

**Project:** Next Retail Store  
 Unit 2, Ruislip Retail Park,  
 Victoria Road, South Ruislip  
 HA1 0AJ

**SCHEDULE 1**  
**Date:** June 2025  
**Revision:**  
 Sheet 1 of 1

**HEAT PUMP EQUIPMENT / SYSTEM REFERENCE - P01 to P18 Inclusive**

Systems to be incorporated: DX Split System **R32 Power & Standard Inverter** refrigerant systems incorporating a number of single and twin indoor unit(s) to outdoor unit configurations.

Unit Ref.	Area Served	Indoor Fan Coil Model	Unit Performance kW		Outdoor Model	Elec Supply/ Fuse Rating	FLC / SC
			Clg Total	UK Htg			
<b>Ground Floor</b>							
P01	Womenswear	PLA-ZM125EA2	11.5	11.9	PUZ-ZM125YDA	3 phase / 16A	9.5A Max / 3.5A
P02A	Womenswear	PLA-M125EA2	11.5	11.9	PUZ-M250YKA2	3 phase / 25A	22.5A Max / 5.0A
P02B	Womenswear	PLA-M125EA2	11.5	11.9			
P03A	Womenswear	PLA-M125EA2	11.5	11.9	PUZ-M250YKA2	3 phase / 25A	22.5A Max / 5.0A
P03B	Womenswear	PLA-M125EA2	11.5	11.9			
P04A	Childrenswear	PLA-M100EA2	9.20	9.50	PUZ-M200YKA2	3 phase / 25A	22.5A Max / 5.0A
P04B	Childrenswear	PLA-M100EA2	9.20	9.50			
P05A	Childrenswear	PLA-M100EA2	9.20	9.50	PUZ-M200YKA2	3 phase / 25A	22.5A Max / 5.0A
P05B	Childrenswear	PLA-M100EA2	9.20	9.50			
P06A	Main Stockroom	PEAD-M100JA2	9.20	9.50	PUZ-M200YKA2	3 phase / 25A	22.5A Max / 5.0A
P06B	Main Stockroom	PEAD-M100JA2	9.20	9.50			
<b>Mezz Level</b>							
P07A	Café Concession	PLA-ZM100EA2	9.20	9.50	PUZ-ZM200YKA2	3 phase / 25A	22.5A Max / 5.0A
P07B	Café Concession	PLA-ZM100EA2	9.20	9.50			
P08	Café BOH Prep	PKA-M60KA2	5.50	5.95	PUZ-ZM60VHA2	1 phase / 25A	19.4A Max / 5.3A
P09	Front Atrium Area	PEAD-M125JA	11.5	11.9	PUZ-ZM125YDA	3 phase / 16A	9.5A Max / 3.5A
P10	Menswear	PLA-M125EA2	11.5	11.9	PUZ-M125YDA	3 phase / 16A	9.5A Max / 3.5A
P11A	Menswear	PLA-M125EA2	11.5	11.9	PUZ-M250YKA2	3 phase / 25A	22.5A Max / 5.0A
P11B	Menswear	PLA-M125EA2	11.5	11.9			
P12A	Menswear	PLA-M125EA2	11.5	11.9	PUZ-M250YKA2	3 phase / 25A	22.5A Max / 5.0A
P12B	Menswear	PLA-M125EA2	11.5	11.9			
P13A	Home Dept.	PLA-M100EA2	9.20	9.50	PUZ-M200YKA2	3 phase / 25A	22.5A Max / 5.0A
P13B	Home Dept.	PLA-M100EA2	9.20	9.50			
P14A	Home Dept.	PLA-M100EA2	9.20	9.50	PUZ-M200YKA2	3 phase / 25A	22.5A Max / 5.0A
P14B	Home Dept.	PLA-M100EA2	9.20	9.50			

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			Clg Total	UK Htg			
<b>Mezz Level Cont.</b>							
P15	Main Stockroom	PEAD-M71JA2	9.00	8.40	PUZ-M71VHA2	1 phase / 25A	19.3A Max / 5.3A
P16	Cash/Admin Office	SLZ-M50FA2	4.60	5.10	SUZ-M50VAR2	1 phase / 20A	13.5 Max / 5.7A
P17	Managers Office	PKA-M35LA2	3.30	3.50	PUZ-ZM35VKA2	1 phase / 16A	13.4A Max / 4.3A
P18	Staffroom	PLA-M50EA2	4.60	5.10	SUZ-M50VAR2	1 phase / 20A	13.5 Max / 5.7A

**Notes:**

1. All systems to be installed in accordance with the manufacturers installation instructions
2. Contractor to install refrigeration pipework, condensate drainage pipework, communication wiring etc. in accordance with Next Standard HVAC Specification.
3. HVAC Contractor to provide suitable supply air discharge plenums (thermally insulated) associated with the ducted indoor units together with all necessary ductwork, grilles etc.
4. **For ducted units that have return air path via passive grille arrangement, HVAC Contractor to provide and install the manufacturers remote temperature control beads (beads to be wall mounted, generally as shown on the drawings within manu’s remote sensor enclosures).**
5. Where systems incorporate two or more indoor units, HVAC Contractor to wire same for Master/Slave operation (Master unit being ref ‘A’).
6. For systems associated with each of the Stockrooms, Staffroom, Managers Office and General Office HVAC Contractor to provide and install hard-wired remote controllers type PAR-40MAA-J.
7. All controllers to be wall mounted within the above respective rooms to be installed at a height of **1250mm** a.f.f.l in a position as shown on the drawings.

**IMPORTANT**

- a) All indoor units shall be controlled by a Mitsubishi Central Controller which shall be provided by the BEMS Specialist. Said central controller to be BEMS panel facia mounted.
- b) The necessary Mitsubishi BEMS Procon interface controller, S-IFU’s and Modbus serial data links, to promote communicate with the Cylon based BEMS system, shall be provided by the BEMS Specialist.
- c) A-M nett adaptors for Mr. Slim P-Series outdoor units shall be provided and installed by the BEMS Specialist.

**Manufacturer:**

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