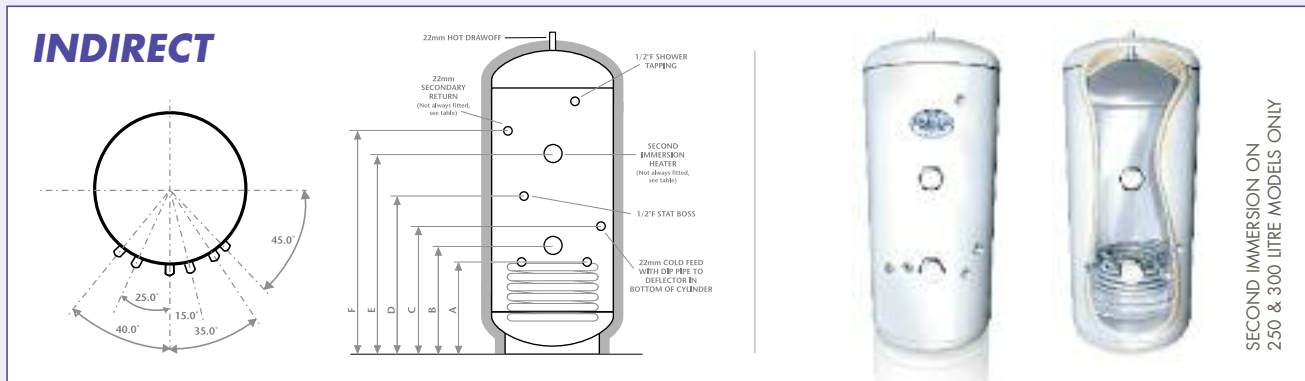
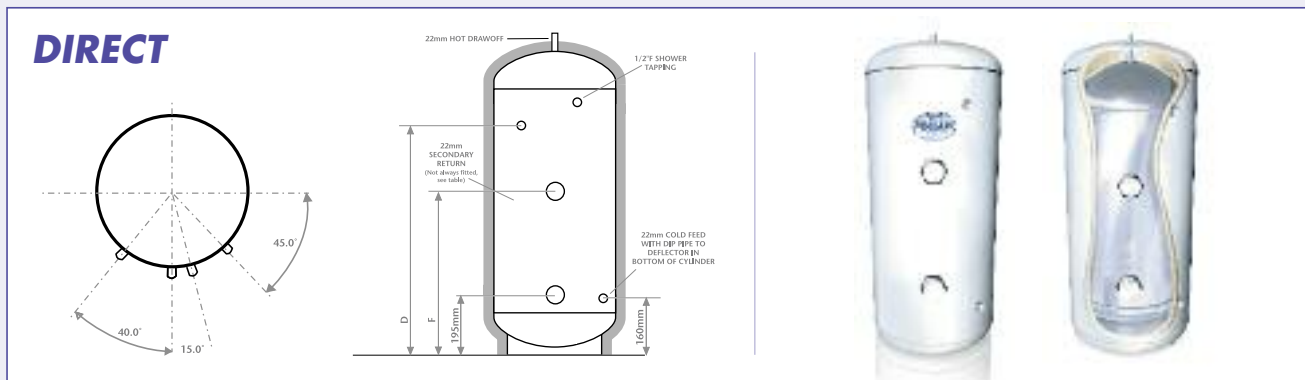


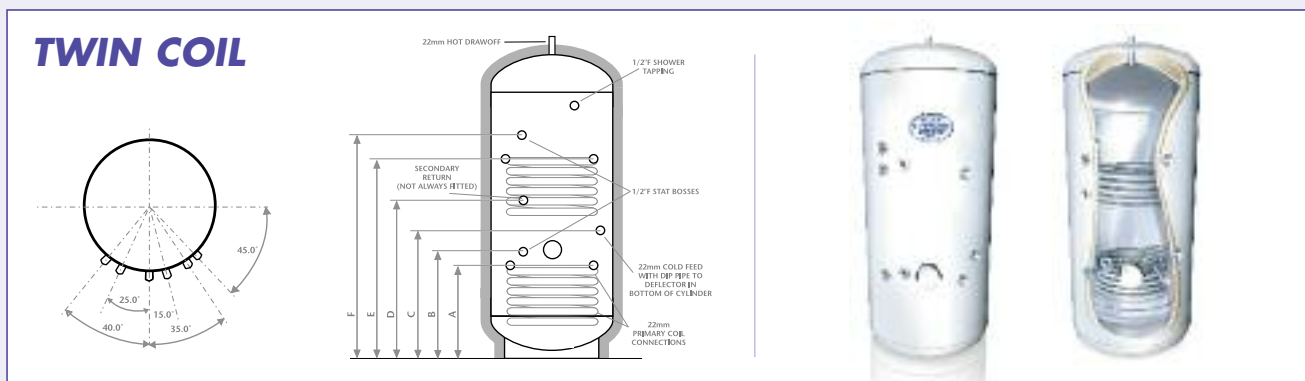
# TECHNICAL SPECIFICATION



Code	Capacity	Height	Diameter	A	B	C	D	E	F	Weight (Kg-Empty)	Weight (Kg-Full)
SI 90	90 L	718	550	290	330	390	345	N/F	N/F	30	120
SI 120	120 L	906	550	290	330	390	345	N/F	N/F	35	155
SI 150	150 L	1093	550	330	370	465	385	N/F	N/F	40	190
SI 180	180 L	1281	550	330	370	465	385	N/F	N/F	45	225
SI 210	210 L	1469	550	365	405	465	465	N/F	1150	50	260
SI 250	250 L	1719	550	365	405	465	560	950	1400	55	305
SI 300	300 L	2032	550	365	405	465	660	1100	1600	60	360



Code	Capacity	Height	Diameter	D	F	Weight (Kg-Empty)	Weight (Kg-Full)
SD 90	90 L	718	550	N/F	N/F	25	115
SD 120	120 L	906	550	N/F	510	30	150
SD 150	150 L	1093	550	N/F	610	35	185
SD 180	180 L	1281	550	N/F	710	40	220
SD 210	210 L	1469	550	1000	810	45	255
SD 250	250 L	1719	550	1250	950	50	300
SD 300	300 L	2032	550	1500	1100	55	355



Code	Capacity	Height	Diameter	A	B	C	D	E	F	Weight (Kg-Empty)	Weight (Kg-Full)
ST 150	150 L	1093	550	365	420	465	N/F	725	780	45	195
ST 180	180 L	1281	550	365	420	465	N/F	825	880	50	230
ST 210	210 L	1469	550	365	420	465	1000	925	980	55	265
ST 250	250 L	1719	550	365	420	465	1105	1050	1050	60	310
ST 300	300 L	2032	550	365	420	465	1255	1200	1200	65	365

All Dimensions are in mm and are of the cased unit. N/F = not fitted.



# RANGE

## DOMESTIC SELECTION GUIDE

These recommendations are based on the guidelines in BS 6700. Guidance should be sought for unusual applications. Eg: High flow-rate showers, large baths etc.

Hot Water Demand	Bedrooms	Indirect	Direct	Hot Water Demand	Bedrooms	Indirect	Direct
1 Bathroom or Shower	Bedsit/ 1 Bed	SI90	SD120	1 Standard Bath + 1 Corner Bath	2-3 Bed	SI180	SD250
	2-3 Bed	SI190	SD150		3-4 Bed	SI210	SD300
	3-4 Bed	SI150	SD210		4-5 Bed	SI250	SD300
1 Bathroom with Corner Bath	2-3 Bed	SI150	SD180	3 Bathrooms	3-4 Bed	SI210	SD300
	3-4 Bed	SI150	SD210		4-5 Bed	SI250	SD300
2 Bathrooms or Bath and Ensuite	2-3 Bed	SI150	SD180		5-6 Bed	SI300	SD300
	3-4 Bed	SI180	SD210	Most showers fed from a Tribune will consume the same amount of hot water as a bath.			
	4-5 Bed	SI210	SD250				

### Reheat Performance

#### INDIRECT

Model	Reheat Time	Coil kW Rating
SI90	13 Minutes	6.5 kW
SI120	17 Minutes	16.5 kW
SI150	17 Minutes	18.9 kW
SI180	21 Minutes	18.9 kW
SI210	22 Minutes	18.9 kW
SI250	28 Minutes	21.4 kW
SI300	36 Minutes	21.4 kW

#### DIRECT

Model	Reheat Time <i>One Element</i>	Reheat Time <i>Two Elements</i>
SD90	58 Minutes	-
SD120	90 Minutes	45 minutes
SD150	121 Minutes	61 Minutes
SD180	157 Minutes	79 Minutes
SD210	192 Minutes	96 minutes
SD250	224 Minutes	112 Minutes
SD300	263 Minutes	132 Minutes

The reheat performance is measured from 15°C to 60°C after drawing off 70% of the capacity. The coil kW rating is a guide to the minimum size of boiler required to achieve the reheat times stated. Faster reheat times are achievable using twin-coil Tribunes. With both coils fed simultaneously, reheat times can be reduced to almost half. The boiler power required would double.

### Specification

#### Inner Container

Duplex 2304 stainless steel to EN 10088.4362.

#### Primary Coil

22mm diameter 36L stainless steel. Coil in coil design for improved performance. Entire cylinder contents are heated on indirect models. The primary system must be fully pumped. The primary circuit may be sealed (max. 7 bar).

#### Outer Casing (optional)

Zintec corrosion proofed steel with durable oven-hardened white paint finish.

#### Thermal Insulation

Fire retardant polyurethane foam. The foam is CFC free, HCFC free and has an Ozone depletion potential of zero. Nominal thickness 50mm

#### Immersion Heater

Supplied on all units. 1.75" BSP parallel threaded head. Long life incoloy sheathed low noise

element 14" long. Long life incoloy sheathed thermostat pocket 11" long. Brazed construction. 11" combined thermostat and safety cut-out. Element rating 3Kw at 240V A/C.

### Installation

#### Fixing

The units must be fitted vertically.

#### Water Supply

The unit must be used on an open vented system (ie. fed from a cold water tank and fitted with a vent pipe). The maximum working head is 40m.

#### Plumbing Connections

Inlet/outlet - 22mm compression. Indirect coils - 22mm compression. Thermostat/Shower tapping - 1/2" F.

**\*NOTE** Use D2R/Gunmetal compression fittings to make connections onto the 22mm stub pipes.

**Do not use push-fit connectors.**