

Zip[®]

New Ranges



2011/2012
Zip InLine

Electronically controlled instantaneous water heaters

The most energy efficient way to directly heat water electrically



Zip[®]

Zip InLine
electronically
controlled
instantaneous
water heaters

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Why Zip instantaneous water heating?

Zip InLine instantaneous water heaters are the most energy efficient means of directly heating water electrically.

Using the very latest German technology, Zip InLine offers a host of Specifier, Installer and End User benefits.

- Unrivalled energy efficiency
 - No standing heat loss
- Fast heat up times
- Sophisticated electronic control
- Unlimited hot water supply
- Easy to install
- Neat, compact design

Energy comparison:



Energy Efficiency

Zip InLine saves energy by:

1. Heating only the water drawn off
2. Avoiding stored water heat losses

When comparing the energy used over 24 hours to deliver 75 litres of hot water at 38°C (assuming 12°C supply) typical savings of 23% can be achieved:

Product	Energy Usage
15 litre storage water heater	3.0 kWh
Zip InLine Instantaneous	2.3 kWh

Percentage savings may be less with increased demand but significantly more during periods without draw off.

Water Conservation

Zip InLine is designed for installation close to the point of use, requiring little run off of water before achieving temperature.

Savings per draw off compared to centralised systems with long pipe runs are as follows:

Traditional System Pipe Run	Litres saved per draw off
10 metres	3.2



The inside story

Easy installation

Zip InLine products simply connect to standard closed outlet taps without the need for unvented water controls. ES and DEX/DBX are supplied with bracket for easy fitting.

All products are designed to be positioned as close to the outlet fitting as possible, thus minimising the thermal losses. In this way additional energy saving can be made.

The ES range features a choice of installation methods, either using standard tapware and fittings or, alternatively, one of two kit options. These offer either a non-concussive tap or mixer tap, see pages 16-17 for full details.

Smart design

The units' compact size enables them to fit neatly and unobtrusively in any location.

Advanced electronic control

Power to the heating element is regulated to ensure that the required outlet temperature is achieved precisely* regardless of the incoming water temperature and pressure.

Unlimited supply of hot water

Zip InLine delivers a continuous supply of hot water at the selected temperature*.

*Subject to sufficient power being available to achieve the required temperature and flow rate.



Cut-away showing the bare wire element in the water flow path

Innovation

Zip continue to lead the way in hot water technology with new additions to the InLine range of instantaneous water heaters. All newly introduced InLine products feature Bare Wire technology bringing all the benefits of control, comfort and efficiency, that have been enjoyed for many years on the continent, to users in the UK. Zip InLine ES, CEX, DEX and DBX ranges all benefit from the advantages of Bare Wire technology.

Bare wire technology

Unlike traditional instantaneous water heating products where the heating element is enclosed in a heat exchanger, bare wire products see the heating element directly immersed in the water flow path. This allows heat to be transmitted directly to the water, giving significantly greater efficiency and a much quicker heat up time, typically less than 2 seconds.

The mass of traditional elements and heat exchangers absorbs a significant amount of energy before water is delivered at a usable temperature. This energy is allowed to dissipate after use or can cause temperature spikes when more water is drawn off.

Bare wire technology prevents these issues from occurring providing the most energy efficient means of heating water electrically.

The quick reaction time of bare wire technology, coupled with Zip InLine electronic control systems that only apply exactly the power necessary to achieve the required temperature, ensure accurate temperature control with the most efficient use of energy.

Meticulous design in accordance with industry standards for bare wire technology ensures complete protection as attested by VDE approval to the appropriate safety directives.



In good company

Among many thousands of Zip InLine installations, we feature some key applications where significant benefits have been achieved.

Northern General Hospital, Sheffield

Laurence Fowles, Senior Project Manager of Sheffield Foundation NHS Trust says "We installed 10 Zip ES4 InLine instantaneous point of use water heaters into the GP Collaborative department at Northern General Hospital, to reduce standing losses. The building is a stand-alone unit which had two large hot water storage calorifiers within its self contained plantroom. We eliminated the need for hot water storage, thus reducing standing losses and pressure vessel insurance inspections. The ES units proved so successful that we have installed several more

around the Trust because of the aforementioned reasons and to reduce the risk of legionella which is associated with conventional water heating methods.

We are currently embarking upon a project to install a further 20 more units into the Ultrasound/CT/MRI department at the Northern General Hospital which allows us to isolate an exceptionally long length of hot water flow and return pipework, enabling the estates department to make considerable energy savings."



Isis School of English, Greenwich, London

Ian McAdam of Contractors Stewart Anthony, when faced with the problem of designing and building a hot water solution for the Isis School of English in Greenwich, London, decided to turn to Zip Heaters for support.

“I was anxious to provide a solution for Isis that had no messy and inefficient pipework running throughout the building. We decided to use a combination of Zip InLine instantaneous ES 6kW and ILX 9kW units, at the point of use, to provide hot water to the kitchens, toilets, together with the disabled area and toilets. The client is very happy with the solution and we will use the same combination in Phase 2.”

Pura Design Ltd. Hythe Kent

“We have recently completed a project in Berkeley Square, Mayfair, where the tenants of an 8 storey office building were reporting low hot water temperature and very low flow rates. The central hot water generating plant consisted of two indirect water heaters fed from gas boilers in a basement plantroom with the hot water being distributed around the building using flow and return pipework with secondary circulation pumps.



The decision was taken to strip out the existing central hot water generating plant and install local electric water heaters at point of use.

Throughout the building there were several single handbasins. These were fitted with Zip InLine ES instantaneous water heaters which are small enough to be surface mounted without being obtrusive and required minimum pipework.”







Zip InLine selection chart

With indicative flow rate at rated voltages – single phase

Product Type	ES			ILX		CEX	
	ES3	ES4	ES6	ILX006	ILX009	CEX	
Application	3.1kW	4.8kW	6.0kW	7.2kW	9.6kW	7.2kW	9.6kW
Handwash 38°C 	✓	✓	✓	✓	✓	✓	✓
Kitchen sink 50°C 	X	X	X	X	✓	X	✓
Shower 38°C 	X	X	X	X	✓	X	✓
Bath 38°C 	X	X	X	X	X	X	X

Zip InLine selection chart

With indicative flow rate at rated voltages – three phase

Product Type	ILX	DEX				DBX			
									
Application	ILX012	DEX	DEX	DEX	DEX	DBX18	DBX21	DBX24	DBX27
	13.5kW	18kW	21kW	24kW	27kW	18kW	21kW	24kW	27kW
Handwash 38°C 	✓	✓	✓	✓	✓	✓	✓	✓	✓
Kitchen sink 50°C 	✓	✓	✓	✓	✓	✓	✓	✓	✓
Shower 38°C 	✓	✓	✓	✓	✓	✓	✓	✓	✓
Bath 38°C 	X	✓	✓	✓	✓	✓	✓	✓	✓

Always consider the total combined flow rate of all outlets when selecting the appropriate InLine product. See pages 34 & 35 for more details.



Zip InLine ES

Instantaneous water heater
for handwashing

Features and benefits

- Flow rate of 1.7 – 3.3 litres/minute*
- Choice of 3.1, 4.8 and 6.0 kW ratings#
- Unlimited hot water supply for handwashing
- Bare wire technology for fast heat up
- Smart, compact design
- Intended for use with taps having removable M22/M24 nozzles
- Heats up only the water drawn off – no standing heat loss
- Sophisticated electronics adjusts power applied to compensate for inlet pressure and temperature variations



* Delivering 38°C at 240V and 12°C supply temperature. # At 240V.

Zip InLine ES

Instantaneous water heater for handwashing

Description

- The most energy efficient way to directly heat water electrically
- Zip InLine ES provides instant hot water for handwashing
- Heating power is controlled electronically to maintain set temperature
- Sophisticated electronics adjusts power applied to compensate for inlet pressure and temperature variations
- Outlet temperature factory set to 38°C, but can be installer adjusted between 30°C and 50°C
- Stainless steel bare wire heating element for fast heat up
- Double pole over-temperature protection
- Intended for use with taps having removable M22/M24 nozzles

Location

The appliance must be installed in a frost-free environment. Zip ES products comply with IP24 and may be installed in Zone 1. The unit should be positioned as close as possible to the outlet to minimise heat loss.

Plumbing

The appliance is intended for connection to the mains water supply. It should be installed by a suitably qualified person. It may be used as an unvented installation, as shown in the diagram below, or as a vented installation as described in the fitting instructions.

For correct operation it is essential that the special tap nozzle supplied is fitted to the tap spout. Intended for use with taps having removable M22/M24 nozzles

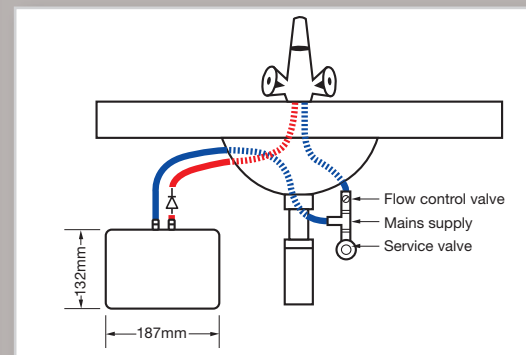
Not recommended for use with thermostatic mixing valves or taps.

Electrical

The appliance must be earthed and connected to the mains supply by means of permanent wiring through suitable isolation, having a contact separation of 3mm in all poles and should only be operated if protected by an RCD rated at 30mA.

Installation must be in accordance with current IEE regulations.

Typical Installation



Approvals

WRAS and VDE approved, CE endorsed

Warranty

12 months on-site parts and labour

Zip InLine ES

Technical Data

Model	ES3	ES4	ES6
Pressure rating	10 bar		
Element type	Bare wire		
Supply voltage (V)	240		
Nominal power rating @ 240V (kW)	3.1	4.8	6.0
Nominal current @ 240V (A)	13	20	25
Temperature adjustment (installer)	30°C - 50°C		
Maximum inlet temperature	30°C		
Factory set temperature	38°C		
Factory set Flow rate @ 38°C (litres/min)	1.7	2.6	3.3
Application guide lines	See pages 34-35		
Maximum temperature increase @ 240V and a flow rate of:			
2.0 litres/min	22°C	34°C	43°C
2.5 litres/min	18°C	27°C	34°C
3.0 litres/min	15°C	23°C	29°C
3.5 litres/min	13°C	20°C	24°C
4.0 litres/min	11°C	17°C	21°C
Switch on flow rate (litres/min)	1.2	1.5	1.5
Switch off flow rate (litres/min)	1.0	1.3	1.3
Required specific water resistance @ 15°C	>1300 ohm.cm	>1000 ohm.cm	>1000 ohm.cm
Capacity (litres)	0.2		
Filled weight (kg)	1.5		
Water connections	1/2" BSP		
Dimensions H x W x D (mm)	132 x 187 x 80		
Protection class (IEC 529)	IP24		

Zip InLine ES

Instantaneous handwash packs complete with tap and fittings

Features and benefits

- Comprehensive kits for ease of plumbing:
- ES instantaneous water heater, compatible tap and all necessary local pipe work and fittings.
- A choice of 3 power ratings and 2 tap designs.
- All components WRAS approved.

Non-concussive tap (NC) Pack:

- ES Instantaneous water heater
- Non-concussive single outlet tap
- 50 cm braided hose for connection to heater
- 50 cm braided hose for connection to tap
(Isolating valve NOT supplied)



Non-concussive tap

Matching cold tap

Mixer tap (MT) Pack:

- ES Instantaneous water heater
- Single lever mixer tap complete with braided hoses for connection to tap
- 50 cm braided hose for connection to heater
- Non return valve for hot supply to tap
- Flow rate adjuster for cold supply to tap
- T piece connector
(Isolating valve NOT supplied)



Single lever mixer tap

Non Concussive (NC) Pack



Mixer Tap (MT) Pack



Product Code	Tap Type	Rating kW @ 240V	*38°C Max Flow rate ltrs/min
ES3/NC	Non-concussive	3.1	1.7
ES4/NC	Non-concussive	4.8	2.6
ES6/NC	Non-concussive	6.0	3.3
ES3/MT	Single lever mixer	3.1	1.7
ES4/MT	Single lever mixer	4.8	2.6
ES6/MT	Single lever mixer	6.0	3.3
ZL018	Matching non-concussive cold tap		

*At 240V and 12°C supply temperature.



Zip InLine ILX

Instantaneous water heaters for hand washing, sinks and showers

Features and benefits

- Flow Rate of 4.0 – 6.0 litres/minute
- Choice of 7.2kW,* 9.6kW* single phase and 13.5kW three phase ratings
- Provides a constant supply of hot water for a range of applications
- Tubular elements – 7.2kW and 9.6kW
- Bare wire element – 13.5kW
- User adjustable temperature control
- Heater 'ON', 'Low Flow' and 'Over Heat' Indicators
- Heats only the water drawn off – no standing heat loss
- Electronic Power control adjusts to compensate for inlet pressure and temperature variations



*At 240V

Zip InLine ILX

Instantaneous water heater for handwashing, sinks and showers

Description

- The ILX range provides energy efficient hot water for a wide range of applications
- Heating power is controlled electronically to maintain set temperature
- User adjustable temperature from 35°C to 55°C
- Element types: ILX006 & ILX009 – tubular
ILX012 – bare wire
- Double pole over-temperature protection
- Electronic Power control to compensate for inlet pressure and temperature variations
- Automatic power reduction to avoid excessive temperatures with visual indication

Location

The heater must be installed in a frost-free environment. The unit should be located as close as possible to the outlet to minimise heat loss (recommended maximum 2 mtrs).

Plumbing

The heater is intended for connection to the mains water supply. It should be installed by a suitably qualified person.

The unit is intended to be used as an unvented installation, as shown in the diagram opposite.

For optimum flow characteristics use with Zip tap spray or aerator nozzles and handsets.
(See page 31 and 'Applications guides' on Pages 34/35).

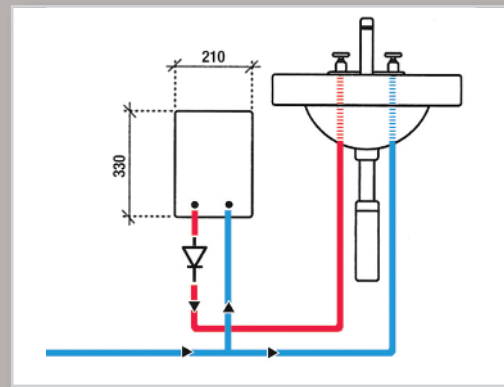
Electrical

The heater must be earthed and connected to the mains supply by means of permanent wiring through suitable isolation, having a contact separation of 3mm in all poles and should only be operated if protected by an RCD rated at 30mA.

ILX012 requires three phase electrical supply.

Installation must be in accordance with current IEE regulations.

Typical installation



Approvals

VDE approved, CE endorsed.

Warranty

12 months on-site parts and labour.

Zip Technical Support 0845 602 4533

Zip InLine ILX

Technical Data

Model	ILX006	ILX009	ILX012
Pressure rating	6 bar		10 bar
Element type	Tubular		Bare wire
Supply voltage (V)	240 - single phase		400 - three phase
Nominal power rating @ supply voltage (kW)	7.2	9.6	13.5
Nominal current @ supply voltage (A)	30	40	19.5
User Temperature Adjustment	35°C - 55°C		
Maximum inlet temperature	30°C		
Factory set flow rate at 3 bar (litres/min)	3.5	4.5	5.0
Application guide lines	See pages 34/35		
Maximum temperature increase at rated power and a flow rate of:			
3.0 litres/min	34°C	46°C	55°C
4.0 litres/min	26°C	34°C	48°C
5.0 litres/min	21°C	27°C	38°C
6.0 litres/min	17°C	23°C	32°C
Switch on flow rate (litres/min)	2.0		
Switch off flow rate (litres/min)	1.8		
Required specific water resistance @ 15°C	>1100 ohm.cm (ILX012 only)		
Capacity (litres)	0.2		
Filled weight (kg)	2.2		
Water connections	1/2" BSP		
Dimensions H x W x D (mm)	330 x 210 x 90		
Protection class (IEC 529)	IP25		



Zip InLine CEX

Instantaneous water heaters for handwashing, sinks and showers

Features and benefits

- Flow rate up to 5 litres/minute* to supply one or more outlets
- Power rating can be set on installation to 7.2kW# or 9.6kW#
- Available for installation over-sink (CEX-O) or under-sink (CEX-U)
- Bare wire elements for fast heat-up
- Zero standing heat loss
- Provides a constant supply of hot water
- Heating power electronically adjusted to compensate for variable inlet pressure and temperature
- Suitable for use with pre-heated water from solar heating systems
- Outlet temperature user adjustable between 30°C and 55°C with two programmable settings

*At 6 bar water pressure #At 240V

Zip InLine CEX

Instantaneous water heaters for handwashing, sinks and showers

Description

CEX

- Provides a constant supply of hot water to one or more outlets
- Regulates power consumption electronically depending on supply water temperature and flow rate to achieve the required outlet temperature
- Power rating can be selected at the time of installation
- Bare wire heating element ensures fast heat up times
- Required outlet temperature can be set via two touch sensitive keys between 30°C to 55°C with digital display
- Enables selection of two pre-programmed temperature settings
- Visible indicator of when heating power available is unable to achieve required temperature at the selected flow rate
- Suitable for use with pre-heated water from solar heating systems
- Optional wireless control (Code –ZL016)

Location

The heater must be installed in a frost free environment. It should be located as close as possible to the outlet to minimise heat loss (recommended maximum 2 metres). Complies with IP25 for oversink and IP24 for undersink and may be installed in Zone 1.

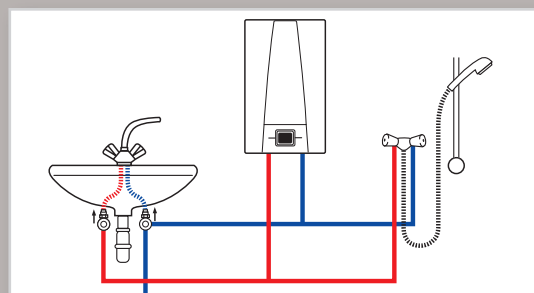
Plumbing

The appliance is intended for connection to a potable mains water supply. Hot and cold connecting pipes should be WRAS approved and of copper or steel construction. Minimum flow rate of 2.0 litres/min. Should be installed by a suitably qualified person.

Electrical

The heater must be earthed and connected to the mains supply through an isolation switch having contact separation of at least 3mm in all poles and protected by a suitably rated circuit breaker. The connection cable must be in accordance with the power rating of the appliance and the specific requirements of the site. Installation must be in accordance with current IEE regulations.

Typical installation



Approvals

WRAS, VDE, CE endorsed.

Warranty

12 months on-site parts and labour.

Zip InLine CEX

Technical Data

Model	CEX-O	CEX-U
Application	Over-sink	Under-sink
Power rating	7.2kW / 9.6kW ⁽¹⁾	
Rated current	30A (7.2kW) / 40A (9.6kW)	
Power supply	1/N/PE ~240V AC	
Hot water (l/min) Maximum at $\Delta t = 25^{\circ}\text{C}$	4.1 (7.2kW) / 5.0 ⁽²⁾ (9.6kW)	
Rated volume (litres)	0.3	
Rated pressure	1 MPa (10 bar)	
Element type	Bare wire heating system IES	
Required specific water resistance	>1100 Ωcm @ 15°C	
Maximum inlet temperature	70°C	
Switch on flow rate (l/min)	2.0	
Maximum flow rate (l/min)	5.0 ⁽²⁾	
Pressure loss @ 2.5 l/min @ 9.0 l/min	0.2 ba 1.3 bar ⁽³⁾	
Temperature setting range	30°C – 55°C	
Maximum weight (kg)	2.70	
Dimensions H x W x D (mm)	294 x 177 x 108	
Water connections	½" BSP	
Protection class	IP25	IP24

(1) Power rating selected at time of installation

(2) Flow rate limited to achieve optimum temperature rise

(3) Without flow regulator



Zip InLine DEX / DBX

Instantaneous water heaters for handwashing, sinks, showers and baths

Features and benefits

- Generates large volumes of hot water for a variety of applications
- DBX available in a choice of 18, 21, 24 & 27kW three phase ratings
- DEX ratings are installer adjustable from 18 to 27kW
- Bare wire elements for fast heat up
- Zero standing heat loss
- Provides a constant supply of hot water
- Heating power electronically adjusted to compensate for variable inlet pressure and temperature
- DEX suitable for use with pre-heated water from solar heating systems
- DEX enables outlet temperature to be selected between 20°C and 60°C with two programmable settings



Zip InLine DEX / DBX

Instantaneous water heaters for handwashing, sinks, showers and baths

Description

DEX / DBX

- Provide a constant supply of hot water to one or more outlets
- Regulate power consumption electronically depending on supply temperature, pressure and flow rate to maintain set temperature
- Bare wire heating systems for fast response and energy efficient delivery of hot water

DBX

- Outlet temperature factory set to 50°C, installer adjustable from 30 to 60°C

DEX

- Power rating can be installer adjustable from 18 to 27kW
- Required outlet temperature can be set with touch sensitive keys within the range 20 - 60°C
- Choice of two programmable temperature settings
- Suitable for use with pre-heated water from solar heating systems up to a maximum of 70°C

Location

The heater must be installed in a frost free environment. It should be located as close as possible to the outlet to minimise heat loss (recommended maximum 2 metres). Complies with IP25 and may be installed in Zone 1.

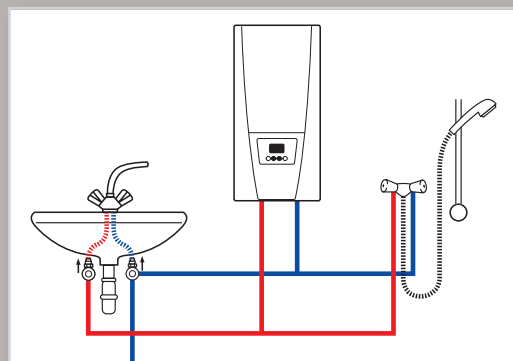
Plumbing

The appliance is intended for connection to a potable mains water supply. Hot and cold connecting pipes should be WRAS approved and of copper or steel construction. Minimum flow rate of 2.5 litres/min. Should be installed by a suitably qualified person.

Electrical

The heater must be earthed and connected to the mains supply through an isolation switch having contact separation of at least 3mm in all poles and protected by a suitably rated RCD. Requires three phase supply. Installation must be in accordance with current IEE regulations.

Typical installation



Approvals

WRAS, VDE, CE endorsed.

Warranty

12 months on-site parts and labour.

Zip Technical Support 0845 602 4533

Zip InLine DEX / DBX

Technical Data

Model	DEX			
	DBX 18	DBX 21	DBX 24	DBX 27
Rating (current)	18kW(26A)	21kW(30A)	24 kW(35A)	27kW(39A)
Power supply	3/PE 380 – 415V AC			3/PE 400V AC ⁽¹⁾
Hot water (l/min)				
Maximum @ t = 28K	9.2 ⁽²⁾	10.7 ⁽²⁾	12.3 ⁽²⁾	13.8 ⁽²⁾
Maximum @ t = 38K	6.8	7.9	9.0 ⁽²⁾	10.2 ⁽²⁾
Rated volume (litres)	0.4			
Rated pressure	1 MPa (10 bar)			
Element type	Bare wire heating system			
Required specific water resistance				
DEX	>1100 Ωcm @ 15°C			
DBX	>1300 Ωcm @ 15°C			
Maximum inlet temperature				
DEX	70°C			
DBX	30°C			
Switch on flow rate (l/min)	2.5			
Maximum flow rate (l/min)				
DEX	8.0 ⁽³⁾			
DBX	7.0 ⁽³⁾	8.0 ⁽³⁾	8.0 ⁽³⁾	9.0 ⁽³⁾
Pressure loss				
@ 2.5 l/min	0.2 bar			
@ 9.0 l/min	1.3 bar ⁽⁴⁾			
Temperature setting range				
DEX	20°C – 60°C			
DBX	30°C – 60°C			
Maximum weight (kg)	3.70			
Dimensions H x W x D (mm)	466 x 231 x 97			
Water connections	½" BSP			
Protection class	IP25			

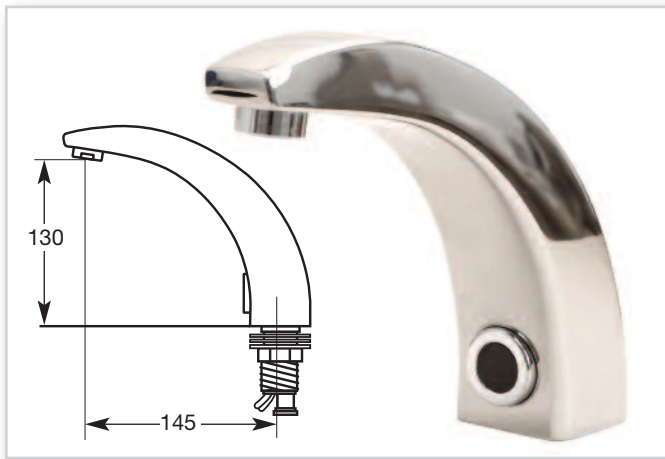
(1) Maximum 400V for DEX and DBX at 27kW (2) Mixed with cold water at the outlet

(3) Flow rate limited to achieve optimum temperature rise (4) Without flow regulator

Accessories

Touch-Free Taps Suitable for use with the Zip InLine range

Long reach, basin/sink tap



TF001—Mains powered
TF002—Battery powered

Standard reach, basin/sink tap



TF003—Mains powered.
TF004—Battery powered.

Accessories

For optimum performance the following tap spray nozzles and handsets should be used with the Zip InLine range

Product Code and Description Flow Rates from:

Tap Spray Nozzle

ZL002— 22mm female thread

2 litres/min

ZL003— 24mm male thread

2 litres/min



Tap Aerator Nozzle

ZL008— 15mm insert

3.5 litres/min

ZL004— 22mm female thread

3.5 litres/min

ZL005— 24mm male thread

3.5 litres/min



Shower Hand Set

ZL006— Fixed Pattern

4 litres/min



Shower Hand Set

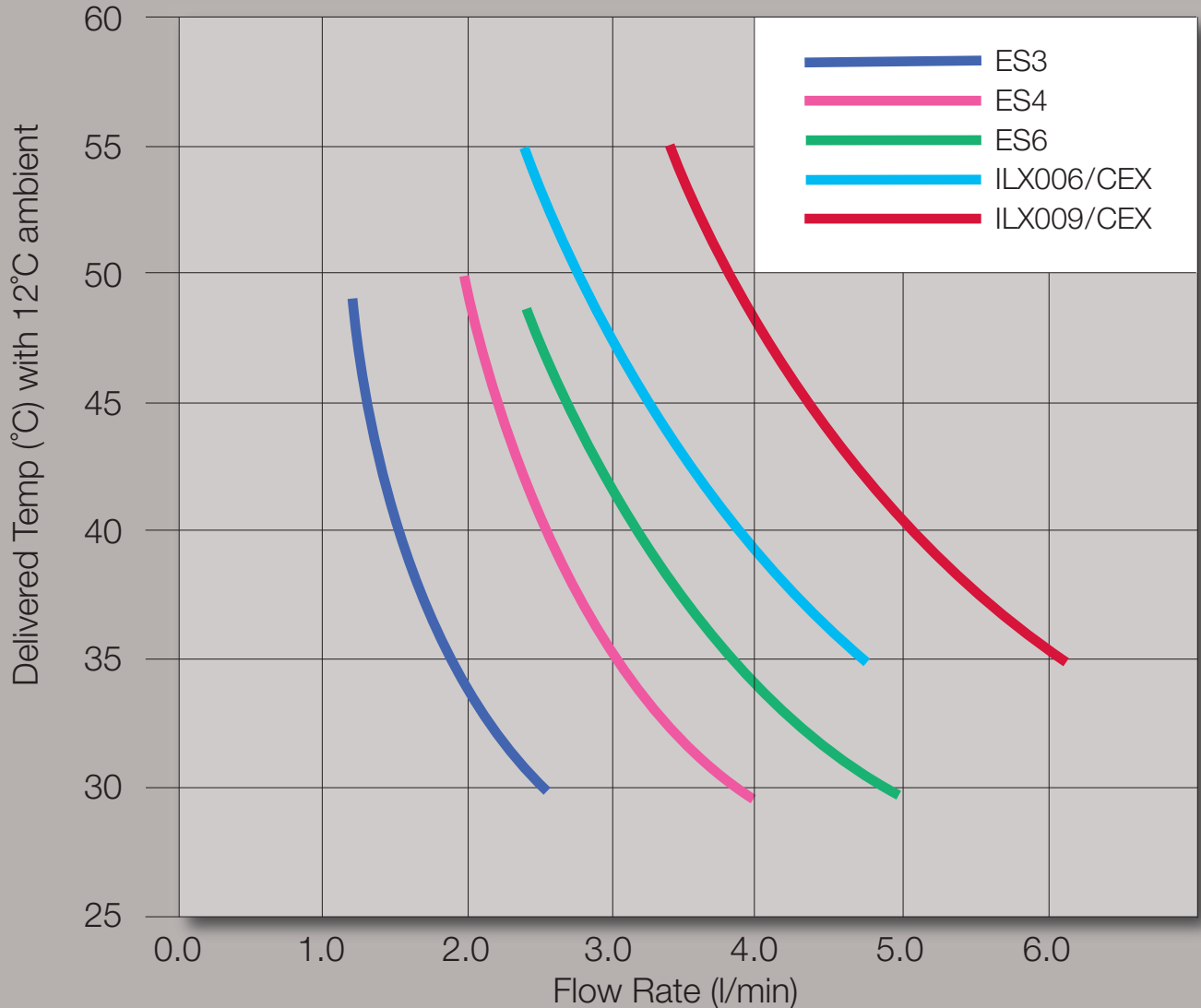
ZL007— 4 Mode Adjustable

4 litres/min



Instantaneous Performance Chart

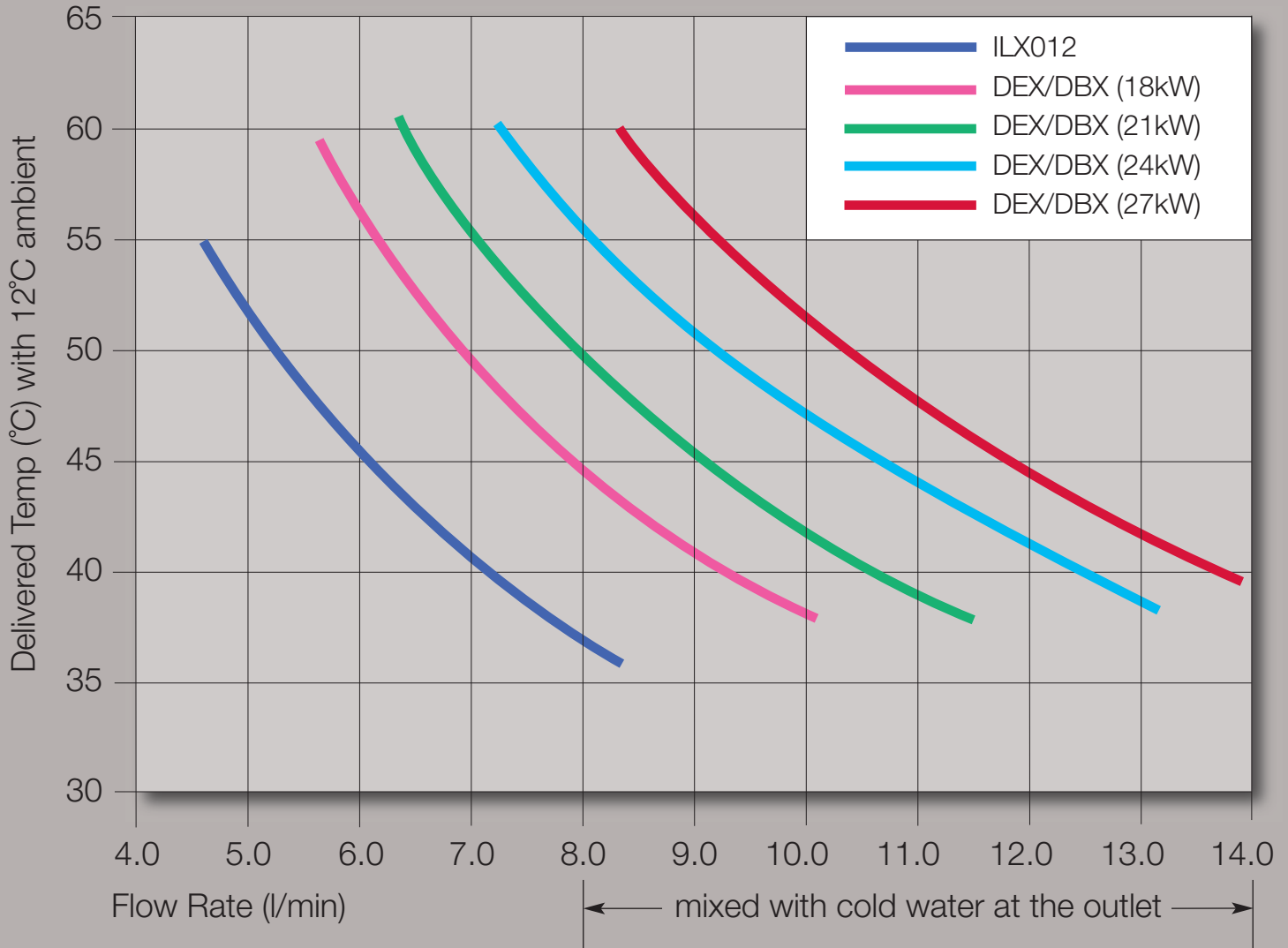
Single phase



Zip Technical Support 0845 602 4533

Instantaneous Performance Chart

Three phase



Application and accessory guide

Single phase

Application		Flow rate (litres/min)				
		ES			ILX/CEX	
		ES3	ES4	ES6	ILX006/CEX	ILX009/CEX
		3.1kW	4.8kW	6.0kW	7.2kW	9.6kW
Handwash @ 38°C	1 basin	1.7	2.6	3.3	4.0	5.0
	2 basins	-	-	-	-	2.5
	3 basins	-	-	-	-	-
Kitchen sink @ 50°C	1 sink	-	-	-	-	3.6
	2 sinks	-	-	-	-	-
Shower @ 38°	1 shower	-	-	-	-	5.0
	2 showers	-	-	-	-	-
Bath @ 38°C	1 bath	-	-	-	-	-

Recommended accessories		
Spray nozzle included	Aerator nozzle included	No accessories required
Spray nozzle ZL002/003	Aerator nozzle ZL004/005	Handset ZL006/007

All flow rates at 240V with 12°C supply temperature

Application and accessory guide

Three phase

Application		Flow rate (litres/min)				
		ILX	DEX			
		ILX012	DBX18	DBX21	DBX24	DBX27
		13.5kW	18kW	21kW	24kW	27kW
Handwash @ 38°C	1 basin	6.0	8.0	8.0	8.0	8.0
	2 basins	3.0	4.0	4.0	4.0	4.0
	3 basins	-	2.7	2.7	2.7	2.7
Kitchen sink @ 50°C	1 sink	5.0	6.8	7.9	8.0	8.0
	2 sinks	-	3.4	4.0	4.0	4.0
Shower @ 38°	1 shower	6.0	8.0	8.0	8.0	8.0
	2 showers	-	4.0	4.0	4.0	4.0
Bath @ 38°C	1 bath	-	8.0	8.0	8.0	8.0

Recommended accessories		
Spray nozzle included	Aerator nozzle included	No accessories required
Spray nozzle ZL002/003	Aerator nozzle ZL004/005	Handset ZL006/007

All flow rates at 400V with 12°C supply temperature



Zip sets new standards in Customer Care with the largest team of directly employed engineers in its sector, providing comprehensive on-site maintenance, repair and installation packages

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The Zip logo, featuring the word "Zip" in a stylized, red, italicized font with a registered trademark symbol (®) to the right.