



AIR MOVEMENT

V1



WELCOME TO TOTALINE

Totaline is the internationally recognised name in H.V.A.C.R parts and accessories solution for our industry and our four New Zealand trade stores offer a wide array of options to assist you in finding the right item for the right price.

Our four showrooms in Auckland, Napier, Wellington and Christchurch service the entire country with next day delivery and stock with an ever widening selection of quality Air Conditioning and Refrigeration accessories at very competitive prices.

The focus of this 'Buyers Guide' is to provide an uncluttered presentation of the range of products we display and stock in our one-stop shops as well as other equipment that we can readily access via our immense global supply sourcing chain.

When compiling this guide we sought the opinion of our customers - and the overwhelming response was a request for a streamlined, easy to use, reference document to aid in accurate pricing and product selection.

An in-depth analysis of individual products (including specifications, technical data, suggested applications and instructions) can be found online at totaline.co.nz.

All product enclosed is supplied in accordance with AHI Carrier (NZ) Ltd's Terms and Conditions of Sale.

HOW TO USE THIS CATALOGUE

This catalogue covers Air Movement Products.

Please see our Carrier and Toshiba Air Conditioning catalogues for the full range of air conditioning equipment and accessories available in New Zealand.

Use this in conjunction with our Technical CD's and the Carrier and Toshiba websites for maximum flexibility. Please keep checking our websites for new releases of products and technical updates.

Prices and specifications are subject to change without notice.

HOW TO ORDER

Call: 0800 800 218

Email: totaline.parts@ahi-carrier.co.nz

Fax: 0800 800 217

Mail: Private Bag 92128, Victoria Street West, Auckland 1142

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NUDE WIRE CORE FLEXIBLE DUCTING

Part	Descriptions
100N3M	100Ø Nude Wire Core Flexible Ducting - 3 Metre
150N3M	150Ø Nude Wire Core Flexible Ducting - 3 Metre
200N3M	200Ø Nude Wire Core Flexible Ducting - 3 Metre
250N3M	250Ø Nude Wire Core Flexible Ducting - 3 Metre
300N3M	300Ø Nude Wire Core Flexible Ducting - 3 Metre
350N3M	350Ø Nude Wire Core Flexible Ducting - 3 Metre
400N3M	400Ø Nude Wire Core Flexible Ducting - 3 Metre
450N3M	450Ø Nude Wire Core Flexible Ducting - 3 Metre
500N3M	500Ø Nude Wire Core Flexible Ducting - 3 Metre
100N6M	100Ø Nude Wire Core Flexible Ducting - 6 Metre
150N6M	150Ø Nude Wire Core Flexible Ducting - 6 Metre
200N6M	200Ø Nude Wire Core Flexible Ducting - 6 Metre
250N6M	250Ø Nude Wire Core Flexible Ducting - 6 Metre
300N6M	300Ø Nude Wire Core Flexible Ducting - 6 Metre
350N6M	350Ø Nude Wire Core Flexible Ducting - 6 Metre
400N6M	400Ø Nude Wire Core Flexible Ducting - 6 Metre
450N6M	450Ø Nude Wire Core Flexible Ducting - 6 Metre
500N6M	500Ø Nude Wire Core Flexible Ducting - 6 Metre

NudeWire Core Flexible Ducting



Nude Premium Clip Flexible Ducting



NUDE PREMIUM CLIP FLEXIBLE DUCTING

Part	Descriptions
15014FNDT	125Ø Nude Premium Clip Flexible Ducting - 3 Metre
15017FNDT	150Ø Nude Premium Clip Flexible Ducting - 3 Metre
15018FNDT	200Ø Nude Premium Clip Flexible Ducting - 3 Metre
15019FNDT	250Ø Nude Premium Clip Flexible Ducting - 3 Metre
15020FNDT	300Ø Nude Premium Clip Flexible Ducting - 3 Metre
15021FNDT	350Ø Nude Premium Clip Flexible Ducting - 3 Metre
15022FNDT	400Ø Nude Premium Clip Flexible Ducting - 3 Metre
15023FNDT	450Ø Nude Premium Clip Flexible Ducting - 3 Metre
15024FNDT	500Ø Nude Premium Clip Flexible Ducting - 3 Metre

INSULATED WIRE CORE FLEXIBLE DUCTING

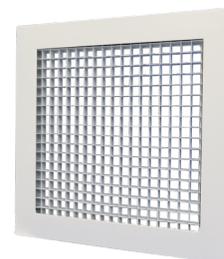
Part	Descriptions
TTL150C3M	150Ø Insulated Wire Core Flexible Ducting - 3 Metre
TTL200C3M	200Ø Insulated Wire Core Flexible Ducting - 3 Metre
TTL250C3M	250Ø Insulated Wire Core Flexible Ducting - 3 Metre
TTL300C3M	300Ø Insulated Wire Core Flexible Ducting - 3 Metre
TTL350C3M	350Ø Insulated Wire Core Flexible Ducting - 3 Metre
400C3M	400Ø Insulated Wire Core Flexible Ducting - 3 Metre
450C3M	450Ø Insulated Wire Core Flexible Ducting - 3 Metre
500C3M	500Ø Insulated Wire Core Flexible Ducting - 3 Metre
TTL150C6M	150Ø Insulated Wire Core Flexible Ducting - 6 Metre
TTL200C6M	200Ø Insulated Wire Core Flexible Ducting - 6 Metre
TTL250C6M	250Ø Insulated Wire Core Flexible Ducting - 6 Metre
TTL300C6M	300Ø Insulated Wire Core Flexible Ducting - 6 Metre
TTL350C6M	350Ø Insulated Wire Core Flexible Ducting - 6 Metre
400C6M	400Ø Insulated Wire Core Flexible Ducting - 6 Metre
450C6M	450Ø Insulated Wire Core Flexible Ducting - 6 Metre

INSULATED PREMIUM CLIP DUCTING

Part	Descriptions
15117CDT	100Ø Insulated Premium Clip Flexible Ducting - 3 Metre
15118CDT	125Ø Insulated Premium Clip Flexible Ducting - 3 Metre
15119CDT	150Ø Insulated Premium Clip Flexible Ducting - 3 Metre
15115CDT	175Ø Insulated Premium Clip Flexible Ducting - 3 Metre
15120CDT	200Ø Insulated Premium Clip Flexible Ducting - 3 Metre
15116CDT	225Ø Insulated Premium Clip Flexible Ducting - 3 Metre
15121CDT	250Ø Insulated Premium Clip Flexible Ducting - 3 Metre
15122CDT	300Ø Insulated Premium Clip Flexible Ducting - 3 Metre
15123CDT	350Ø Insulated Premium Clip Flexible Ducting - 3 Metre
15124CDT	400Ø Insulated Premium Clip Flexible Ducting - 3 Metre
15125CDT	450Ø Insulated Premium Clip Flexible Ducting - 3 Metre
15126CDT	500Ø Insulated Premium Clip Flexible Ducting - 3 Metre
15132CDT	150Ø Insulated Premium Clip Flexible Ducting - 6 Metre
15128CDT	200Ø Insulated Premium Clip Flexible Ducting - 6 Metre
15127CDT	250Ø Insulated Premium Clip Flexible Ducting - 6 Metre
15129CDT	300Ø Insulated Premium Clip Flexible Ducting - 6 Metre
15130CDT	350Ø Insulated Premium Clip Flexible Ducting - 6 Metre
15131CDT	400Ø Insulated Premium Clip Flexible Ducting - 6 Metre
308242	Duct Strap 915mm long - Duct size up to 250Ø
308243	Duct Strap 1220mm long - Duct size up to 350Ø

Insulated Premium Clip Ducting





STANDARD EGGCRATE GRILLES

Part	Descriptions
150150EC	150 x 150mm Standard Eggcrate Return Grille
200200EC	200 x 200mm Standard Eggcrate Return Grille
250250EC	250 x 250mm Standard Eggcrate Return Grille
300300EC	300 x 300mm Standard Eggcrate Return Grille
350350EC	350 x 350mm Standard Eggcrate Return Grille
400400EC	400 x 400mm Standard Eggcrate Return Grille
450450EC	450 x 450mm Standard Eggcrate Return Grille
500500EC	500 x 500mm Standard Eggcrate Return Grille
550550EC	550 x 550mm (T-Rail) Standard Eggcrate Return Grille

REMOVABLE EGGCRATE GRILLES

Part	Descriptions
150150REC	150 x 150mm Removable eggcrate Return Grille
200200REC	200 x 200mm Removable eggcrate Return Grille
250250REC	250 x 250mm Removable eggcrate Return Grille
300300REC	300 x 300mm Removable eggcrate Return Grille
400400REC	400 x 400mm Removable eggcrate Return Grille

NON-VISION EGGCRATE GRILLES

Part	Descriptions
150150NVEC	150 x 150mm Non-Vision Eggcrate Return Grille
200200NVEC	200 x 200mm Non-Vision Eggcrate Return Grille
250250NVEC	250 x 250mm Non-Vision Eggcrate Return Grille
300300NVEC	300 x 300mm Non-Vision Eggcrate Return Grille
400400NVEC	400 x 400mm Non-Vision Eggcrate Return Grille
500500NVEC	500 x 500mm Non-Vision Eggcrate Return Grille
550550NVEC	500 x 550mm Non-Vision Eggcrate Return Grille

OUTSIDE AIR LOUVRE

Part	Descriptions
AV150	Plastic Eggcrate Magnetically Secured Removable Core Grille
PFL100	Outside Air Louvre 100mm
PFL125	Outside Air Louvre 125mm
PFL150	Outside Air Louvre 150mm

LOUVRE RETURN GRILLE

Part	Descriptions
HC25-300300	300 x 300mm Louvre Return Grille
HC25-400400	400 x 400mm Louvre Return Grille

GRILLES

Part	Descriptions
200HRG/F	200 x 200mm Hinged Filtered Return Grille
250HRG/F	250 x 250mm Hinged Filtered Return Grille
400HRG/F	350 x 350mm Hinged Filtered Return Grille
HRG/F-400400	400 x 400mm Hinged Filtered Return Grille
450HRG/F	450 x 450mm Hinged Filtered Return Grille
600 HRG/F	550 x 550mm (T Rail) Hinged Filtered Return Grille
HRGF- 1150550	1150 x 550mm (T Rail) Hinged Filtered Return Grille
SAHV-300100	300 x 100mm Double Deflection Supply Grille
SAHV-300300	300 x 300mm Double Deflection Supply Grille
400/100SAHV	400 x 100mm Double Deflection Supply Grille
SAHV-400150	400 x 150mm Double Deflection Supply Grille
600/200SAHV	600 x 200mm Double Deflection Supply Grille
SAHV-500300	500 x 300mm Double Deflection Supply Grille

NON-VISION DOOR GRILLES

Part	Descriptions
300/300FGF-A	300 x 300mm Non-Vision Door Grille
500/100FGF-A	500 x 100mm Non-Vision Door Grille
500/150FGF-A	500 x 150mm Non-Vision Door Grille
500/200FGF-A	500 x 200mm Non-Vision Door Grille
500/300FGF-A	500 x 300mm Non-Vision Door Grille
500/400FGF-A	500 x 400mm Non-Vision Door Grille



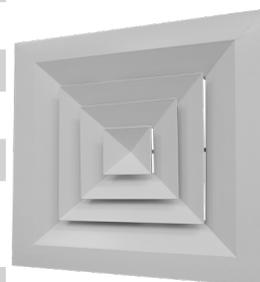
PFGS-W

GRILLES

Part	Descriptions
PFGS-RB	300 x 100mm neck ABS Floor Grille - Brown
PFGS-W	300 x 100mm neck ABS Floor Grille - White
PFGS-B	300 x 100mm neck ABS Floor Grille - Beige
PFGS-S	300 x 100mm neck ABS Floor Grille - Slate
PFGS-C	300 x 100mm neck ABS Floor Grille - Cream
PFGS-C350	350 x 150mm - Cream Floor Register
PFGS-B350	350 x 150mm - Beige Floor Register
PFGS-S350	350 x 150mm - Slate Floor Register
CBA	300 x 100mm - Angled Floor Boot 150Ø
CBS	300 x 100mm - Straight Floor Boot 150Ø
CBA-350	350 x 150mm - Angled Floor Boot 200Ø
OAL1-300300	300 x 300mm Outside Air Louvre

DIFFUSERS

Part	Description
ALCD150-4W	150x 150mm Neck Aluminium Louvred Ceiling Diffuser
ALCD225-4W	225x 225mm Neck Aluminium Louvred Ceiling Diffuser
ALCD300-4W	300x 300mm Neck Aluminium Louvred Ceiling Diffuser
ALCD375-4W	375x 375mm Neck Aluminium Louvred Ceiling Diffuser
ALCD450-4W-LF	450x 450mm Neck Aluminium Louvred Ceiling Diffuser T-Rail
150-P-ALCDF	150x 150mm Neck Aluminium Louvred Ceiling Diffuser In T-Rail Plaque
225-P-ALCDF	225x 225mm Neck Aluminium Louvred Ceiling Diffuser In T-Rail Plaque
300-P-ALCDF	300x 300mm Neck Aluminium Louvred Ceiling Diffuser In T-Rail Plaque
375-P-ALCDF	375x 375mm Neck Aluminium Louvred Ceiling Diffuser In T-Rail Plaque
ALCD150-3W	3-Way 150x 150mm Neck Aluminium Louvred Ceiling Diffuser
ALCD225-3W	3-Way 225x 225mm Neck Aluminium Louvred Ceiling Diffuser
ALCD300-3W	3-Way 300x 300mm Neck Aluminium Louvred Ceiling Diffuser
ALCD375-3W	3-Way 375x3 75mm Neck Aluminium Louvred Ceiling Diffuser
ALCD450-3W-LF	3-Way 450x 450mm Neck Aluminium Louvred Ceiling Diffuser T-Rail
ALCD150-2W(OPP)	2-Way Opposite 150x 150mm Neck Aluminium Louvred Ceiling Diffuser
ALCD225-2W(OPP)	2-Way Opposite 225x 225mm Neck Aluminium Louvred Ceiling Diffuser
ALCD300-2W(OPP)	2-Way Opposite 300x 300mm Neck Aluminium Louvred Ceiling Diffuser
ALCD375-2W(OPP)	2-Way Opposite 375x 375mm Neck Aluminium Louvred Ceiling Diffuser
ALCD450-2W(OPP)-LF	2-Way Opposite 450x 450mm Neck Aluminium Louvred Ceiling Diffuser T-Rail
ALCD150-2W(CNR)	2-Way Corner 150x 150mm Neck Aluminium Louvred Ceiling Diffuser



4-Way Diffuser



3-Way Diffuser



2-Way Diffuser

DIFFUSERS

ALCD225-2W(CNR)	2-Way Corner 225x 225mm Neck Aluminium Louvred Ceiling Diffuser
ALCD300-2W(CNR)	2-Way Corner 300x 300mm Neck Aluminium Louvred Ceiling Diffuser
ALCD375-2W(CNR)	2-Way Corner 375x 375mm Neck Aluminium Louvred Ceiling Diffuser
ALCD450-2W(CNR)-LF	2-Way Corner 450x 450mm Neck Aluminium Louvred Ceiling Diffuser T-Rail
ALCD150-1W	1-Way 150x 150mm Neck Aluminium Louvred Ceiling Diffuser
ALCD225-1W	1-Way 225x 225mm Neck Aluminium Louvred Ceiling Diffuser
ALCD300-1W	1-Way 300x 300mm Neck Aluminium Louvred Ceiling Diffuser
ALCD375-1W	1-Way 375x 375mm Neck Aluminium Louvred Ceiling Diffuser
ALCD450-1W-LF	1-Way 450x 450mm Neck Aluminium Louvred Ceiling Diffuser T-Rail
150PLAQUE	T-Rail Plaque
225PLAQUE	T-Rail Plaque
150-D-ALCD	150x 150mm Opposed Blade Damper - Suit Supply Diffusers
225-D-ALCD	225x 225mm Opposed Blade Damper - Suit Supply Diffusers
300-D-ALCD	300x 300mm Opposed Blade Damper - Suit Supply Diffusers
450-D-ALCD	450x 450mm Opposed Blade Damper - Suit Supply Diffusers
SD-B600/300	B Type Swirl 595 sq x 300 Neck
SD-B600/400	B Type Swirl 595 sq x 400 Neck
SD-B600/500	B Type Swirl 595 sq x 500 Neck
SD-C600/24	C Type Swirl 595 sq 24 Slot
SD-C600/48	C Type Swirl 595 sq 48 Slot
8086GD	MDO Fixed 230x 230
8087GD	MDO Adjustable 300x 300
8088GD	MDO Adjustable 350x 350
8089GD	MDO Fixed 400x 400
8090GD	450x 450mm Mdo Adjustable Diffuser
8096GD	500x 500mm Mdo Fixed Diffuser (T-Rail)
911	150mm Dia Round Abs Diffuser
912	200mm Dia Round Abs Diffuser
913	250mm Dia Round Abs Diffuser



2-Way Diffuser



1-Way Diffuser



Opposed Blade Damper

DIFFUSERS

914	300mm Dia Round Abs Diffuser
DOWNJET -150	150mm Dia Downjet Abs Diffuser
DOWNJET -200	200mm Dia Downjet Abs Diffuser
DOWNJET -250	250mm Dia Downjet Abs Diffuser
150150D	150x 150mm Opposed Blade Damper - Suit Return Grilles
200200D	200x 200mm Opposed Blade Damper - Suit Return Grilles
250250D	250x 250mm Opposed Blade Damper - Suit Return Grilles
300300D	300x 300mm Opposed Blade Damper - Suit Return Grilles
400400D	400x 400mm Opposed Blade Damper - Suit Return Grilles
550550D	550x 550mm Opposed Blade Damper - Suit Return Grilles
600200D	Obd For Sahv 600 x 200mm
400100D	Obd For Sahv 400 x 100mm



SD-B600/300



Round Abs Diffuser



Downjet-200



150150D

FANS

Part	Description
RCD190-A3	Roof Centrifugal Exhaust Fan 380sq
RCR150-A	Roof Centrifugal
RCR200-B	Roof Centrifugal Fan
RCR200-C	Roof Centrifugal Fan
VA300	Fan Speed Controller
VA500	Heat Transfer Kit Speed Controller
VA700	Fan Speed Controller
AXC150	Axjet Series Ceiling Fan
SBD150-A3	Low Profils Centrifugal Fan
SBD200-A3	Low Profils Centrifugal Fan
MFP100	Mixject Series Inline Mixed Flow
MFP150	Mixjet Series Inline Mixed Flow
MFP200	Mixjet Series Inline Mixed Flow
MFP250	Mixjet Series Inline Mixed Flow
MFS125	Mixjet Series Inline Mixed Flow
MFS150	Mixjet Silent Inline Mixed Flow
MFS200	Mixjet Silent Inline Mixed Flow
MFS250	Mixjet Silent Inline Mixed Flow
MFS315	Mixjet Silent Inline Mixed Flow
940	Filter Cassette
BEC150	Bathroom Extractor Centrifugal



AXC150



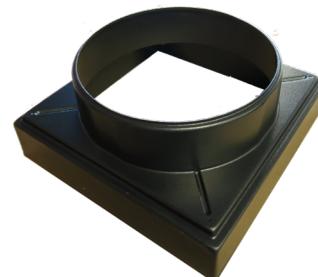
MFP200

CENTRIFUGAL FANS

Part	Descriptions
ILC-130	150Mm Dia Inline Axial Fan
ILC-150	150Mm Dia Inline Centrifugal Fan
ILC-200	200Mm Dia Inline Centrifugal Fan
ILC-250	250Mm Dia Inline Centrifugal Fan



940



PLASTIC SQUARE TO ROUND ADAPTORS

Part	Description
150/150	150X150Mm / 150Mm Dia Neck Plastic Square To Round Adaptor
150/100	150X150Mm / 100Mm Dia Neck Plastic Square To Round Adaptor
200/200	200X200Mm / 200Mm Dia Neck Plastic Square To Round Adaptor
200/150	200X200Mm / 150Mm Dia Neck Plastic Square To Round Adaptor
200/100	200X200Mm / 100Mm Dia Neck Plastic Square To Round Adaptor
225/200	225X225Mm / 200Mm Dia Neck Plastic Square To Round Adaptor
225/150	225X225Mm / 150Mm Dia Neck Plastic Square To Round Adaptor
225/100	225X225Mm / 100Mm Dia Neck Plastic Square To Round Adaptor
250/250	250X250Mm / 250Mm Dia Neck Plastic Square To Round Adaptor
250/200	250X250Mm / 200Mm Dia Neck Plastic Square To Round Adaptor
250/150	250X250Mm / 150Mm Dia Neck Plastic Square To Round Adaptor
250/100	250X250Mm / 100Mm Dia Neck Plastic Square To Round Adaptor
300/300	300X300Mm / 300Mm Dia Neck Plastic Square To Round Adaptor
300/250	300X300Mm / 250Mm Dia Neck Plastic Square To Round Adaptor
300/200	300X300Mm / 200Mm Dia Neck Plastic Square To Round Adaptor
300/150	300X300Mm / 150Mm Dia Neck Plastic Square To Round Adaptor
300/100	300X300Mm / 100Mm Dia Neck Plastic Square To Round Adaptor
350/350	350X350Mm / 350Mm Dia Neck Plastic Square To Round Adaptor
350/300	350X350Mm / 300Mm Dia Neck Plastic Square To Round Adaptor
350/250	350X350Mm / 250Mm Dia Neck Plastic Square To Round Adaptor
350/200	350X350Mm / 200Mm Dia Neck Plastic Square To Round Adaptor
350/150	350X350Mm / 150Mm Dia Neck Plastic Square To Round Adaptor
375/350	375X375Mm / 350Mm Dia Neck Plastic Square To Round Adaptor
375/300	375X375Mm / 300Mm Dia Neck Plastic Square To Round Adaptor
375/250	375X375Mm / 250Mm Dia Neck Plastic Square To Round Adaptor
375/200	375X375Mm / 200Mm Dia Neck Plastic Square To Round Adaptor
375/150	375X375Mm / 150Mm Dia Neck Plastic Square To Round Adaptor
400/400	400X400Mm / 400Mm Dia Neck Plastic Square To Round Adaptor
400/350	400X400Mm / 350Mm Dia Neck Plastic Square To Round Adaptor
400/300	400X400Mm / 300Mm Dia Neck Plastic Square To Round Adaptor

PLASTIC SQUARE TO ROUND ADAPTORS

400/250	400X400Mm / 250Mm Dia Neck Plastic Square To Round Adaptor
400/200	400X400Mm / 200Mm Dia Neck Plastic Square To Round Adaptor
450/450	450X450Mm / 450Mm Dia Neck Plastic Square To Round Adaptor
450/400	450X450Mm / 400Mm Dia Neck Plastic Square To Round Adaptor
450/350	450X450Mm / 350Mm Dia Neck Plastic Square To Round Adaptor
450/300	450X450Mm / 300Mm Dia Neck Plastic Square To Round Adaptor
450/250	450X450Mm / 250Mm Dia Neck Plastic Square To Round Adaptor
450/200	450X450Mm / 200Mm Dia Neck Plastic Square To Round Adaptor
500/500	500X500Mm / 500Mm Dia Neck Plastic Square To Round Adaptor
500/450	500X500Mm / 450Mm Dia Neck Plastic Square To Round Adaptor
500/400	500X500Mm / 400Mm Dia Neck Plastic Square To Round Adaptor
500/350	500X500Mm / 350Mm Dia Neck Plastic Square To Round Adaptor
500/300	500X500Mm / 300Mm Dia Neck Plastic Square To Round Adaptor
500/250	500X500Mm / 250Mm Dia Neck Plastic Square To Round Adaptor
500/200	500X500Mm / 200Mm Dia Neck Plastic Square To Round Adaptor
550/550	550X550Mm / 550Mm Dia Neck Plastic Square To Round Adaptor
550/500	550X550Mm / 500Mm Dia Neck Plastic Square To Round Adaptor
550/450	550X550Mm / 450Mm Dia Neck Plastic Square To Round Adaptor
550/400	550X550Mm / 400Mm Dia Neck Plastic Square To Round Adaptor
550/350	550X550Mm / 350Mm Dia Neck Plastic Square To Round Adaptor
550/300	550X550Mm / 300Mm Dia Neck Plastic Square To Round Adaptor
550/250	550X550Mm / 250Mm Dia Neck Plastic Square To Round Adaptor
550/200	550X550Mm / 200Mm Dia Neck Plastic Square To Round Adaptor

DAMPERS

Part	Description
BMSDQ/100	100Ø Flanged Spigots with Quad Damper
BMSDQ/125	125Ø Flanged Spigots with Quad Damper
BMSDQ/150	150Ø Flanged Spigots with Quad Damper
BMSDQ/200	200Ø Flanged Spigots with Quad Damper
BMSDQ200/25	
BMSDQ/225	225Ø Flanged Spigots with Quad Damper
BMSDQ/250	250Ø Flanged Spigots with Quad Damper
BMSDQ250/25	
BMSDQ/300	300Ø Flanged Spigots with Quad Damper
BMSDQ300/25	
BMSDQ/350	350Ø Flanged Spigots with Quad Damper
BMSDQ/400	400Ø Flanged Spigots with Quad Damper
150BD	150Ø Balancng Damper With Quadrant Damper
200BD	200Ø Balancng Damper With Quadrant Damper
250BD	250Ø Balancng Damper With Quadrant Damper
300BD	300Ø Balancng Damper With Quadrant Damper
350BD	350Ø Balancng Damper With Quadrant Damper
400BD	400Ø Balancng Damper With Quadrant Damper
BMS/100	100Ø Bell Mouthed Spigot
BMS/125	125Ø Bell Mouthed Spigot
BMS150/25	150Ø Bell Mouthed Spigot
BMS200/25	200Ø Bell Mouthed Spigot
BMS/225	225Ø Bell Mouthed Spigot
BMS/250	250Ø Bell Mouthed Spigot
BMS300/25	300Ø Bell Mouthed Spigot
2041DT	DUCT JOINER 125 DIA
2042DT	150Ø Metal Duct Joiner
2043DT	200Ø Metal Duct Joiner
2044DT	250Ø Metal Duct Joiner
2045DT	300Ø Metal Duct Joiner
2046DT	350Ø Metal Duct Joiner
2047DT	400Ø Metal Duct Joiner
2048DT	450Ø Metal Duct Joiner



Flanged Spigots with Quad Damper



Balancing Damper with Quad Damper



Bell Mouthed Spigot



Metal Duct Joiner

DAMPERS

2049DT	500Ø Metal Duct Joiner
SAB 100	100mm 90 degree Adjustable Bend Galv
SAB 150	150mm 90 degree Adjustable Bend Galv
SAB 200	200mm 90 degree Adjustable Bend Galv
SAB 250	250mm 90 degree Adjustable Bend Galv
SAB 300	300mm 90 degree Adjustable Bend Galv
SAB 400	400mm 90 degree Adjustable Bend Galv
PMD150	150Ø Plastic Motorised Damper - Metal Blade
PMD200	200Ø Plastic Motorised Damper - Metal Blade
PMD250	250Ø Plastic Motorised Damper - Metal Blade
PMD300	300Ø Plastic Motorised Damper - Metal Blade
PMD350	350Ø Plastic Motorised Damper - Metal Blade



Madonna Cowl Hat

COWLS/FLASHING/REDUCERS/BRANCHES

Part	Description
MC-100	100Ø Cowl
MC-125	Madonna Cowl Hat 125
MC-150	150Ø Cowl
MC-200	200Ø Cowl
MC-250	250 Ø Cowl
MC-300	300Ø Cowl
MC-T100	100Ø Cowl Tube - 600Ø Long
MC-T125	125Ø Cowl Tube - 600Ø Long
MC-T150	150Ø Cowl Tube - 600Ø Long
MC-T200	200Ø Cowl Tube - 600Ø Long
MC-T250	250Ø Cowl Tube - 600Ø Long
MC-T300	300Ø Cowl Tube - 600Ø Long
MC-T350	350Ø Cowl Tube - 600Ø Long
DFE103B	Flashing To Suit 100Ø. Tube
DFE104B	Flashing To Suit 150Ø. Tube
DFE106B	Flashing To Suit 200Ø. Tube
DFE107B	Flashing To Suit 250-300Ø. Tube



Cowl Tube



Flashing

COWLS/FLASHING/REDUCERS/BRANCHES

SPF5080	Springseal 50-80Ø Flashing
SPFZ2070	Springseal Zip 20-70Ø Flashing
REDUCER1	200-150Ø Abs Duct Reducer
REDUCER2	250-200Ø Abs Duct Reducer
REDUCER3	300-250Ø Abs Duct Reducer
REDUCER4	350-300Ø Abs Duct Reducer
REDUCER5	400-350 Ø Duct Reducers
150-150-150	150-150-150 Y Branch
Y1	200,150, 150Ø Abs Y-Branch Uninsulated
Y2	250-200, 200-150, 200-150Ø Abs Y-Branch Uninsulated
Y3	300-200, 250-200, 250-200Ø Abs Y Branch Uninsulated
Y4	350-300, 300-250, 350-300Ø Abs Y-Branch Uninsulated
Y5	400-350, 350-300, 350-300Ø Abs Y-Branch Uninsulated
Y6	450-400, 400-350, 400-350-300Ø Abs Y Branch Uninsulated
Y7	500-450, 450-400,450-400-350Ø Abs Y-Branch Uninsulated
200-150-150-150	200-150-150-150Ø Abs Y-Branch Uninsulated
250-150-150-150	4 Way Splitter
Y1-I	200, 150, 150Ø Abs Y-Branch Insulated
Y2-I	250-200, 200-150, 200-150Ø Abs Y-Branch Insulated
Y3-I	300-250, 250-200, 250-200Ø Abs Y-Branch Insulated
Y4-I	350-300, 300-250, 350-300Ø Abs Y-Branch Insulated
Y5-I	400-350, 350-300, 350-300Ø Abs Y-Branch Insulated



Abs Duct Reducer



Y-Branch

SIDE ENTRY BOXES

Part	Description
670	150x150Mm / 150Mm Dia Neck Insulated Side Entry Box
671	150x150Mm / 100Mm Dia Neck Insulated Side Entry Box
672	225x225Mm / 200Mm Dia Neck Insulated Side Entry Box
673	225x225Mm / 150Mm Dia Neck Insulated Side Entry Box
674	300x300Mm / 300Mm Dia Neck Insulated Side Entry Box
675	300X300Mm / 250Mm Dia Neck Insulated Side Entry Box
676	300x300Mm / 200Mm Dia Neck Insulated Side Entry Box
677	300X300Mm / 150Mm Dia Neck Insulated Side Entry Box
678	375x375Mm / 300Mm Dia Neck Insulated Side Entry Box
679	375x375Mm / 250Mm Dia Neck Insulated Side Entry Box
680	375X375Mm / 200Mm Dia Neck Insulated Side Entry Box
681	375X375Mm / 150Mm Dia Neck Insulated Side Entry Box
682	450X450Mm / 350Mm Dia Neck Insulated Side Entry Box
683	450X450Mm / 300Mm Dia Neck Insulated Side Entry Box
684	450X450Mm / 250Mm Dia Neck Insulated Side Entry Box
686	400X400Mm / 250Mm Dia Neck Insulated Side Entry Box
687	400X400Mm / 300Mm Dia Neck Insulated Side Entry Box
688	400X400Mm / 350Mm Dia Neck Insulated Side Entry Box
689	550X550Mm / 300Mm Dia Neck Insulated Side Entry Box
690	550X550Mm / 350Mm Dia Neck Insulated Side Entry Box
691	550X550Mm / 200Mm Dia Neck Insulated Side Entry Box
692	550X550Mm / 250Mm Dia Neck Insulated Side Entry Box
693	550X400Mm / 200Mm Dia Neck Insulated Side Entry Box



Side Entry Box



TERMS & CONDITIONS OF SALE

AHI CARRIER (NZ) LIMITED ("AHI CARRIER") TERMS AND CONDITIONS

These terms and conditions apply to all orders placed with and goods and services supplied by AHI Carrier but shall be read subject to the terms of any written quotation provided by AHI Carrier, the Buyer's order, except to the extent of any term or condition which is inconsistent with or qualifies or is contrary to these terms and conditions and any written confirmation of the Buyer's order or other written agreement of AHI Carrier (together "the contract").

1. PRICE

1.1. Prices are based on manufacturer's list price and/or cost of labour and raw materials, exchange rates, freight rates, insurance rates, and customs and GST rates ruling, as far as can be ascertained, at the time of quotation but the price payable by the Buyer shall be the price ruling at the time the goods are delivered to the Buyer or the services performed for the Buyer by AHI Carrier adjusted to take account of any changes in such prices, costs and rates, including any margin. Where there is any change in any laws, regulations, bylaws, codes or standards as a result of which additional costs or expenses are incurred or payable by AHI Carrier, such costs and expenses shall be added to the price and payable by the Buyer.

1.2. All prices are expressed in NZ dollars exclusive of GST and any other taxes, duties and levies, freight, insurance and handling charges and installation costs, all of which shall be added to the price and payable by the Buyer.

1.3. AHI Carrier will not be bound by clerical errors or omissions whether in computation or otherwise in any quotation, acknowledgment or invoice and the same shall be subject to correction.

2. ORDERS

2.1. Except as otherwise permitted by AHI Carrier all orders must be in writing and on AHI Carrier's standard purchase order form (if any). Orders may be faxed or emailed. AHI Carrier will not be liable for any errors in filling the terms of any order not in writing.

2.2. No order shall be binding on AHI Carrier until accepted in writing by AHI Carrier.

2.3. If additions or modifications to the goods and/or services quoted or ordered are requested by the Buyer and accepted in writing by AHI Carrier then the quotation or order will be adjusted to such extent as may be necessary having regard to the nature and extent of such additions or modifications but all other terms of the quotation or order shall continue to apply.

2.4. Orders, once accepted may not be cancelled and goods may not be returned for credit unless otherwise agreed.

2.5. AHI Carrier may make goods available on an installment basis with each installment constituting a separate order with the price being payable accordingly.

3. PAYMENT

3.1. If a deposit is required, it shall be paid immediately upon the Buyer's acceptance of the quotation or, where there is no quotation, immediately upon AHI Carrier's acceptance of the Buyer's order.

3.2. The price for the goods and services (excluding any deposit paid) shall be due and payable by the Buyer immediately upon receipt of invoice unless otherwise stipulated. If AHI Carrier stipulates that its standard credit terms apply, payment shall be due on the 20th of the month after invoice.

3.3. AHI Carrier may claim progress payments if quoted works are delayed or extend beyond one calendar month from commencement of the work.

3.4. Payment shall be made in cleared funds to the nominated account of AHI Carrier or in such other manner as AHI Carrier shall stipulate. Where goods and/or services are supplied overseas, payment shall be made in New Zealand currency at the rate of exchange ruling at the time of payment.

3.5. The Buyer shall not be entitled to withhold payment or make any deductions from or set-off against the contract price.

3.6. Any amount not paid on the due date shall incur interest at the rate of 2.5% per month or part month. Any costs, expenses, disbursements including legal costs (on a solicitor/own client basis) incurred by Carrier in the enforcement of its rights shall be paid by the Buyer on demand.

4. DELIVERY AND INSTALLATION

4.1. AHI Carrier will use all reasonable endeavours (subject to availability) to deliver, and where applicable, install the goods or provide the services at the time requested by the Buyer but will not be liable for any loss or damage whatsoever incurred by the Buyer by reason of any delay in or failure to do so and the Buyer shall not be entitled to cancel any order or refuse to accept delivery or refuse or delay payment as a result thereof.

4.2. Carrier shall be entitled to deliver the goods before the time requested by the Buyer.

4.3. AHI Carrier's delivery obligations shall be limited to making the goods available at its premises unless otherwise agreed by AHI Carrier in writing. Where the goods are to be delivered to the Buyer's premises, the Buyer shall ensure that AHI Carrier has full, free and uninterrupted access to the Buyer's premises to enable the goods to be delivered.

4.4. If the Buyer cannot or will not accept delivery of the goods at the requested date or such other date agreed by AHI Carrier in writing the Buyer shall pay on demand to AHI Carrier any storage charges incurred by AHI Carrier for the goods from the date following the date on which delivery was to be made until the date on which the goods are dispatched to the Buyer.

4.5. The Buyer shall promptly check for correctness in deliveries made and advise AHI Carrier of any discrepancy or shortage in the goods delivered or for any damage thereto. No claim for any discrepancy or shortage in the goods delivered or for any damage thereto will be admitted unless it is made in writing to AHI Carrier within 48 hours of delivery.

4.6. If AHI Carrier has agreed to install the goods or provide services at the Buyer's premises, the Buyer shall (at the Buyer's cost):

(a) Ensure that AHI Carrier has full, free and uninterrupted access to the Buyer's premises in all weathers without interruption or interference as and when specified or requested by AHI Carrier;

(b) Ensure that the Buyer's premises and foundations are structurally sound and in a proper condition for the installation to proceed;

(c) Provide all plant, materials, services and amenities required to be provided by the Buyer at such times and such manner as to cause AHI Carrier no delay in carrying out the installation;

(d) Provide safe and secure on site storage for materials and accessories supplied and used by AHI Carrier; and

(e) Obtain any license, permit, certificate or approval required to enable Carrier to carry out the installation.

4.7. If the Buyer does not comply with its obligations under this clause, the Buyer shall pay any additional costs or expenses incurred by AHI Carrier on demand.

5. RISK

5.1. Unless otherwise agreed by AHI Carrier in writing, the risk of any loss or damage to or deterioration of the goods shall pass to the Buyer when those items are removed from AHI Carrier's premises and it shall be the Buyer's responsibility to insure the goods from that time.

5.2. The risk of any loss or damage to or deterioration of any works carried out by AHI Carrier at the Buyer's premises shall pass to the Buyer when those works are no longer under AHI Carrier's direct control.

6. OWNERSHIP

6.1. Ownership of the goods will not pass to the Buyer until the Buyer has paid all monies owing to AHI Carrier (whether or not for the goods). Until such payment is made, ownership of the goods will remain with AHI Carrier and the Buyer will hold the goods as bailee for AHI Carrier with AHI Carrier having the irrevocable right to enter the Buyer's premises and disable or take possession of the goods at any time after payment is due and without being responsible for any damage caused thereby. The Buyer hereby indemnifies and agrees to hold harmless AHI Carrier from and against any costs associated with disabling (and subsequently re-enabling) or repossessing the goods and any damage howsoever caused in relation thereto including consequential loss or damage to any third party or to the Buyer.

6.2. If the Buyer resells the goods or any of them before payment is made, the Buyer shall hold the sale proceeds for and account of AHI Carrier. The Buyer shall ensure that any sale proceeds are paid into a separate bank account so that the proceeds are identifiable and traceable. If the Buyer resells the goods or any of them so as to create a debt owed to the Buyer, the Buyer hereby assigns all legal and equitable title to that debt to AHI Carrier and the Buyer hereby irrevocably appoints AHI Carrier as its attorney with all powers permitted by law for the purpose of effecting any such assignment and recovery of any such debt in the name of the Buyer for the benefit of AHI Carrier.

7. SECURITY

7.1. The Buyer acknowledges that these terms and conditions create a security interest in the goods and any proceeds of the sale of the goods as security for all of the Buyer's obligations to AHI Carrier pursuant to the Personal Property Securities Act 1999 ("the PPSA") in respect of which AHI Carrier may register a financing statement.

7.2. The Buyer shall provide all information, execute or arrange for execution of all documents and do all other things that AHI Carrier may require to ensure that AHI Carrier has a perfected first ranking security interest in the goods under the PPSA.

7.3. The Buyer shall immediately upon request by AHI Carrier, procure from any person considered by AHI Carrier to be relevant to its security position such agreements and waivers as AHI Carrier may at any time require.

7.4. The Buyer shall immediately notify AHI Carrier of any change in the Buyer's name, address details and any other information provided to AHI Carrier to enable AHI Carrier to register a financing change statement if required.

7.5. The Buyer waives its rights to receive a verification statement in respect of any financing statement or financing change statement registered by or on behalf of AHI Carrier under the PPSA and agrees that as between AHI Carrier and the Buyer the Buyer will have no rights under (or by reference to) sections 114(1)(a), 116, 117(1)(c), 119, 120(2), 121, 125, 129, 131, 132, 133 and 134 of the PPSA and where AHI Carrier has rights in addition to those in part 9 of the PPSA, those rights shall continue to apply.

7.6. In addition to the security interest in the goods, the Buyer hereby charges in favour of AHI Carrier all right, title and interest of the Buyer in and to the Buyer's premises as further security for the performance of the Buyer's obligations under the contract and agrees that AHI Carrier may register a caveat in respect of the security hereby created.

8. SPECIFICATIONS

8.1. Dimensions and specifications contained or referred to in the contract or in any catalogues or other publications made available by AHI Carrier are estimates only and the goods supplied may not correspond precisely with such dimensions and specifications. The goods will usually be expected to operate within customary or reasonable tolerances but no warranty is given in this regard.

8.2. AHI Carrier reserves the right to make minor modifications to the goods ordered. Any major modifications to the goods must be agreed in writing by the parties.

8.3. Any information provided by AHI Carrier concerning performance capability, noise and/or vibration levels of the goods is given only for advice or guidance and AHI Carrier does not give any warranty or contractual undertaking of any nature whatsoever that such performance or such levels will be achieved or met following installation or operation.

9. WARRANTIES

9.1. Where goods and/or services are supplied to the Buyer by AHI Carrier on the basis of AHI Carrier's Warranty Policy, the only warranties given by AHI Carrier are set out in the Warranty Policy. Where the Warranty Policy applies the extent of AHI Carrier's liability for breach of its express warranties and the procedure for claims are set out in the Warranty Policy.

9.2. In all other cases, AHI Carrier warrants in respect of any defects in material or workmanship in new goods arising within the periods specified in the

quotation or confirmation of Buyers order or, where no time is specified, within 12 months from the date of delivery or the installation of the goods by AHI Carrier (whichever is the later) that AHI Carrier will at its sole discretion, replace the defective goods or parts thereof or repair or make good the defects or allow a credit in respect of the goods. No claim will be accepted under this warranty unless written notice of the claim is received by AHI Carrier as soon as reasonably possible after the defect is discovered nor shall any claim be accepted if any attempt to repair any defect is made by any person not authorized by AHI Carrier to effect such repairs. Should AHI Carrier elect to replace any defective goods or parts thereof or repair any defects, the Buyer shall, at its costs, deliver the goods to AHI Carrier or to such other place or places as AHI Carrier may specify.

9.3. AHI Carrier further warrants in respect of packaged liquid chillers and complete refrigerant systems supplied by AHI Carrier as self-contained packaged air conditioning units that, for any applicable period of warranty (and in any event for no longer than 18 months from the date of supply) AHI Carrier will replace refrigerant loss from the equipment caused by any defect in AHI Carrier's goods, materials or workmanship. The replacement of refrigerant by AHI Carrier does not apply where the goods have been abused, misused or adjusted by unauthorized personnel. This warranty will not apply if Carrier does not supply the complete refrigerant system.

9.4. Notwithstanding the above, no warranty is provided in respect of second hand or re-conditioned goods.

9.5. If the Buyer enters into a Service Contract with AHI Carrier in respect of any goods, the Buyer's rights under this clause will be satisfied by the warranty credit specified in the Service Contract, which shall cover the maintenance and servicing of the goods to the exclusion of this contract

with effect from the installation date. AHI Carrier may defer without penalty any maintenance service, to be provided by it for any goods sold, so long as any amounts remain overdue for payment or any credit limit is exceeded by the Buyer.

9.6. All other conditions, guarantees, warranties and assurances of any kind other than those provided above are excluded to the fullest extent permitted by law. The provisions of the Consumers Guarantees Act 1993 are excluded where the Buyer acquires the goods and/or services or holds out that the goods and/or services are being acquired for business purposes.

9.7. AHI Carrier shall not be liable for any representation or statement which is not included in these terms and conditions or any quotation or confirmation of Buyer's order. No agent, employee or representative of AHI Carrier is authorized to make or give any representations, conditions, guarantees or warranties which are not confirmed by AHI Carrier in writing.

10. LIMITATION OF LIABILITY

10.1. To the fullest extent permitted by law, AHI Carrier shall not be liable whether in contract, tort (including negligence) or otherwise for any direct, indirect or consequential loss, damage or injury arising out of the manufacture, sale, delivery, installation, existence or use of the goods or supply of the services.

10.2. Regardless of the legal basis of any claim, AHI Carrier's maximum liability to the Buyer under any circumstances shall be limited to the price paid for the goods and/or services in relation to which the claim relates.

11. FORCE MAJEURE

11.1. AHI Carrier's obligations shall be suspended during any period in which AHI Carrier may be prevented or hindered from carrying out its obligations, through any circumstances outside its reasonable control. AHI Carrier shall not be under any liability in respect of such suspension and in particular AHI Carrier shall be under no obligation to deliver at any particular future date any goods not delivered during the period of suspension.

12. SERVANTS AND AGENTS

12.1. All references in these terms and conditions to AHI Carrier shall, where appropriate to the context, include the servants, employees and agents of AHI Carrier and every exception, limitation, condition and liberty contained and every right, exemption from liability, defence and immunity of whatsoever nature to which AHI Carrier is entitled under these terms and conditions shall also be available and shall extend to protect every such servant, employee or agent of AHI Carrier.

13. ASSIGNMENT

13.1. Unless otherwise agreed in writing, the Buyer will not assign either the benefit or the burden of the contract with AHI Carrier.

13.2. AHI Carrier shall be entitled to assign to any other person or company all or any part of AHI Carrier's right, title and interest under the contract.

14. DEFAULT BY THE BUYER

14.1. If:
(a) The Buyer fails to comply with any of its obligations under these terms and conditions; or

(b) The Buyer goes into liquidation or if an individual, commits any act of bankruptcy; or

(c) A receiver, manager, statutory manager, administrator or like person is appointed in relation to the Buyer or any of its assets; or

(d) The Buyer enters into any compromise with creditors; or

(e) Any distress or execution is levied against the Buyer's property or any judgment or any court against the Buyer remains unsatisfied for more than 7 days; or

(f) AHI Carrier reasonably believes that the Buyer is insolvent or is a credit risk; or

(g) Any of these events occur in relation to or by any guarantor of the Buyer's obligations; then AHI Carrier may exercise any one or more of the following remedies, without prejudice to any other rights or remedies which it may have:

(a) Declare all unpaid moneys to be immediately due and payable;

(b) Cancel any credit terms or discounts in favour of the Buyer and require payment in cash;

(c) Suspend performance of its obligations until the provision of sufficient security (such suspension shall not prevent AHI Carrier from terminating the contract

during the period of suspension); and/or

(d) Cancel and retain as liquidated damages any monies paid by the Buyer and sue the Buyer for damages.

14.2. In addition to any right to recover damages against the Buyer for breach of these terms and conditions (irrespective of whether AHI Carrier cancels the contract), the Buyer hereby indemnifies and agrees to hold harmless AHI Carrier from and against all cost, expenses and losses it may suffer as a result of any breach of these terms and conditions by the Buyer.

15. INTELLECTUAL PROPERTY

15.1. Copyright in all drawings, specifications and other technical information provided to the Buyer by AHI Carrier is vested in AHI Carrier.

15.2. If any goods are to be supplied to the Buyer's design, the Buyer warrants as an essential term that the manufacture and supply of the goods by AHI Carrier will not infringe any patent, copyright, registered design or other rights of any person and the Buyer hereby indemnifies and agrees to hold harmless AHI Carrier from and against any liability incurred by AHI Carrier including any costs and expenses if any claim is made by the manufacturer or supplier of such goods by AHI Carrier infringes any patent, copyright or other rights of any other person.

16. WAIVER AND VARIATION

16.1. No delay forbearance, indulgence or neglect by AHI Carrier shall constitute a waiver of any breach, right or remedy under the contract. AHI Carrier shall not be deemed to have waived any breach, right or remedy unless the waiver is in writing by AHI Carrier or by a person duly authorized by AHI Carrier

16.2. Without affecting orders which have already been accepted, AHI Carrier may alter or replace these terms and conditions at any time and all orders placed subsequently shall be on the altered or replaced terms and conditions.

17. GOVERNING LAW

17.1. These terms and conditions shall be governed by and construed in accordance with the Laws of New Zealand and the parties shall submit to the non-exclusive jurisdiction of the New Zealand Courts. In the event of any dispute arising, any proceedings will be held in Auckland, New Zealand.

17.2. The provisions of the United Nations Convention on the International Sale of Goods shall not apply to any goods supplied pursuant to these terms and conditions.

EASE OF INSTALLATION

**FACTORY™
AUTHORIZED
PARTS**

ENGINEERED QUALITY

TOTALINE®

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