



PAGE 1 SEE PAGE 2 FOR WIRE LENGTHS AND DETAILS

ISSUE	MODIFICATIONS	OCN	APPD	DATE
1	RELEASE FOR PRODUCTION	----	HC	12/08/20
2	WIRE LENGTHS AND GAUGE MODIFIED WIRE # 24 ADDED	----	HC	03/09/20
3	CHOKE AND X CAP ADDED, ASSY 24 & 25 ADDED	----	NC	07/10/20

NOTES
DO NOT SCALE
IF IN DOUBT ASK
THIRD ANGLE PROJECTION

GLEN DIMPLEX RESEARCH & DEVELOPMENT
HEATING AND VENTILATION IRELAND
Barn road, Dunleer, Co.Louth, Ireland. Tel: +353 41 6872000

DRAWN BY	DATE	SCALE	HOLE TOL	GEN TOL
NC	26/02/20		+/-0.05	0 +/-0.4
APP'D BY	DATE	DIM IN	ANGLES	
		mm	+/-0.5°	0.00+/-0.1

PROJECT	VVT75
TITLE	WIRING DIAGRAM
DRG NO	

0/11988/0

0/11988/0

R.O.H.S.
All material must comply with the requirements of European Directive 2002/95/EC on the restriction of the use of certain hazardous substances.

PART NO.	DESCRIPTION	ASSY. NO.
2/62642/0	FROM 'L' TERMINAL BLOCK TO SWITCH 570mm BLACK (10mm) Strip 10mm ANT 65 cut out S/S	1.
2/62643/0	FROM SWITCH TO 'ACV IN' L DN MAIN PCB Strip 10mm 450mm BLACK (10mm) S/S	2.
2/62644/0	FROM T-BLOCK TO 'ACV IN' (MAIN PCB) Strip 10mm 250mm BLUE (10mm) Strip 10mm	3.
2/62645/0	FROM T-BLOCK TO EARTH TERMINAL Strip 10mm 100mm GREEN/YELLOW (10mm) R/T	4.
2/62646/0	FROM HEAT JUMPER TO HEAT JUMPER Strip 8mm 40mm BLACK (0.5mm) Strip 8mm	5.
2/62647/0	FROM PCB 'ELEMENT 1' 'N' TO T-BLOCK 'N' S/S 150mm BLUE (10mm) Strip 10mm	6.
2/62648/0	FROM MAIN PCB ELEMENT 1 'L1' TO T-BLOCK L S/S 150mm RED (10mm) Strip 10mm	7.
2/62649/0	FROM MAIN PCB NE TO T-BLOCK NE S/S 150mm YELLOW (10mm) Strip 10mm	8.
2/62650/0	FROM MAIN PCB TO 24VDC FAN BLOWER 400mm BLACK 24AWG SHT-4V BLACK SHT-4V BLACK	9.
2/62651/0	FROM MAIN PCB TO SOUND PCB 200mm BLACK 24 AWG SHT-4V YELLOW SHT-4V RED	10.
2/62652/0	FROM MAIN PCB TO DISPLAY PCB (TRIAC) 800mm BLACK 24AWG SHT-4V RED SHT-4V RED	11.
2/62653/0	FROM DISPLAY PCB TO SWITCH PCB 800mm BLACK 24AWG SHT-4V RED SHT-4V RED	12.
2/62654/0	FROM RGB LED TO RGB LED 50mm BLACK 28 AWG ZH-4V	13.
2/62655/0	FROM AMBER LED TO AMBER LED 90mm BLACK 24AWG PH-2V	14.
2/62656/0	FROM DRIVER BOARD TO RGB STRIP 250mm BLACK 28AWG ZH-4V	15.
2/62657/0	FROM DRIVER BOARD TO AMBER LED STRIP 250mm BLACK 24AWG PH-2V	16.
2/62658/0	FROM MAIN PCB TO TOP LIGHTS DRIVER BOARD 200mm BLACK 22AWG SHT-4V	17.
2/62659/0	FROM MAIN PCB TO FLAME LIGHT DRIVER BOARD 800mm BLACK 22AWG SHT-4V	18.
03/24024/0	FROM MAIN PCB '24V-EN' TO '24VDC INPUT' MAIN PCB 3/24041/0 24V PSU SA 03/24024/0 VVT75 - SA 03/24024/0 C7 CONNECTOR S/S	19.
2/62660/0	FROM MAIN PCB TO DISPLAY BOARD (L1N) 800mm BLACK 24AWG SHT-4V	20.
2/62667/1	FROM MAIN PCB TO PIR PCB 1000mm BLACK 24AWG SHT-4V	21.
3/24041/0	FROM MAIN PCB TO SUPPLY IN DN PSU C7 CONNECTOR	22.
2/62654/1	FROM RGB LED TO RGB LED (TOP BACK) 85mm BLACK 28 AWG ZH-4V	23.
2/62676/0	FROM ACN DN CHDKE TO 'N' AC DUT DN MAIN PCB Strip 10mm 200mm BLUE (10mm) S/S	24.
2/62677/0	FROM ACN DN CHDKE TO 'N' AC DUT DN MAIN PCB Strip 10mm 200mm RED (10mm) S/S	25.

PAGE 2

ISSUE	MODIFICATIONS	OCN	APPD	DATE	NOTES
1	RELEASE FOR PRODUCTION	----	HC	12/08/20	
2	WIRE LENGTHS AND GAUGE MODIFIED WIRE # 24 ADDED	----	HC	03/09/20	
3	CHDKE AND X CAP ADDED, ASSY 24 & 25 ADDED	----	NC	07/10/20	

PART NO.	DESCRIPTION	ASSY. NO.
2/62654/0	FROM RGB LED TO RGB LED 50mm BLACK 28 AWG ZH-4V	13.
2/62655/0	FROM AMBER LED TO AMBER LED 90mm BLACK 24AWG PH-2V	14.
2/62656/0	FROM DRIVER BOARD TO RGB STRIP 250mm BLACK 28AWG ZH-4V	15.
2/62657/0	FROM DRIVER BOARD TO AMBER LED STRIP 250mm BLACK 24AWG PH-2V	16.
2/62658/0	FROM MAIN PCB TO TOP LIGHTS DRIVER BOARD 200mm BLACK 22AWG SHT-4V	17.
2/62659/0	FROM MAIN PCB TO FLAME LIGHT DRIVER BOARD 800mm BLACK 22AWG SHT-4V	18.
03/24024/0	FROM MAIN PCB '24V-EN' TO '24VDC INPUT' MAIN PCB 3/24041/0 24V PSU SA 03/24024/0 VVT75 - SA 03/24024/0 C7 CONNECTOR S/S	19.
2/62660/0	FROM MAIN PCB TO DISPLAY BOARD (L1N) 800mm BLACK 24AWG SHT-4V	20.
2/62667/1	FROM MAIN PCB TO PIR PCB 1000mm BLACK 24AWG SHT-4V	21.
3/24041/0	FROM MAIN PCB TO SUPPLY IN DN PSU C7 CONNECTOR	22.
2/62654/1	FROM RGB LED TO RGB LED (TOP BACK) 85mm BLACK 28 AWG ZH-4V	23.
2/62676/0	FROM ACN DN CHDKE TO 'N' AC DUT DN MAIN PCB Strip 10mm 200mm BLUE (10mm) S/S	24.
2/62677/0	FROM ACN DN CHDKE TO 'N' AC DUT DN MAIN PCB Strip 10mm 200mm RED (10mm) S/S	25.

GLLEN DIMPLEX RESEARCH & DEVELOPMENT
HEATING AND VENTILATION IRELAND
Barn road, Dunleer, Co.Louth, Ireland. Tel: +353 41 6872000

DRAWN BY: NC DATE: 26/02/20 SCALE: HOLE TOL: +/-0.05 GEN TOL: 0 +/-0.4
APP'D BY: DATE: DIM IN: mm ANGLES: +/-0.5° 0,0 +/-0,2 0,00+/-0,1

PROJECT: VVT75
TITLE: WIRING DIAGRAM

DRG NO: 0/11988/0

THIS DRAWING IS SUPPLIED IN CONFIDENCE AND THE COPYRIGHT THEREOF IS THE PROPERTY OF GLEN DIMPLEX. IT MUST NOT BE USED BY A THIRD PARTY WITHOUT PRIOR PERMISSION. © 2019

All material must comply with the requirements of European Directive 2002/95/EC on the restriction of the use of certain hazardous substances.

R.O.H.S.

A3
Sht 2
of 2