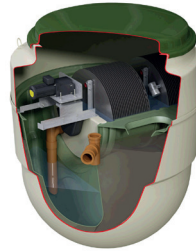


FEATURES & BENEFITS OF THE DOMESTIC BIODISC SEWAGE TREATMENT PLANT



PRODUCT FEATURES	SINGLE PIECE UNIT 	DOMESTIC CAPACITY OPTIONS 	INLET INVERT OPTIONS 	GRAVITY OR PUMPED DISCHARGE 	TWO STAGES OF SETTLEMENT AND TWO STAGES OF TREATMENT 	MANAGED FLOW 	RBC TECHNOLOGY 
BENEFITS & POTENTIAL ADVANTAGES	› No remote blower › Simple, fast and less expensive installation › No consideration necessary re-potential noise pollution › Less space taken up for installation	› 6, 9 and 12 population plant options › Flexible - from 4 bed dwelling to 5-7 bed dwelling › One plant capable of serving 2 off, dwellings each having up to 4 beds › One plant cheaper than purchasing/installing two individual units › Internal design changes only - no external dimensional changes from 6 to 12 pop plants › No increase in installation costs › Less expensive installation	› 450mm, 750mm and 1250mm invert options › Flexible - enables easier matching to existing drain depths on remedial applications › Enables depths of new laid drains to be kept shallow (inlet invert option of 450mm) › Simple, fast and less expensive installation of plant and method of discharge › No concrete backfill - dependant on site/ground conditions › Smaller digger required	› Gravity › Minimal fall from in/out - shallow in, shallow out › Enables shallow depth discharge on soakaways and water courses › Less expensive to install › Enables effective use of managed flow feature - forward feed/controlled discharge › Improves soakaway efficiency › Pumped › Integral unit; no separate pump chamber › Cheaper option than purchasing/installing two separate units - plant and pump chamber › Overcomes height differences re-drain and discharge depths on site › Enables discharge to remote locations › Enables discharge to shallower levels › Less expensive installation of point or method of discharge - shallower dig for drainage field › Protects from backfilling re-high water table level/water course	› Primary Settlement › Effective settlement of solids prior to treatment › Effective accumulation humus sludge - ease of maintenance › Balances high flow conditions › Dilutes and mixes high concentrations of chemicals/pollutants i.e. laundry and dishwasher m/c's › Reduces potential shock loading of treatment stages › Enables compliance to Building Regulations Part H re-6 Hour Storage Requirements › Ease of maintenance re-desludging › Primary/Secondary Treatment › Provides two zones for treatment of effluent › Rotating Biological Contactor - well proven/established design/method › 100% effective usage of media › Provides both Anaerobic and Aerobic treatment process › Secondary Settlement › Effective settlement of bacteria/fine sediment › Enables use of a Recycling System when required for low or variable flow applications or low Ammonia effluent discharge requirements › Ease of maintenance	› Controlled discharge › Improves efficiency of soakaway/drainage field in poor ground conditions or sites with limited area for soakaway › Reduces soakaway saturation - protects the site/garden, doesn't create the "no go area" › Prevents surging › Controlled feed through of settled effluent › Controlled exposure to media/biomass	› Established and proven design › Longest design of Off Mains Treatment System on the market › Ensures 100% effective use of available media by rotation mechanism › Provides both Anaerobic and Aerobic treatment process › Provides compliance to Building Regulations Part H re-6 Hour Storage Requirements › Enables use of Domestic Waste Disposal Units and Water Treatment Systems

FEATURES & BENEFITS OF THE **DOMESTIC BIODISC** SEWAGE TREATMENT PLANT



PRODUCT FEATURES	COMPLIANCE TO BUILDING REGS PART H RE-6 HOUR STORAGE	SINGLE MOTOR	EASE OF INSTALLATION, USE AND ACCESS FOR MAINTENANCE	FULLY ALARMED	FREE NATIONAL SITE SUPPORT AVAILABLE/ INSTALLATION	FULL SERVICE SUPPORT AVAILABLE	COMPANY'S BENEFITS:
BENEFITS & POTENTIAL ADVANTAGES	› The only standard product on the market to conform › Unique › Risk avoidance - no issues re-use of non-complying products › Established process provides compliance using combination of Primary Settlement, RBC Technology and controlled forward feed	› Low noise › No blower › Longer life expectancy compared with blowers › Virtually silent in use › Low rotational speed › Low running cost	› Simple to use › Switch on and use...no setting up › Ease of access › Single cover - ease of removal › Green in colour - blends in with garden › Easy access for maintenance - all internal components accessible › Dedicated access points for desludging › Simple desludge process	› Integral alarm packages with visual warning › One controller with integral alarms and warning device › Weatherproof Control Panel - no kiosk required › Loss of Rotation Alarm › High Level Alarm › Flashing Beacon › Environment Agency guidelines recommend that all treatment plant are regularly inspected and serviced › Easy removal of cover allows access to check and provide excellent access for maintenance › EN 12566 and Environment Agency recommendations require that all treatment systems have an alarm. This may become obligatory in the future › Supplied with an alarm as standard to ensure compliance now and in the future - future proofed › Alarm provides early warning of problems - protecting you against risk of pollution and prosecution	› Kingspan Klargester provide a national free service from experienced specialist area managers offering the BEST and un-biased site support and advice › This free service ensures correct product selection › Product location › Installation advice › When not to install if only a repair is required › Site survey recommendations › Guidance on regulations › How to order › National deliveries › Post order support › Kingspan Klargester have links with a number of independent accredited installation companies who offer free advice and provide fully installed packages › Sewage treatment installation is a specialist area and requires a full knowledge of best practice and regulation - mistakes on site / poor installations can make existing pollutions particularly on difficult sites › Accredited installers take away the risk of costly errors or bad practice › Risk avoidance	› Private Sewage treatment is a significant and long term investment that needs to be protected › Regulatory guidelines recommend that systems should be regularly serviced and monitored to protect against malfunction, pollution and the risk of prosecution › We provide this both under initial warranty and through a dedicated service team › We offer 12 month Warranty on our products › 10 Year Extended Warranty and Service packages › We provide a unique national service operated by Kingspan for maintenance, repair and spares › Service can offer a variety of secure in house service packages, paid monthly or annually, that enable the owner to identify in advance the cost of their total investment › Risk avoidance and security	› 60 years of innovation and expertise › Stability › Full service support › Free site visit › Professional advice and design service › Local Product Experts