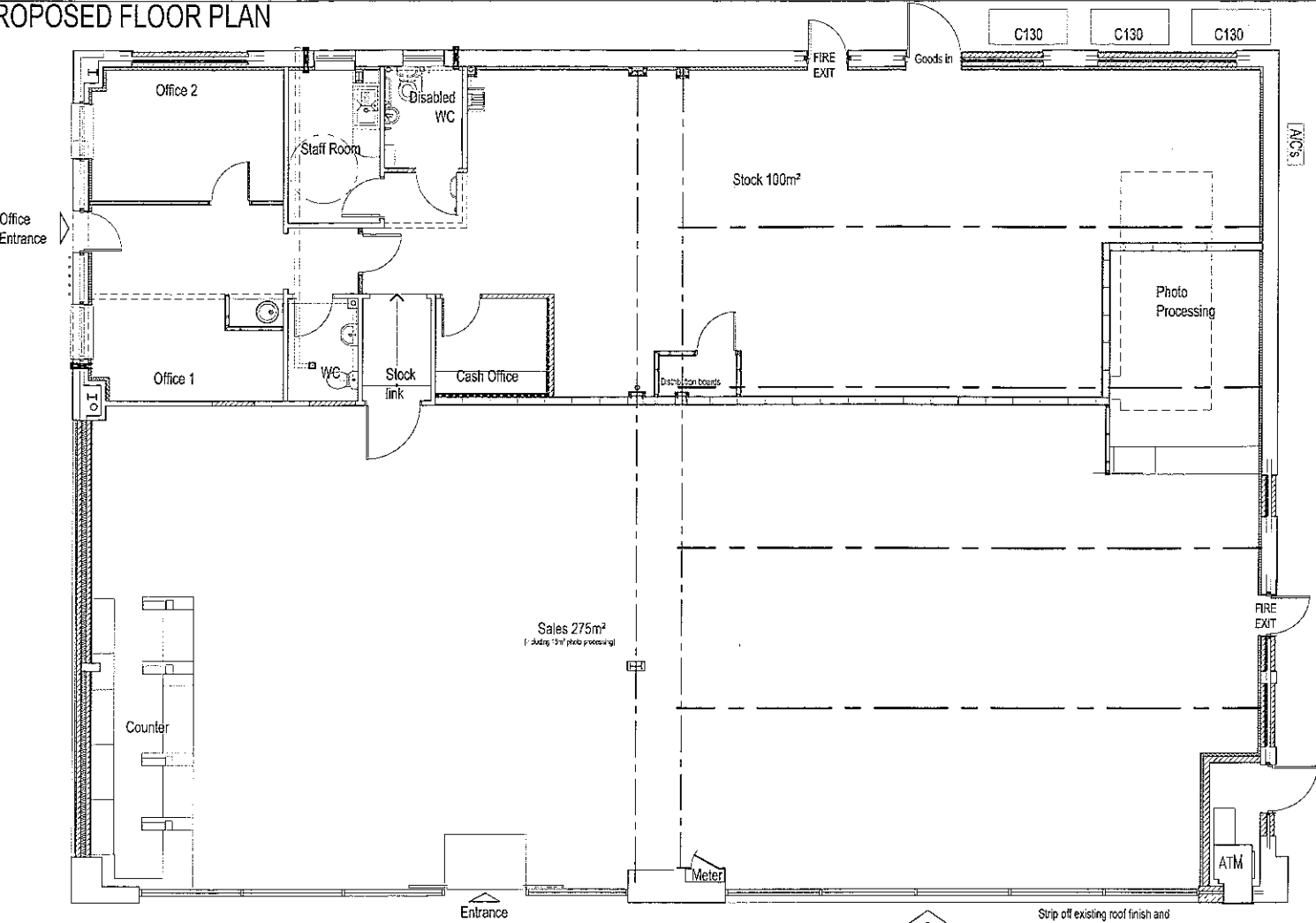
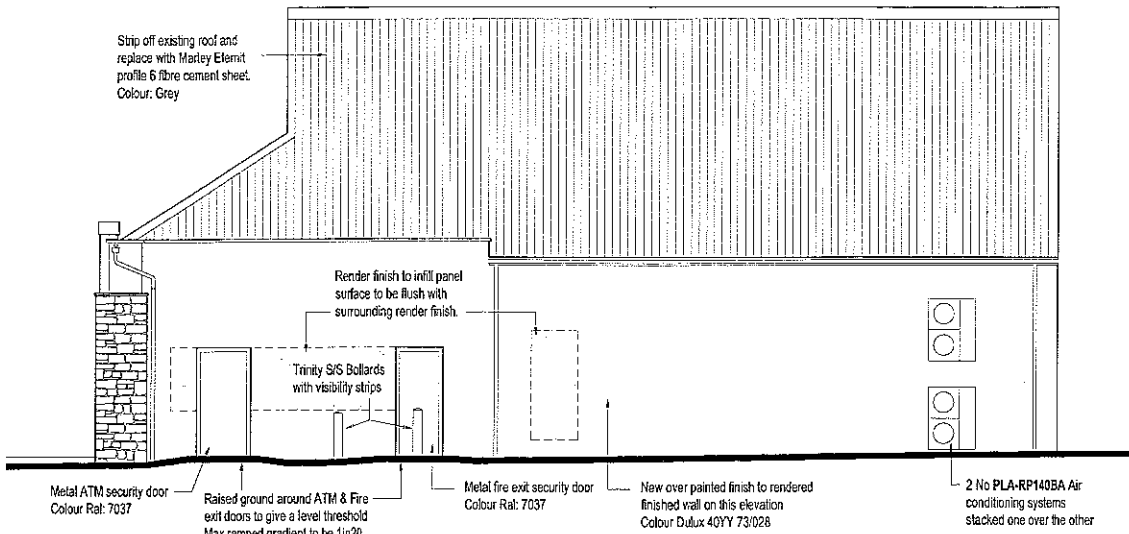


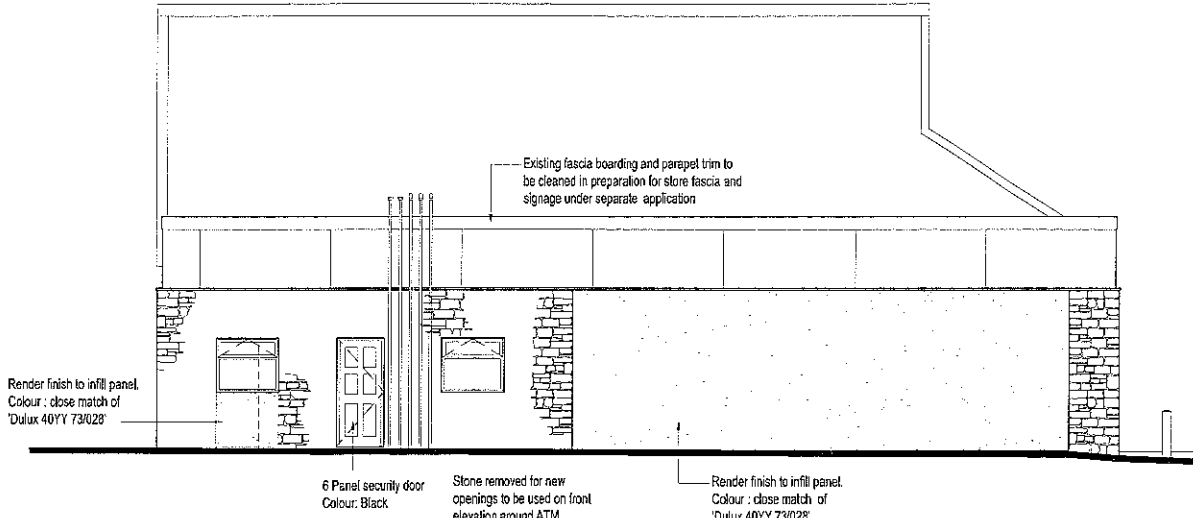
PROPOSED FLOOR PLAN



Notes: Do not scale from this drawing. This drawing is to be read in conjunction with all relevant design team specifications and drawings. All dimensions are to be checked on site prior to commencement of work any variations to be notified to the Project Architect. All components and materials are to be stored, protected, handled and installed in accordance with the manufacturer's recommendations. © Harry Walters & Livesey

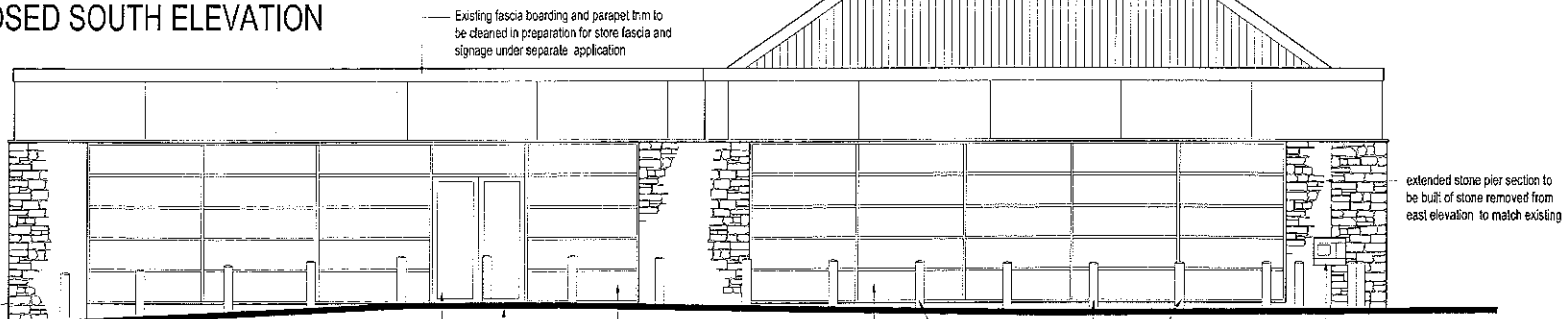


PROPOSED EAST ELEVATION

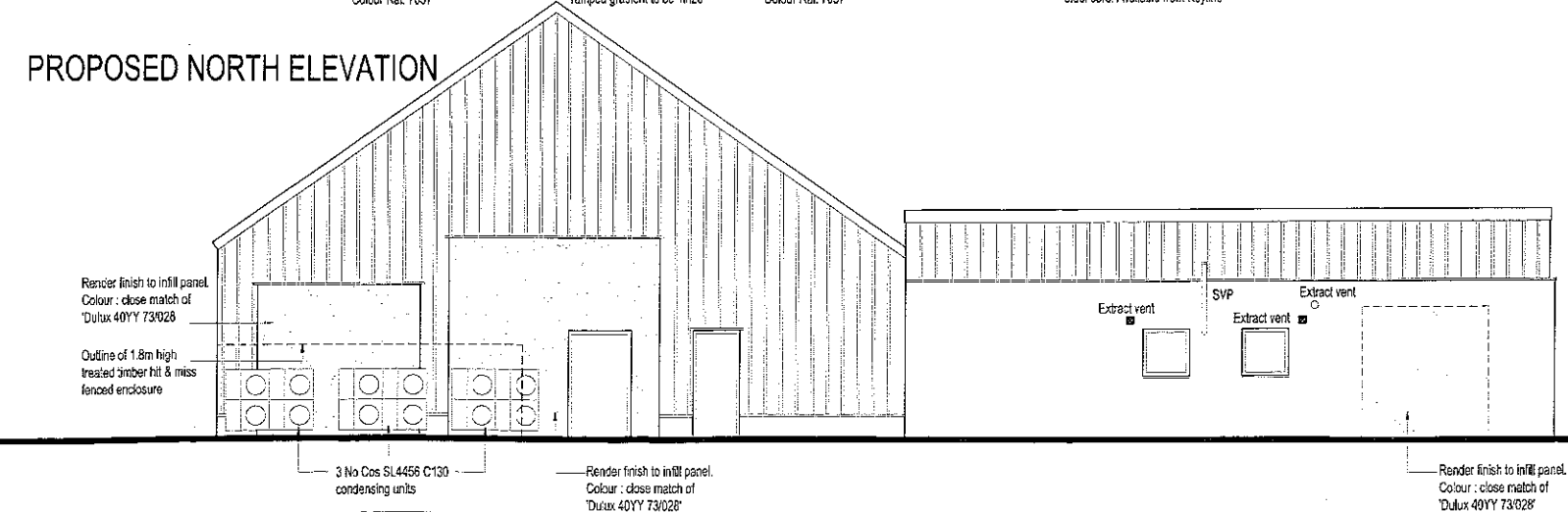


PROPOSED WEST ELEVATION

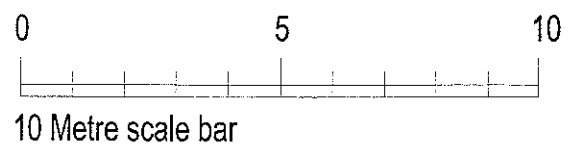
PROPOSED SOUTH ELEVATION



PROPOSED NORTH ELEVATION



AMENDED PLANS RECEIVED
DATE 21/02/11



320110052P

HWL
WEST VIEW - PRESTON - PR1 5DU

Rev A: Air conditioning & condenser units shown CAA 16/02/11		PROJECT NAME	
CLIENT James Hall & Co		Project Name	
DRAWING NAME Proposed Plan & Elevations		SCALE 1:100	DRAWN BY CAA
DATE Jan 2011	JOB NUMBER 178	DWG No PL02	REV No A
HARRY WALTERS & LIVESEY CHARTERED ARCHITECT		K.M. McFadyen Dip Arch. R1 B.A.	
		Tel No: 01772 706696 Fax No: 01772 704583	

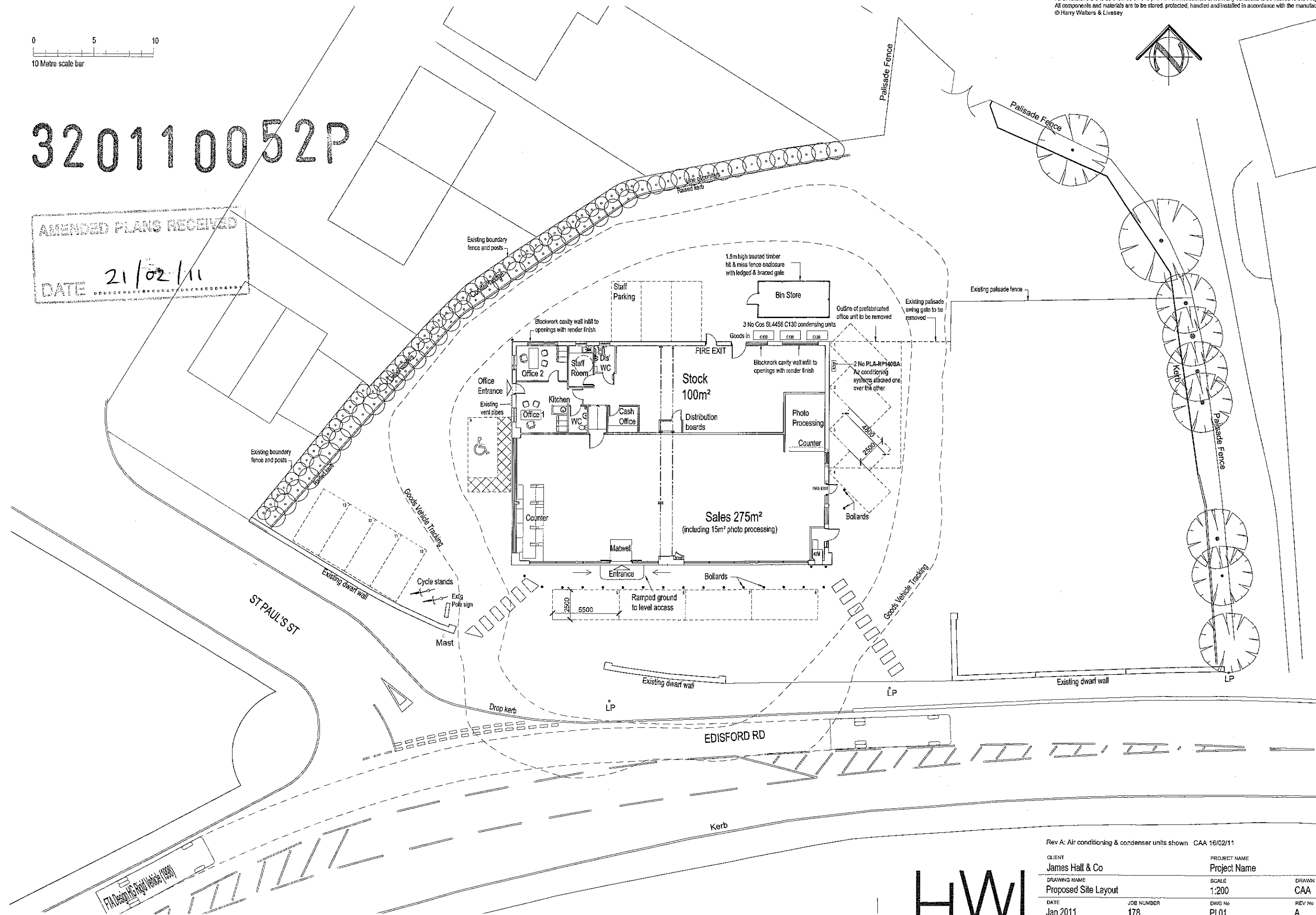
0 5 10
10 Metre scale bar

320110052P

AMENDED PLANS RECEIVED

DATE 21/02/11

Notes: Do not scale from this drawing. This drawing is to be read in conjunction with all relevant design team specifications and drawings.
All dimensions are to be checked on site prior to commencement of work any variations to be notified to the Project Architect.
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© Harry Walters & Livesey



HWL
WEST VIEW • PRESTON • PR1 5DU

Rev A: Air conditioning & condenser units shown CAA 16/02/11

CLIENT
James Hall & Co

PROJECT NAME
Project Name

DRAWING NAME
Proposed Site Layout

SCALE
1:200

DRAWN BY
CAA

DATE
Jan 2011

JOB NUMBER
178

DWG No
PL01

REV No
A

HARRY WALTERS & LIVESEY
CHARTERED ARCHITECT

K.M. McFadyen, Dip. Arch. R.I.B.A.

Tel No: 01772 706696
Fax No: 01772 704583

Low noise condensing units with 1 compressor

Unità condensatrici silenziate con 1 compressore

The SH-SM-SL series is specifically designed and built for low noise operation.

The medium sound level at 10 metres distance (ISO3744) and at maximum fan speed starts at 30dB(A) (see technical details).

The optional electronic fan speed control can even reduce further the operating noise, especially during night time operation and/or in cold climates.

The units are perfectly suitable to be installed outdoors (on roofs, terraces, external walls, etc.) because of low noise level and weather proof housing, which is protected against corrosion in order to resist the most severe weather conditions.

The elegant units are equipped with all accessories which are normally assembled by the installer and are complete with built-in electrical control panel.

The installation is very simple and quick thanks to the pre-assembled and electrically connected components.

The small footprint eases the placement and handling of the unit.

La serie SH-SM-SL è stata progettata e costruita per assicurare un funzionamento assolutamente silenzioso.

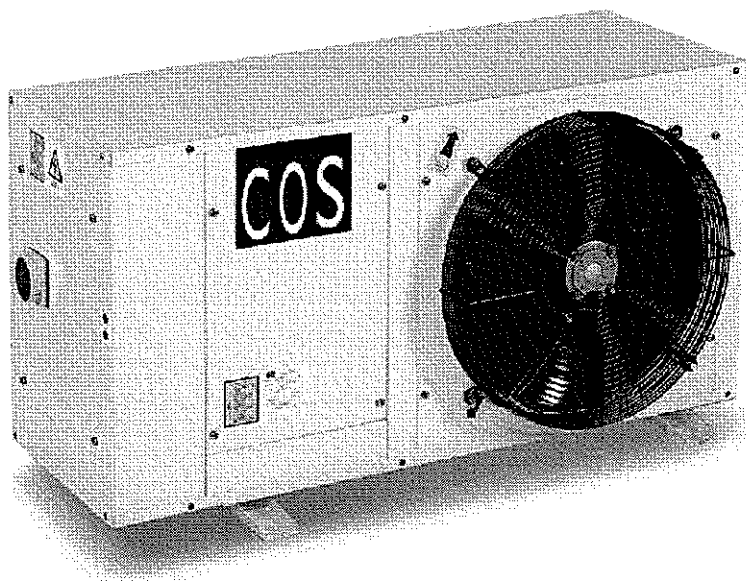
Il livello sonoro medio a 10 metri di distanza (ISO3744) parte da 30dB(A) con la ventola alla massima velocità (vedi dati tecnici).

Il variatore pressostatico di velocità (opzione) può ridurre ulteriormente l'emissione sonora, in particolare durante il funzionamento notturno e/o in climi freddi.

Le unità sono quindi perfettamente idonee ad essere installate esternamente (tetti, terrazze, pareti esterne, ecc.), sia per il livello sonoro contenuto, sia per la struttura esterna che è trattata contro la corrosione, per resistere alle più severe condizioni atmosferiche.

Le eleganti unità sono equipaggiate con tutti gli accessori di solito montati successivamente dall'installatore e sono complete di quadro elettrico di potenza integrato a bordo. L'installazione è particolarmente facile e veloce grazie ai componenti già montati e collegati elettricamente.

Gli spazi di ingombro ridotti facilitano il collegamento dell'unità.



*High performance
Low noise*

*Alte prestazioni
Bassa emissione sonora*

ADVANTAGES

- Energy savings: the units are optimized in order to obtain the best possible output/energy consumption ratio.
- Extremely silent operation: the units adopt technical solutions and installation features that facilitate the installation, eliminating the noisy operation of traditional machines.
- Durability: the high quality of all components guarantees a long product life, reliability and efficiency.
- Reduced maintenance costs: the ease of installation reduces maintenance costs and the technical solutions minimize their frequency.
- Fulfillment of the rules: all units fulfill the rules in force, are shielded electromagnetically and have the CE mark, relieving the installer of the responsibility during the selection of components and installation.

VANTAGGI

- Funzionamento estremamente silenzioso: l'unità adotta soluzioni tecniche e monta apparecchiature che facilitano l'installazione eliminando i problemi della rumorosità delle apparecchiature tradizionali.
- Risparmio energetico: l'unità è ottimizzata per ottenere il massimo rapporto energia resa energia assorbita.
- Lunga durata: la qualità della componentistica impiegata garantisce una lunga vita, affidabilità ed efficienza.
- Spese di manutenzione ridotte: la facilità degli interventi ne riduce i costi, mentre le soluzioni tecniche minimizzano la necessità di interventi di manutenzione.
- Rispetto delle normative: le unità soddisfano tutte le norme in vigore, sono schermate elettromagneticamente e marchiate CE, sollevando l'installatore da responsabilità nella scelta dei componenti e relativo montaggio.

ACCESSORIES

- Powder coated steel case (RAL 1013 orange peel finish)
- Hermetic Scroll compressor (reciprocating hermetic compressors on low capacity units - see technical details)
- Crankcase heater
- Condenser coil, in copper tube and aluminium fins
- Axial fan with six poles and external rotor motor
- Suction line filter (except SM 1366 - SL 1366 - SL24 - SM44 - SL44)
- Suction valve
- Liquid receiver
- Safety relief valve
- Maintenance valve on liquid line
- Filter drier on liquid line
- Solenoid valve on liquid line
- Sight glass with moisture indicator
- Liquid line valve
External Rotaloc connections (SM 14 - SM 24 - SL 14: 1" liquid line, 1" 1/4 suction line, SL 24: 1" liquid line, 1" 3/4 suction line)
- SM44 - SL44: 1" 1/4 liquid line, 1" 3/4 suction line)
- Three way service valve connection (on SM 13 - SL 13)
- Liquid injection line, discharge line thermostat (only SL series with Scroll compressors)
- Dual pressure switch with automatic reset
- Built-in Electrical control panel
- Electronic fan speed control based on condenser pressure (option)

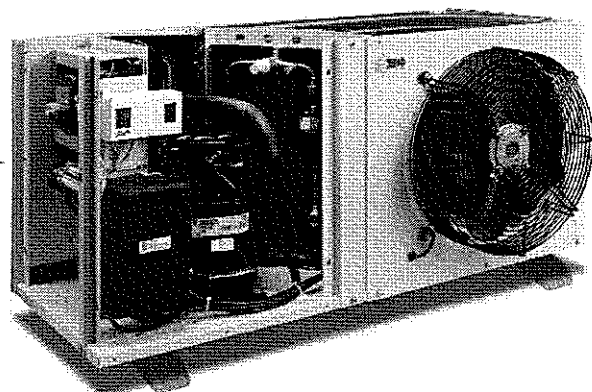
COMPONENTI

- Struttura in lamiera d'acciaio fosfatato verniciata alle polveri (RAL 1013 bucciato)
- Compressore ermetico tipo Scroll (compressore alternativo sulle unità a bassa capacità (vedi dati tecnici))
- Resistenza carter
- Condensatore in tubo di rame ed alettatura in alluminio
- Elettroventilatore a rotore esterno con motore a sei poli
- Filtro meccanico sulla linea di aspirazione (tranne SM 1366 SL 1366 - SL24 - SM44 - SL44)
- Rubinetto di aspirazione
- Ricevitore di liquido di grande capacità
- Valvola di sicurezza
- Rubinetto di servizio sulla linea di liquido
- Filtro deidratatore su linea liquido
- Valvola solenoide sulla linea di liquido
- Spia di liquido con indicatore di umidità
- Rubinetto di partenza linea liquido
- Connessione all'impianto mediante attacchi Rotaloc (SM 14 - SM 24 - SL 14: 1" linea liquido, 1" 1/4 linea aspirazione, SL 24: 1" linea liquido, 1" 3/4 linea aspirazione, SM44 - SL44: 1" 1/4 linea liquido, 1" 3/4 linea aspirazione)
- Connessione all'impianto mediante rubinetti a 3 vie (modelli SM 13 - SL 13)
- Linea di iniezione liquido, termostato gas di mandata (serie SL con compressore Scroll)
- Pressostato doppio automatico HP/LP
- Quadro elettrico integrato
- Regolatore di pressione di condensazione a mezzo variatore pressostatico della velocità del ventilatore (opzione)

Built-in Electrical Control Panel Quadro elettrico integrato

*immediate operation
perfect functioning
maximum reliability*

*immediata operatività
perfetto funzionamento
massima sicurezza*



Technical specifications

- IP55 control panel in over baked epoxy coated sheet metal casing
- Main isolator.
- Isolating transformer 220V/220V for control circuit
- Fuse protected auxiliary circuits
- Auto thermal overload protection to compressor and fan motor.
- Compressor contactor.

Caratteristiche tecniche

- Armadio di metallo, verniciato alle polveri grado di protezione IP55.
- Sezionatore di linea.
- Trasformatore di isolamento 220V/220V per il circuito di comando.
- Protezione circuiti ausiliari con fusibile
- Protezione compressore e ventilatori interruttore automatico con regolazione termica.
- Contattore compressore.

R404 A - R507 (50Hz)

MODEL - MODELLO	Amb. temp. Temp. amb.	EVAPORATING TEMPERATURE °C - COOLING CAPACITY W - TEMPERATURA D'EVAPORAZIONE °C - RESA FRIGORIFERA W					
	°C	0	-5	-10	-15	-20	-25
SM 1366C10	27	1850	1500	1200	960	780	-
	32	1784	1440	1160	920	730	-
	38	1700	1370	1090	850	670	-
SM 1366C15	27	2700	2170	1700	1330	1030	-
	32	2600	2080	1630	1250	960	-
	38	2480	1970	1540	1170	880	-
SM 1366C20	27	3090	2520	2030	1650	-	-
	32	2980	2420	1930	1550	-	-
	38	2840	2290	1830	1450	-	-
SM 1366C25	27	3970	3270	2660	2170	-	-
	32	3820	3130	2540	2040	-	-
	38	3650	2960	2380	1910	-	-
SM 1406C30	27	4740	3810	2980	2300	-	-
	32	4580	3670	2850	2160	-	-
	38	4360	3470	2680	2020	-	-
SM 1456C40	27	6240	5060	4000	3040	-	-
	32	6000	4870	3800	2870	-	-
	38	5700	4600	3590	2680	-	-
SM 1456C60	27	7060	6150	5220	4460	3750	3120
	32	6470	5660	4900	4140	3520	2920
	38	5880	5070	4420	3730	3190	2640
SM 1456C70	27	8200	7160	6250	5360	4550	3800
	32	7630	6680	5780	4980	4200	3530
	38	-	5860	5180	4480	3810	3200
SM 1456C80	27	9270	8100	7070	6120	5200	4320
	32	8510	7500	6530	5620	4780	3980
	38	-	-	5810	5010	4280	3620
SM 2406C100	27	12030	10500	9070	7760	6580	5460
	32	10950	9600	8370	7130	6060	5020
	38	9880	8650	7520	6410	5440	4550
SM 2456C130	27	14900	12940	11170	9460	7950	6620
	32	13640	11880	10290	8840	7400	6180
	38	12380	10830	9400	7960	6670	5560
SM 2456C150	27	18400	16000	13800	11700	9800	8150
	32	17200	14950	12800	10900	9200	7600
	38	15500	13500	11650	9950	8400	6950
SM 4406C160	27	19400	16700	14300	12000	10000	8300
	32	18100	15600	13400	11300	9450	7800
	38	16450	14200	12200	10350	8700	7200
SM 4456C220	27	26200	22700	19550	16600	13900	11300
	32	24400	21100	18200	15500	13000	10750
	38	22150	19200	16600	14150	11900	9800

Cooling capacity at 25°C suction gas temperature. Models rated for R404A may also be applied with R507. In this case, multiply stated cooling capacity by 1.03 and power input by 1.02.

Rese con temperatura gas aspirato a 25°C. I modelli indicati per R404A possono essere utilizzati anche per R507. In questo caso moltiplicare la resa frigorifera x 1.03 e la potenza assorbita x 1.02.

TECHNICAL DATA CARATTERISTICHE TECNICHE

MODEL - MODELLO	N° fans N° vent.	Dimensions (mm) Dimensioni (mm)			Noise Level Livello sonoro dB(A(1))	Compr.	Fixing (mm) Fissaggio (mm)		Piping (mm) Tubazioni (mm)		Receiver Ricevitore	Weight Peso (Kg)	Max abs. Curr. Max corr. Ass. (A)		Refrig.
		A	B	H			a	b	liquid liquido	suct. aspir.	(l)		230V/50	400V/50	
SM 1366C10	1	1005	530	505	30	CAJ9480Z	740	500	10	16	4,5	68	5,8	-	R404A
SM 1366C15	1	1005	530	505	31	CAJ9513Z	740	500	10	16	4,5	69	8,8	-	R404A
SM 1366C20	1	1005	530	505	33	TAJ4517Z	740	500	10	16	4,5	68	-	3,5	R404A
SM 1366C25	1	1005	530	505	35	TAJ4519Z	740	500	10	16	4,5	69	-	4,9	R404A
SM 1406C30	1	1100	530	585	38	TFH4524Z	740	500	10	16	7	85	-	5,2	R404A
SM 1456C40	1	1100	530	585	39	TFH4531Z	740	500	10	18	7	86	-	6,4	R404A
SM 1456C60	1	1100	530	585	38	ZB 21	740	500	10	18	7	89	-	7,8	R404A
SM 1456C70	1	1100	530	585	39	ZB 26	740	500	12	18	7	94	-	8,5	R404A
SM 1456C80	1	1100	530	585	40	ZB 30	740	500	12	22	7	103	-	9,0	R404A
SM 2406C100	2	1005	530	1140	41	ZB 38	740	500	14	28	7	124	-	11,7	R404A
SM 2456C130	2	1005	530	1140	41	ZB 45	740	500	14	28	7	147	-	15,0	R404A
SM 2456C150	2	1250	765	1210	43	ZB 56	940	736	18	35	12	230	-	16,9	R404A
SM 4406C160	4	1710	765	1210	44	ZB 56	1010	736	18	35	24	300	-	17,5	R404A
SM 4456C220	4	1710	765	1210	45	ZB 75	1010	736	18	35	24	305	-	25,0	R404A



Medium sound level (ISO 3744) at 10 mt with maximum fan speed
Livello sonoro medio (ISO 3744) a 10 mt con ventola alla massima velocità

20110052P

SM SL SH SERIES

SL SERIES

R404 A - R507 [50Hz]

MODEL - MODELLO	Amb. temp. Temp. amb.	EVAPORATING TEMPERATURE °C - COOLING CAPACITY W - TEMPERATURA D'EVAPORAZIONE °C - RESA FRIGORIFERA W					
	°C	-15	-20	-25	-30	-35	-40
SL 1366C8	27	2580	2130	1830	1470	1000	390
	32	2350	1960	1640	1330	890	360
	38	2080	1730	1440	1140	780	290
SL 1366C10	27	3670	2970	2420	1800	1305	700
	32	3360	2700	2180	1620	1150	610
	38	2960	2350	1900	1390	960	500
SL 1366C19	27	4710	3890	3280	2630	2160	1520
	32	4270	3540	2970	2360	1910	1440
	38	-	3100	2570	2020	1590	1080
SL 1406C20	27	5190	4260	3560	2820	2310	1670
	32	4760	3890	3210	2530	2060	1490
	38	4200	3420	2810	2190	1710	13250
SL 1406C25	27	4290	3670	3080	2560	2090	1680
	32	3950	3380	2840	2380	1950	1570
	38	3550	3030	2560	2150	1760	1410
SL 1406C30	27	5020	4320	3670	3070	2500	2050
	32	4640	3990	3390	2810	2320	1880
	38	4120	3560	3040	2540	2100	1700
SL 1456C35	27	6180	5290	4460	3700	3030	1430
	32	5700	4890	4120	3420	2820	2270
	38	5160	4380	3700	3090	2560	2050
SL 1456C45	27	7170	6180	5150	4380	3590	2920
	32	6660	5650	4800	4030	3320	2690
	38	5940	5040	4300	3580	2970	2410
SL 1456C50	27	8000	6940	5950	5030	4170	3370
	32	7340	6360	5450	4600	3830	3100
	38	-	5670	4940	4120	3430	2780
SL 2406C65	27	11050	9450	7990	6600	5360	4310
	32	10280	8800	7400	6200	5030	4000
	38	9300	8010	6700	5630	4550	3590
SL 2456C85	27	14500	12520	10700	8870	7260	5760
	32	13400	11600	9850	8260	6800	5330
	38	12950	10400	8930	7500	6130	4800
SL 4406C110	27	19350	16600	14000	11600	9400	7400
	32	18000	15350	13000	10800	8800	6850
	38	16250	10400	11800	9750	7850	6050
SL 4456C130	27	22000	18800	15700	13000	10700	8580
	32	20400	17400	14700	12100	9900	8000
	38	18500	15700	13200	11000	9050	7250

Cooling capacity at 25°C suction gas temperature. Models rated for R 404A may also be applied with R 507. In this case, multiply stated cooling capacity by 1.03 and power input by 1.02.

Rese con temperatura gas aspirato a 25°C. I modelli indicati per R404A possono essere utilizzati anche per R507. In questo caso moltiplicare la resa frigorifera x 1,03 e la potenza assorbita x 1,02.

TECHNICAL DATA CARATTERISTICHE TECNICHE

MODEL - MODELLO	N° fans N° vent.	Dimensions (mm) Dimensioni (mm)			Noise level Livello sonoro dB(A(1))	Compr.	Fixing (mm) Fissaggio (mm)		Piping (mm) Tubazioni (mm)		Receiver Ricevitore	Weight Peso	Max abs. Curr. Max corr. Ass. (A)		Refrig.
		A	B	H			a	b	liquid liquido	suct. aspir.			230/150	400/350	
SL 1366C8	1	1005	530	585	31	CAJ2464Z	740	500	10	16	4,5	69	7,8		R404A
SL 1366C10	1	1005	530	585	33	TFH2480Z	740	500	10	16	4,5	78	-	3,8	R404A
SL 1366C19	1	1005	530	585	39	TFH2511Z	740	500	10	16	4,5	78	-	5,1	R404A
SL 1366C20	1	1100	530	585	40	TFH2511Z	740	500	10	16	4,5	87	-	5,2	R404A
SL 1406C25	1	1100	530	585	36	ZF09	740	500	10	22	7	84	-	5,2	R404A
SL 1456C30	1	1100	530	585	37	ZF11	740	500	10	22	7	85	-	6,2	R404A
SL 1456C35	1	1100	530	585	38	ZF13	740	500	12	22	7	104	-	9,2	R404A
SL 1456C45	1	1100	530	585	39	ZF15	740	500	12	22	7	105	-	10,4	R404A
SL 1456C50	1	1100	530	585	40	ZF18	740	500	12	22	7	107	-	12,5	R404A
SL 2406C65	2	1260	530	1240	43	ZF24	1015	500	14	28	7	205	-	17,5	R404A
SL 2456C85	2	1260	530	1240	44	ZF33	1015	500	14	28	7	210	-	24,0	R404A
SL 4406C110	4	1710	765	1210	45	ZF40	1010	736	18	35	24	295	-	25,0	R404A
SL 4456C130	4	1710	765	1210	45	ZF48	1010	736	18	35	24	300	-	30,0	R404A



Medium sound level (ISO 3744) at 10 mt. with maximum fan speed
Livello sonoro medio (ISO 3744) a 10 mt. con ventola alla massima velocità

R404 A - R407 C (50Hz)

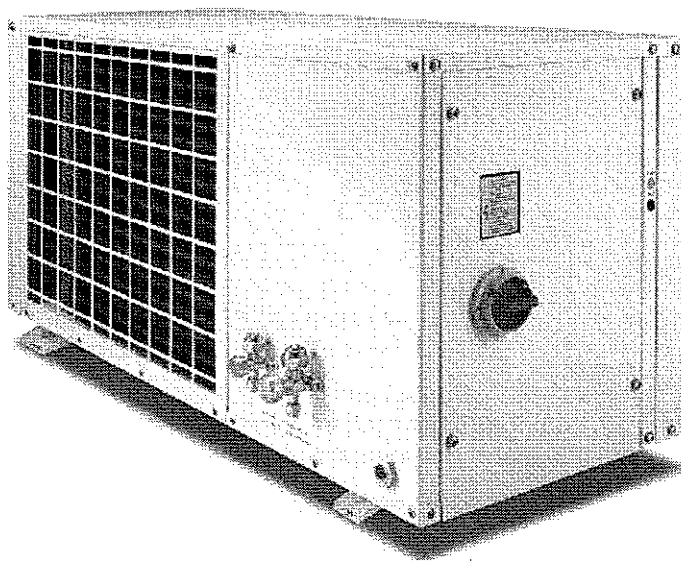
MODEL - MODELLO	Amb. temp. Temp. amb.	EVAPORATING TEMPERATURE °C - COOLING CAPACITY W - TEMPERATURA D'EVAPORAZIONE °C - RESA FRIGORIFERA W						
	°C	7	5	0	-5	-10	-15	-20
SH 1406D40	27	5730	5340	4510	3750	3060	2470	1990
	32	5350	5030	4240	3540	2860	2300	1860
	38	-	4640	3890	3230	2630	2110	1670
SH 1456D60	27	8590	8070	6810	5670	4650	3750	3020
	32	8090	7540	6370	5300	4340	3500	2800
	38	-	6980	5850	4860	3960	3190	2530
SH 2406D80	27	12330	11600	9860	8280	6840	5580	4440
	32	11600	10850	9210	7720	6390	5200	4130
	38	-	9960	8450	7080	5830	4750	3780
SH 2456D120	27	17770	16760	14070	12100	10010	8150	6470
	32	16690	15730	13360	11240	9320	7560	5920
	38	-	14450	12470	10350	8420	6850	-
SH 4406D160	27	23800	22400	19100	16000	13300	10900	8900
	32	22500	21100	17900	15100	12600	10300	8400
	38	20800	19550	16500	13900	11600	9300	-
SH 4456D220	27	32600	30700	26100	22000	18400	15100	12400
	32	30800	29000	24700	20800	17300	14300	11700
	38	28600	26800	22900	19200	16000	13000	-

Cooling capacity at 25°C suction gas temperature
Rese con temperature gas aspirato a 25°C.

TECHNICAL DATA CARATTERISTICHE TECNICHE

MODEL - MODELLO	N° fans N° vent.	Dimensions (mm) Dimensioni (mm)			Noise level livello sonoro dB(A/1)	Compr.	Fixing (mm) Fissaggio (mm)		Piping (mm) Tubazioni (mm)		Receiver Ricevitore	Weight Peso	Max abs. Curr. Max corr. Ass. (A)		Refrig.
		A	B	H			a	b	liquid liquido	suct. aspir.	(l)	(kg)	230/150	400/360	
SH 1406D40	1	1100	530	585	39	ZR22	740	500	10	18	7	77	-	4,4	R407C
SH 1456D60	1	1100	530	585	39	ZR34	740	500	10	18	7	90	-	6,5	R407C
SH 2406D80	2	1005	530	1140	40	ZR48	740	500	12	22	7	123	-	8,5	R407C
SH 2456D120	2	1005	530	1140	41	ZR72	740	500	14	28	7	145	-	12,9	R407C
SH 4406D160	4	1710	765	1210	44	ZR90	1010	736	18	35	24	295	-	16,5	R407C
SH 4456D220	4	1710	765	1210	45	ZR12	1010	736	18	35	24	300	-	22,0	R407C

Medium sound level (ISO 3744) at 10 mt with maximum fan speed
Livello sonoro medio (ISO 3744) a 10 mt con ventola alla massima velocità





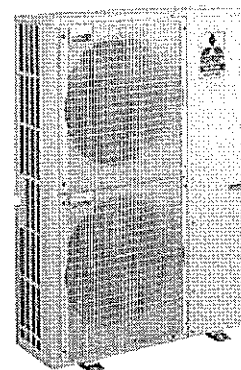
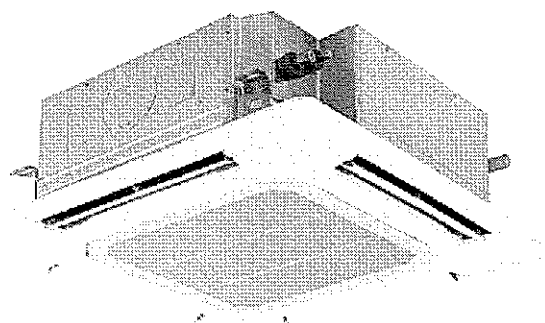
PLA-RP140BA

Standard Inverter Heat Pump

R410A 4-Way Blow Ceiling Cassette System

The new Standard Inverter range provides inverter solutions for customers who want all the benefits that inverters offer, but do not have the budget available for the more expensive Power Inverter range.

- **Airflow controllable for ceiling heights up to 4.2m, with automatic adjustment of fan speed**
- **Reduced draft air distribution, with independent vane control**
- **Filter lowering operation down to 4m (optional PLP-6BAJ grille required)**
- **Optional 'I See Sensor' for energy saving and smooth temperature control throughout the room**



Pictures not to scale

Product Details

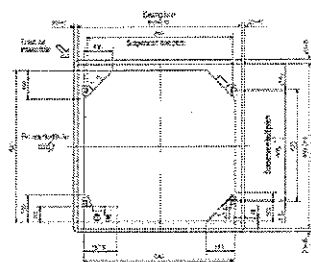
PLA-RP140BA Indoor Unit

Capacity (kW):	
Heating (Nominal) (Low - High)	16.00 (5.00 - 18.00)
Cooling (Nominal) (Low - High)	13.60 (5.50 - 15.00)
Heating (UK) (Low - High)	13.60 (4.25 - 15.30)
Cooling (UK) (Low - High)	12.25 (4.95 - 13.50)
SHF R410A (Nominal)	0.71
COP / EER (Nominal)	3.21 / 2.61
Energy Label Heating / Cooling	C / D
Width (grille) - mm	840 (950)
Depth (grille) - mm	840 (950)
Height (grille) - mm	298 (298)
Weight (grille) - kg	27 (6)
Airflow (m3/min) - Lo-Mi1-Mi2-Hi	24-26-29-32
Noise (dBA) - Lo-Mi1-Mi2-Hi	36-39-42-44
Pipe Size Gas mm (in)	15.88 (5/8)
Pipe Size Liquid mm (in)	9.52 (3/8)
Electrical Supply	Fed by Outdoor Unit
Phase	Single
Fuse Rating (BS88) - HRC (A)	6
Interconnecting Cable No. Cores	4
Grille Ref	PLP-6BA GRILLE
Remote Controller Ref	PAR-21MAA

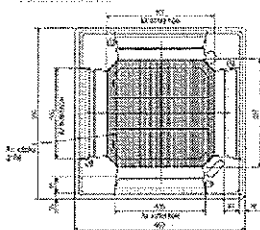
Dimensions

PLA-RP140BA

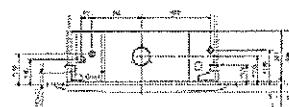
Upper View >



Front View >



Side View >

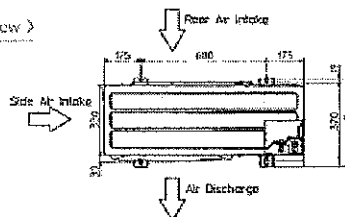


PUHZ-P140VHA2

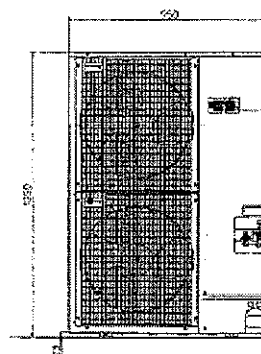
PUHZ-P140VHA2 Outdoor Unit

Width - mm	950
Depth - mm	330 + 30
Height - mm	1350
Weight - kg	99
Noise (dBA) (Heating / Cooling)	56 / 52
Electrical Supply	220-240V, 50Hz
Phase	Single
Fuse Rating (BS88) - HRC (A)	40
System Power Input (kW) - Heating (Nominal)	4.98
System Power Input (kW) - Cooling (Nominal)	5.21
System Power Input (kW) - Heating (UK)	4.43
System Power Input (kW) - Cooling (UK)	4.43
Starting Current (A)	14
System Running Current (A) - Heating / Cooling	22.23 / 23.4
Mains Cable No. Cores	3
Max Pipe Length (m)	30
Max Height Difference (m)	50
Charge (kg) - 30m	4.5

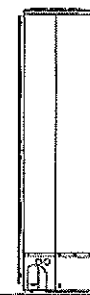
Upper View >



Front View >



Side View >



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