) 15L/m	36	41	54	71	78	88	131
Weight Empty (kg)	82	87	104	136	220	230	267
Weight Full (kg)	365	466	589	723	967	1309	1617
Prim. Coil Surf. Area (m ²)	1.54	1.97	1.97	1.97	2.86	2.86	4.73
Prim. Coil Rating @ 60L/min (kW)	49	57	57	57	73	73	98
Prim. Coil Rating @ 30L/min (kW)	35.6	42	42	42	50	50	66
Prim. Coil Rating @ 15L/min (kW)	23	29	29	29	31	31	35.12
Prim. Coil Pr. Drop @ 15L/hr (mbar)	21	29	29	29	18	18	16
Prim. Coil Pr. Drop @ 30L/hr (mbar)	32	38	38	38	75	75	55
Prim. Coil Pr. Drop @ 60L/hr (mbar)	290	310	310	310	430	430	240
Cont. Output @60°C ΔT 50°C (L/hr)	685	765	765	765	829	829	1015

* Primary flow rates at 30L/m are based on a flow temperature of 80°C \pm 2°C

Testing is carried out to BS EN12897:2006





		ECH32-220GCE	ECH33-370GCE	ECH52-370GCE	ECH63-370GCE	ECH87-480GCE	ECH106-480GCE	ECH129-480GCE
Nominal Input (net)	kW	29.4	30.5	47.8	57.9	79.3	96.6	118
Nominal Input (gross)	kW	32.7	33.9	53.1	64.4	88.1	107	131
Gas Flow Rate (natural gas)	m3/hr	3.1	3.2	5	6	8.3	10.1	12.3
Nominal Output	kW	31.5	33.3	51.2	61.5	85.7	102	124
EFFICIENCY DATA-Part L2								
Seasonal Efficiency (Part L2 Gross CV)	%	96	98	96	95	97	95	95
EFFICIENCY DATA-ErP and Energy Label								
Ecodesign Energy Label rating		A	A	A	A	n/a	n/a	n/a
Water Heater efficiency	%	91	91	91	90	93	93	92
GENERAL DATA								
NOx emission @0% O2	mg/kWh	24	32	36	37	34	36	37
Recovery Rate @ 44°C	l/hr	610	640	990	1200	1700	2000	2400
Recovery Rate @ 50°C	l/hr	540	570	870	1100	1500	1800	2100
Recovery Rate @ 56°C	l/hr	480	510	780	930	1300	1600	1900
Dimensions (height)	mm	1390	1925	1925	1925	2060	2060	2060

Product features include:-

- Integral storage with capacities from 220 to 488 litres
- Hot water recovery rates from 540 to 2100 litres/hour (based upon a temperature rise of 50°C)
- Fully modulating pre-mix burner
- Multiple flue options including conventional or room sealed
- Suitable for Natural Gas or LPG



Powerflow Unvented Multipoint

30, 50 and 90 Litre

Suitable for hand washing and dish washing where a number of hot water outlets are required e.g kitchens, schools, restaurants, washrooms and offices.

3-5 basins: 30ltr

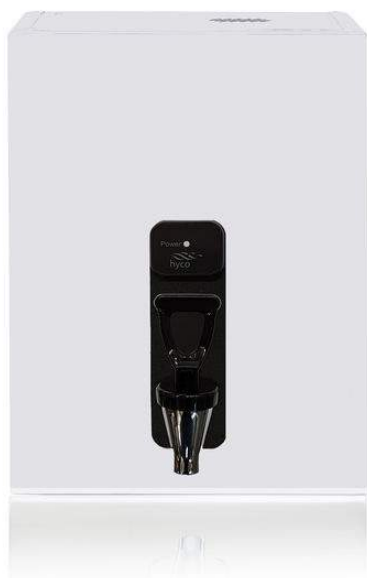
4-6 basins: 50ltr

6-10 basins or 1 bed/1 shower: 90ltr

Speedflow Unvented - Glass Lined Tank

5, 10 and 15 Litre

Ideal for use in cloakrooms, kitchens in offices, shops, student accomodation and domestic premises which have been extended and there is no hot water system near by.



Microboil - Wall Mounted Boiling Water Heater

3, 6, 8, 16 and 25 litre

- **Time saving – provides instant hot water so no need to wait for the kettle to boil**
- **Space saving – frees up worktop space by eliminating the need for a kettle**
- **Energy saving – no energy wasted boiling more water than is required**
- **Available in white or stainless steel finish**
- **Simple to use and easy to install**
- **Heavy duty catering style chrome tap with lock-on option**



Econoboil -

3 and 5 Litre

Wall mounted instant boiling water appliance, with twin chamber boiling water steam-heat-boost™ technology to recycle energy from steam to pre-heat the incoming cold water and thermostatic temperature control. Incorporating a copper boiling water chamber and equipped with an external two-way classic tap.



Aquapoint III - Oversink & Undersink Water Heaters

5, 10 & 15 litre.

- Glass lined steel inner container tested to 12 bar
- Sacrificial anode for protection against corrosion.
- Element 'ON' neon indicator.
- External temperature control with frost protection.
- Single or multiple outlets

Boosted Water Pumps



Aquaboost bespoke packaged pump systems are designed and built to individual customer and project requirements. They can be supplied for plant rooms on standard bases or 'framed', supplied in above ground GRP cabinets or alternatively within subterranean pods and incorporate water storage if required.

Aquaboost iBoost provides a boosted cold water supply of up to 100 litres per minute and up to 4.5 bar pressure, with a typical performance of 60 litres per minute at 3.0 bar pressure.

This reliable compact system will sit neatly within any standard 600 mm kitchen larder cupboard or alongside other household white goods.



Aquaboost Booster Sets are capable of boosting cold water supplies and providing flow rates up to 260 litres per minute and heads up to 90 meters. A range of booster sets, all designed to provide higher water pressure and flow to multiple outlets and supplied ready to install.

The **Aquaboost 'In-Tank'** range of automatic variable speed booster systems offers a compact, very quiet and simple to install solution for a range of domestic and commercial applications.

Available with 600 - 1500 litre capacity, with flow rates up to 266 litres/minute and heads up to 80 metres.



ideal
COMMERCIAL

5 YEAR
WARRANTY*



Evomax 30 - 150kW

- Robust & light aluminium silicon alloy heat exchanger
- Up to 110% part load efficiency
- High 5:1 turndown
- Compact – one width & height for easy siting
- Simple controls interface with large backlit display
- Comprehensive range of flue, fixing and control options
- Designed for easy installation, commissioning and servicing
- LPG variants available, 30 - 80kW
- NOx <40mg/kWh (Class 5) for all natural gas models for maximum BREEAM points

Evomax Cascade 30 - 600kW

- Available in Standard Height In-Line and Back-to-Back Kits and Low Height In-Line Kit
- Maximum outputs of 600kW available (450kW for Low Height Kit)
- All pipe work connections are supplied with either the boiler, header kit or are pre-assembled to the header kit
- Supplied with a low loss / mixing header, saving time and money on the installation (not on Low Height Kit)



*5 year warranty subject to Terms and Conditions. 5 years parts and labour warranty available subject to being commissioned by Ideal Boilers.

Keston

5
YEAR
Free Commissioning*



Keston Heat 45kW & 55kW, Natural Gas & LPG

- 5 year warranty when commissioned. And we'll do that for free if fitted with a 28mm Keston System Filter
- Twin Flue Design providing the perfect solution for problematic and awkward installations
- Frame and Header Kits able to facilitate up to 6 Keston Heat boilers in cascade
- Modulating Pump Keston Heat boilers have a low energy modulating pump which complies with energy efficiency requirements
- Weather Compensator all models in the Keston range come complete with weather compensation as standard
- British Built Since 2013

† 2 year parts & labour warranty as standard. 5 year warranty available subject to being commissioned by Keston Boilers. Free commissioning available on Keston Heat 1 boiler installations where a 28mm Keston System Filter is installed at the same time. Application for Free Commissioning only through www.keston.co.uk. Not available on installations of 2 or more boilers. Terms and conditions apply.

Pressurisation Unit

Key Features	SPU 135/235/150/250 midi
System Capacity	Up To 300,000 Ltr
System Fill/Pressure Top Up	Fill & Top Up
Cold Fill Pressure	3.4/4.5 bar
Pump Options	Single & Twin
Pump Type	Brass Peripheral
Pump Duty Rating	Continuous (S1)
Water Tank Capacity	10Ltrs
Mounting	Wall & Floor
Fluid Category	Cat 5 (A-B Air Gap)
Anti Seize Pump Function	✓
Settings Password Protection	✓
Low Water Alarm	✓
Pump Failure Alarm	✓
Excessive Pump Start Alarm	✓
Excessive Pump Run Time Alarm	✓
Transducer Failure Alarm	✓
Event Logging	✓
Boiler Interlock (Alarm V/F Contact 1)	✓
Boiler Interlock (Alarm V/F Contact 2)	✓
Boiler Interlock (Alarm V/F Contact 3)	✓
Boiler Interlock (Alarm V/F Contact 4)	✓
BMS Interface	✓



Part Number	Model	Number of Pumps	Maximum Delivery Pressure
46719	SPU 130 MINI	1	3.0 bar
46720	SPU 230 MINI	2	3.0 bar
46721	SPU 135 MIDI	1	3.5 bar
46722	SPU 235 MIDI	2	3.5 bar
46723	SPU 150 MIDI	1	5.0 bar
46724	SPU 250 MIDI	2	5.0 bar
46725	SPU 180 MAXI	1	8.0 bar
46726	SPU 280 MAXI	2	8.0 bar



Light Commercial Heating Range

DAB Model	Grundfos Electronic	Grundfos Traditional
EVOPLUS 40/180M	MAGNA1 25-40	N/A
EVOPLUS 60/180M	MAGNA1 25-60	UPS 25-55/180
EVOPLUS 80/180M	MAGNA1 25-80	UPS 25-80/180
EVOPLUS 110/180M	MAGNA1 25-100	UPS 25-120/180
EVOPLUS 40/180XM	MAGNA1 32-40	N/A
EVOPLUS 60/180XM	MAGNA1 32-60	UPS 32-55/180
EVOPLUS 80/180XM	MAGNA1 32-80	UPS 32-80/180
EVOPLUS 110/180XM	MAGNA1 32-100	UPS 32-120/180
EVOPLUS B 40/220.32M	MAGNA1 32-40	UPS 32-30F
EVOPLUS B 60/220.32M	MAGNA1 -60F	UPS 32-60F
EVOPLUS B 80/220.32M	MAGNA1 32-80F	N/A
EVOPLUS B110/220.32M	MAGNA1 32-100F	UPS 32-100F
EVOPLUS B 40/250.40M	N/A	UPS 40-30F
EVOPLUS B 60/250.40M	MAGNA1 40-60F	UPS 40-50F/250
EVOPLUS B 80/250.40M	MAGNA1 40-80F	UPS 40-80F/250
EVOPLUS B 110/250.40M	MAGNA1 40-100F	N/A



Cal - Pro Expansion Vessel

Capacity: from 4-900 litres

Suitable for all types of heating systems
 Helps to reduce energy consumption
 Hardwearing epoxy polyester powder coated finish
 Fully CPR compliant
 Wall mounted 4-24ltr, floor standing 35-900ltr
 2 year warranty

inta



Inta-Mag Pro

- Multiple inlet configurations to suit many installation ranging from 1/2" -2"
- Automatic & manual air venting points
- High strength internal magnet
- Dosing port as standard on all models
- Large bore draining valve for ease of servicing

altecnic



Discal Dirt and Air Separator (Flanged)

The Discal range of dirt and air separators are designed for use on heating and air conditioning systems to provide an efficient method of dirt and air removal

- Maximum working pressure : 10 bar
- Maximum working temperature : 110°C
- Maximum glycol concentration : 50%•



Type 11

- LST Standard gives you the option to specify controls.
 - LST Standard has the option to reverse the attractive outer casing to suit the pipe layout.
 - For peace of mind the paint finish is anti-bacterial.
 - The LST Standard comes complete with all components required in one easy package.
 - The internal emitter generates excellent heat outputs through convection.
 - Tested to high standards, the emitter has a maximum working pressure of 116psi (8.0 bar) and conforms to BS EN 442.
 - Available in multiple RAL colours - ask for more details
- Working pressure:**
Tested to withstand 8.0 bar

Casing Height mm	Casing Length mm	Henrad Code	Heat Emissions	
			Watts	Btu/hr
500	560	145400	196	669
650	560	145424	290	989
	760	145425	435	1484
	960	145426	580	1979
	1160	145427	725	2474
	1360	145428	870	2968

Type 22

Casing Height mm	Casing Length mm	Henrad Code	Heat emissions	
			Watts	Btu/hr
500	560	145416	348	1187
	760	145417	522	1781
	1160	145419	870	2968
650	560	145440	478	1631
	760	145441	717	2446
	960	145442	956	3262
	1160	145443	1195	4077
	1360	145444	1434	4893
	1560	145445	1673	5708
	1760	145446	1912	6524
	1960	145447	2151	7341
800	760	145465	922	3146
	960	145466	1230	4197
	1160	145467	1537	5224
	1360	145468	1844	6295
	1560	145469	2152	7343
	1760	145470	2459	8393
	1960	145471	2767	9441

Btu/hr @ 50 degC

ASK FOR PRICE IN STORE



Caspian

Caspian fan convectors are suitable for all kinds of commercial applications, from schools and churches to office developments, with the ability to rapidly heat large areas quickly with much greater efficiency than other heat emitters

- Incorporating the latest EC motor technology, which can result in running-cost savings as high as 80%, and with variable speed control as standard, the Caspian delivers heat quickly and quietly
- Caspian's are compatible with most types of wet central heating systems, functioning equally efficiently with conventional boilers, biomass technology or ground or air source heat pumps



Caspian® Skyline

Caspian Skyline ceiling mounted heater fits into a 600mm x 600mm ceiling tile, providing easy access for both installation and maintenance. It's suitable for projects in offices, schools, retail or food units or where the heating needs to complement the rest of the premise

- Plumbs easily into any wet central heating system, the Caspian Skyline will also work effectively and efficiently with renewable heat sources, such as air or ground source heat pumps



Solano

Solano is a hydronic fan-assisted unit heater aimed at heating large areas such as warehouses, workshops, sports halls and showrooms

- Weighing less than 11kg, for the smallest version, it is easy to install on the wall or ceiling
- Using the hot water from a boiler it is efficient and cost effective to run
- Available with either manual or intelligent heating controls which are BMS compliant
- Four versions from a 10-30kW version up to a 50-70kW version

Press

XPress
Pressfit-Solutions



Pegler XPress

VSH XPress offers all the benefits of a heat free, press-fit system, saving time and money with every joint

Available in copper, stainless, carbon, gas, stainless gas, valves, full flow carbon and full flow stainless.

Ranging from size 12mm - 108mm (depending on fitting)

REMS
for Professionals



REMS Mini-Press

Cordless 15-28mm Pack

Pack includes -

- Mini-Press c/w cordless LED Lamp & extra 1.5Ah battery
- 15mm, 22mm & 28mm Pressing Mini Tongs
- Metal carry case



Channel, accessories & bracketry range

- Available in 3 and 6 metre lengths (other lengths available cut to order) in plain or slotted profile, back to back profile and both standard and light gauge material.
- Pre-galv. finish, full end slots on all sections.
- Full loading tables available for comprehensive analysis.
- All Bracketry manufactured in accordance with BS6946:1988, 6mm thick HDG finish except where specified.
- End caps and closure strip available to suit all profiles.



Kooltherm

Kingspan Kooltherm premium performance pipe insulation is one of the thinnest and most efficient products available for the insulation of pipework in building services / HVAC applications. It is available in a range of thicknesses to suit different performance specifications and may be used on mild steel, stainless steel, carbon steel, copper and plastic pipework.



Rubber Lined Clips

12-14mm	60-64mm
15-19mm	67-72mm
20-25mm	75-80mm
26-30mm	81-86mm
32-36mm	87-92mm
38-43mm	99-105mm
47-51mm	107-112mm
53-58mm	

Leeds

UNIT 4A WELLINGTON RD IND. EST, WELLINGTON BRIDGE,
ARMLEY, LEEDS LS12 2UA

TEL: (0113) 2467211 FAX: (0113) 2426906

EMAIL: leeds@duftons.co.uk

Beeston

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BEESTON, LEEDS, LS11 5JW

TEL: (0113) 2707268 FAX: (0113) 2719004

EMAIL: beeston@duftons.co.uk

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HUDDERSFIELD, HD2 1LY

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EMAIL: huddersfield@duftons.co.uk

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EMAIL: wakefield@duftons.co.uk

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EMAIL: castleford@duftons.co.uk

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HG1 5JD

TEL: 01423 701501 FAX: 01423 536165

EMAIL: harrogate@duftons.co.uk

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BD16 2AG

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PLUMBING



HEATING



BATHROOMS

