

SPECIFICATION DATA 108

EWC PRESSFLOW SYSTEM		
SYSTEM	CODE:	IP 13 SHEET 1 OF 1
CONSTRUCTION	PURPOSE	BOOST MAINS COLD / HOT WATER
PUMP	OPERATION PUMP TYPE PUMP CASING PUMP END CASTINGS PUMP IMPELLORS PUMP SHAFT INSULATION CLASS PROTECTION CLASS CONNECTIONS	PERIPHERAL IMPELLER ELETTROPUMP / VCB 45/42 BRASS 58 BRASS 58 BRASS 58 STAINLESS STEEL AISI 416 F IP44 BS4504 PN10
DUTY	PUMP DUTY JOCKEY PUMP DUTY TEMPERATURE	CONTINUOUSLY RATED N/A l/s 60 °C
ELECTRICAL	PHASE FREQUENCY VOLTAGE PUMP SPEED	1 - PHASE 50 Hz 240 V 0.55 kW MAX 2800 rpm
PRESSURE	MAXIMUM OUTPUT (DEPENDENT ON FLOW) MINIMUM OUTPUT (DEPENDENT ON FLOW) MAXIMUM INPUT TEST	4.5 bar 2 bar 2 bar 10 bar
CONTROL	METHOD (PRESSURE / FLOW SWITCH) MATERIAL OF CONTROL BODY DRY RUN CUT OUT BMS HIGH PRESSURE ALARM BMS LOW PRESSURE ALARM	ELECTRONIC PCB BRASS YES AVAILABLE ON REQUEST AVAILABLE ON REQUEST
CABINET	OUTER CASING DIMENSIONS INLET WATER CONNECTION OUTLET WATER CONNECTION	M.D.P.E H 345mm W 205mm D 347mm 3/4" BSP BRASS 3/4" BSP BRASS
NOTES:		
<u>This system works on both pressure and flow.</u>		
a) A valve is opened - this reduces pressure and switches the pump on		
b) Flow of water then operates a flow switch - this keeps the pump running even if it recovers pressure.		
c) The valve is closed - this stops flow - when the flow is stopped <u>and</u> pressure has recovered, an electronic delay keeps the pump running for a further 10 seconds - just in case the interruption was intermittent.		
d) The pump then switches off.		
FAILURE:		
a) Should the water supply fail, the system will automatically lock out after 10 seconds - to reset the pump, turn off the power for 20 seconds - ensure that the pump is primed before re powering.		