

Section 11

Ventilation & Air Movement



Exhaust fans and mounting kits



Pack	Cat No.	100mm wall exhaust fans 230-240V a.c. Hole cutout size: 105mm. 155mm H x 155mm W x 93mm D.
1	R621/4A	100mm (4") heavy duty wall exhaust fan. Air displacement rate approx 88m ³ /hour. Wall, window or ceiling mount. 16W. White finish.
1	R621/3SC	100mm (4") slimline exhaust fan with 3 and 25 mins adjustable time delay. Air displacement rate approx 93m ³ /hour. Wall or ceiling mount, 18W. Brushed chrome finish.
1	R621/4SC	100mm (4") slimline exhaust fan. Air displacement rate approx 93m ³ /hour. Wall or ceiling mount, 18W. Brushed chrome finish.
1	R621/3S	100mm (4") slimline exhaust fan with 3 and 25 mins adjustable time delay. Air displacement rate approx 93m ³ /hour. Wall or ceiling mount, 22W. White finish.
1	R621/4S	100mm (4") slimline exhaust fan. Air displacement rate approx 93m ³ /hour. Wall or ceiling mount. 22W. White finish.

Pack	Cat No.	150mm wall exhaust fans 230-240V a.c.. Hole cutout size: 160mm. 225mm H x 225mm W x 112mm D.
1	R621/8A	150mm (6") Heavy duty wall exhaust fan Air displacement rate approx 245m ³ /hour. Wall, window or ceiling mount. 29W.
1	R621/9A	150mm (6") Heavy duty wall exhaust fan with auto shutters. Air displacement rate approx 245m ³ /hour. Wall, window or ceiling mount. 29W.
10	R621/6D	150mm fan mounting kits 150mm (6") wall kit suits all HPM 150mm fans. Includes exterior grille, duct, cable ties & wall plugs
1	R621/6WA	150mm (6") window kit for 621/8A & 9A exhaust fan. Includes gaskets, exterior grille & a flush plate



Pack	Cat No	100mm fan mounting kits
10	R621/4D	100mm (4") wall kit suits all HPM 100mm fans. Includes exterior grille, duct, cable ties & wall plugs.
1	R621/4WA	100mm (4") window kit for R621/4A exhaust fan, Includes gaskets, exterior grille & a flush plate.

Pack	Cat No	200mm and 250mm ceiling exhaust fans 240V a.c.. Self-lubricating bearings. Complete with lead and 2 pin plug. Easy-clean grille.
4	R621/1	200mm (8") exhaust fan. Air displacement rate approx 360m ³ /hour. Ceiling mount. Hole cutout size: 242mm.
4	R621/2	250mm (10") exhaust fan Air displacement rate approx 510m ³ /hour. Ceiling mount. Hole cutout size: 298mm.
1	R621/1A	200mm (8") exhaust fan. Air displacement rate approx 300m ³ /hour. Ceiling mount. Hole cutout size: 240mm. Square grille design.
1	R621/2A	250mm (10") exhaust fan Air displacement rate approx 410m ³ /hour. Ceiling mount. Hole cutout size: 287mm. Square grille design.

Ducted centrifugal exhaust fans

Pack	Cat No	Exhaust fans - ducted
1	R621D1	Ducted ceiling exhaust fan - square. Air displacement rate approx 160m ³ /hr. Complete with 3m duct and exterior exhaust grille. Hole cut-out size 230mm x 252mm. Built in Drought-Stopper closes when fan not in operation, saves energy and helps meet energy rating requirements of homes.
1	R621D2	Ducted ceiling exhaust fan - round. Air displacement rate approx 300 m ³ /hr. Hole cutout size 298mm diameter.



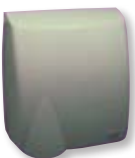
Pack	Cat No	In-line fan kits
1	R621/6L	150mm (6") in-line exhaust fan kit. Air displacement rate approx 360 m ³ /hr. Includes in-line exhaust fan, 5m duct, cable ties & grilles. 46W.

FanLights



Pack	Cat No	FanLights 250mm (10")
		Hole cutout size: 300mm (11.75 inches). Fan motor: 240V a.c. 80W. Lamp: 240V, 100W BC maximum. Easy clean grille. Lamp not included.
1	R620	FanLight exhaust fan & light 340mm diameter. 90mm protrusion from ceiling.

Hand dryers



Pack	Cat No	Hand dryer, 240V a.c.
1	R623/1000A	1000W automatic no touch hand dryer

Heat lamps



Pack	Cat No	Heat lamps
		Lamps may be dimmed for variable heat
1	R615	Single heat downlight, 240V a.c. 275W, flush fitting. White rim 170mm diameter x 235mm depth. Hole cutout size: 151mm.
		Replacement bulbs
1	L275HLES	Bathroom Heat lamp 275W
1	L375HLES	Bathroom Heat lamp 375W

Instant heat



Pack	Cat No	Standard
		Fan, light & heater combination.
1	R622/1AC	2 heat lamp model. 2.2 x 275W heat lamps plus exhaust fan and 100W ES incandescent light. 374 x 340mm. Includes white three-gang Excel switch marked Heat, Light, Fan.
1	R622/2AC	4 heat lamp model. 4.4 x 275W heat lamps plus exhaust fan and 100W ES incandescent light. 405mm square. Includes white three-gang Excel switch. Two mechanisms are standard type to control light and fan. The other is a dual dolly for half/full heat.



Pack	Cat No	Ducted
1	R622D1	<p>Instant Heat 2. 2 x 275W heat lamps plus exhaust fan and 60W ES incandescent light. External ducting. Complete with 3m of 100mm diameter duct and exterior exhaust grille. 190mm projection into ceiling. Includes white three-gang Excel switch marked Heat, Light, Fan. Built-in Draught-Stopper closes when fan not in operation, saves energy and helps meet energy rating requirements of homes.</p>
1	R622D2	<p>Instant Heat 4. 4 x 275W heat lamps plus exhaust fan and 100W ES incandescent light. External ducting. Complete with 3m of 100mm diameter duct and exterior exhaust grille. 235mm projection into ceiling. Includes white three-gang Excel switch. Two mechanisms are standard type to control light and fan. The other is a dual dolly for half/full heat. Built-in Draught-Stopper closes when fan not in operation, saves energy and helps meet energy rating requirements of homes.</p>



Pack	Cat No	Rattan white - hangsure - prewired - light adaptable
1	WATCF13AW	1300mm, reversible, 4 aluminium. timber rattan blades, sealed bearings.



Pack	Cat No	Brushed stainless steel finish - hangsure - prewired - light adaptable
1	WATCF12BS	1200mm, reversible, 3 stainless steel blades, sealed bearings
1	WATCF14BS	1400mm, reversible, 3 stainless steel blades, sealed bearings
1	WATCF12BSJ	Brushed stainless steel finish - J hook - prewired - light adaptable 1200mm, reversible, 3 stainless steel blades, sealed bearings

AirBoss ceiling sweep fans



Pack	Cat No	White - hangsure - prewired - light adaptable
1	WATCF9	Includes white Excel fan controller 900mm, reversible, 3 aluminium blades, sealed bearings.
1	WATCF12	1200mm, reversible, 3 aluminium blades, sealed bearings.
1	WATCF14	1400mm, reversible, 3 aluminium blades, sealed bearings.
1	WATCF9J	White - J hook - prewired - light adaptable 900mm, reversible, 3 aluminium blades, sealed bearings.
1	WATCF12J	1200mm, reversible, 3 aluminium blades, sealed bearings.
1	WATCF14J	1400mm, reversible, 3 aluminium blades, sealed bearings.

AirBoss accessories



Pack	Cat No	Oyster light kit
1	WATWM16W	245mm dia x 90mm high - 2 x 60W ES globes rec. White
1	WATWM16BS	245mm dia x 90mm high - 2 x 60W ES globes rec. Brushed stainless steel finish



Pack	Cat No	Clipper light kit
1	WATWM20W	190mm dia x 111mm high - 100W ES globe rec. White
1	WATWM20BS	190mm dia x 111mm high - 100W ES globe rec. Brushed stainless steel finish
Downrods		
1	WATCFDR750W	750mm, white
1	WATCFDR750WJ	750mm, white, J-Hook
1	WATCFDR750BS	750mm, brushed stainless steel finish
1	WATCFDR750BSJ	750mm, brushed stainless steel finish, J-Hook
1	WATCFDR750AW	750mm, antique white
1	WATCFDR1500W	1500mm, white
1	WATCFDR1500WJ	1500mm, white, J-Hook
10	WATCFDR1500AW	1500mm, antique white
1	WATCFBRACK	Bracket, J-Hook
Controller		
1	WATCFFR3HS	Flush mount controller, 3 speed with HPM Excel mounting plate
1	WATCFKNOB	Fan controller knob small
1	3SPKNOB	Fan controller knob Available in white, black, cream
Ceiling fan blade		
1	WATCFBS12	Set of 3, white
1	WATCFBS14	Set of 3, white
1	WATCFBS13AW	Set of 3, white rattan



Pack	Cat No	Luminair VentLight
1	453746	Vent and halogen light accessory, white. For ducted exhaust fan systems in bathrooms, kitchens, showers, WC's and ensuite. Safety Extra Low Voltage (SELV) design allows use in splash zones. Cutout size is 105mm, supplied complete with 20W halogen lamp. Requires suitable in-line fan and ducting & transformer (not supplied). IP54 rating.



Pack	Cat No	Luminair fan with light
1	LM100L	Unique vent & light combination. Safe extra low voltage design allows use in splash zones. Cutout size - 105mm. Supplied with 20W halogen lamp and transformer. IP65 rated. 100mm (4") low voltage exhaust fan and dichroic light. White



Pack	Cat No	12 volt waterproof exhaust fans
1	VA100SVX12	Safety extra low fans suitable for areas subjected to splashing. Supplied with 240/12V transformer, suitable for panel mounting. For window mounting, use Cat. No. R621/4WA, for wall mounting use Cat. No. R621/4D. All air displacement rates are rated at high speed. IP57 rated. 100mm (4") low voltage exhaust fan with shutters, 18W. Air displacement 76m ³ /hour
1	VA100SVL12	100mm (4") low voltage exhaust fan without shutters, 18W. Air displacement 76m ³ /hour

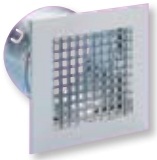
Flexible ducting and finishing accessories



Pack	Cat No	Flexible ducting
1	A100	Connects to exhaust fans, branch connections, ceiling grilles, univents and diffusers
1	A101	Ducting 100mm diameter, 3m length
1	A102	Ducting 150mm diameter, 3m length
1	A103	Ducting 200mm diameter, 3m length
1	A103	Ducting 250mm diameter, 3m length



Pack	Cat No	2-way branches
1	A200	Used to connect ducting from units to ceiling grilles, univents & diffusers
1	A201	Branch 150:150:150mm
1	A201	Branch 200:150:150mm



Pack	Cat No	Eggcrate grille
1	A501	Can be used for exhaust or air replacement purposes. Supplied with neck adaptor.
1	A501	150mm diameter, 150mm square



Pack	Cat No	Circular ceiling/wall diffuser
1	A505	Connects directly to flexible ducting. Supplied with PDS adaptor and damper control.
1	A505	150mm diameter



Pack	Cat No	Cable ties
1	A601	For securing flexible duct to grilles, branch connections and air vents.
1	A601	Suits 250mm diameter duct



Pack	Cat No	Vent cowl
1	A701	Designed to vent air from internal exhaust units to the outside via ductwork.
1	A701	Suits 150mm (size 6) exhaust fans. 150/200mm diameter.



Pack	Cat No	Airflow shutter
1	A800	Designed to fit 100mm (4 inch) wall exhaust fans & 12 volt units
1	A800	Shutter with gravity flaps to protect against backdraught for external termination of 100mm duct
1	A801	Airflow shutter 150mm
1	A801	Designed to fit 150mm (6 inch) wall exhaust fans & 12 volt units
1	A801	Shutter with gravity flaps to protect against backdraught for external termination of 150mm duct