

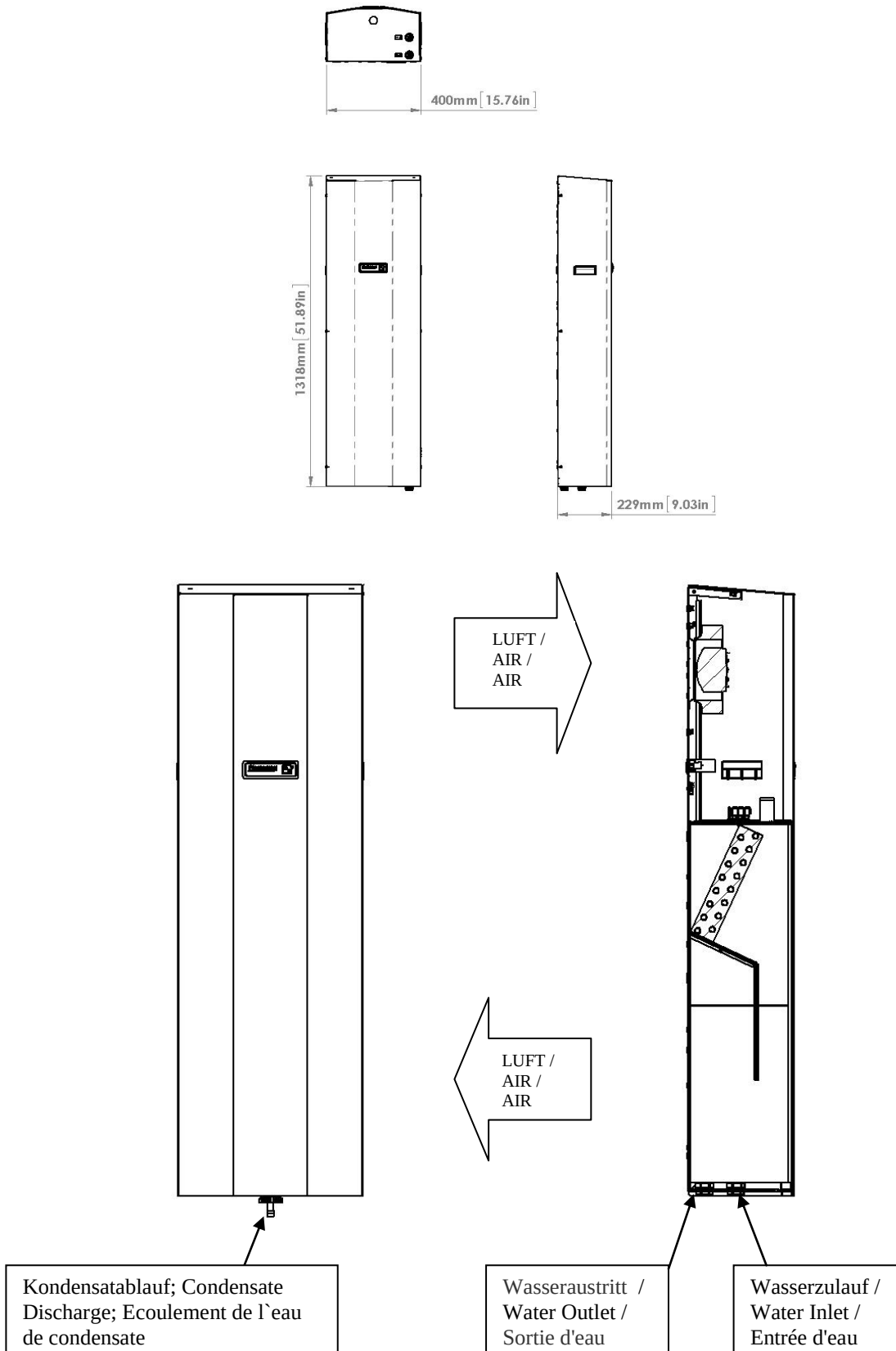
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1. Technische Daten / Technical Data / Caractéristiques Techniques

Model	PWS 3302
Kältetechnische Daten / Cooling data / Performances	
Kälteleistung bei / Cooling capacity at / Puissance de réfrigération (L35/W10/454 l/h)	3600 W
Kühlmedium / Refrigerant / Fluide frigorigène	Wasser / Water / de l'eau
Thermostateinstellung (Werkseinstellung) / Thermostat setting (factory set) / Thermostat (pré-réglage en fabrique)	+35°C / 95°F
Einstellbereich / Range of adjustment / Zone de réglage	min. 8°C / 46,4°F - max. 50°C / 122°F
Wassermenge / Quantity of water / Quantité d'eau *	450 l / h (2.0 GPM)
Wasser-Vorlauftemperatur / Water inlet temperature / Température de l'eau à l'arrivée (nominal / range)	10°C (>+1°C to +35°C) / 50°F (>+34°F to +95°F)
Betriebsdruck / Operating pressure / Pression de régime *	1 to 10 bar (14.5 to 145 psi)
Luftvolumenstrom / Air volume / Volume d'air courant	535 m³ / h (315 CFM)
Umgebungslufttemperatur / Ambient air temperature / Température ambiante	+2°C / 36°F ... +65°C / 158°F
Schaltschrank-Innentemp. / Enclosure internal temp. / Température intérieur de l'armoire	+25°C / 77°F ... +45°C / 113°F
Einschaltdauer / Duty cycle / Durée de mise en circuit	100 %
Schalldruckpegel (1m) / Noise level (1m) / Puissance sonore (1m)	< 62 dB
Electrical data	
Nennspannung / Rated voltage / Tension nominale *	115V / 230V AC
Nennfrequenz / Mains frequency / Fréquence nominale *	60Hz / (50/60 Hz)
Leistungsaufnahme / Power consumption / Puissance électrique consommée *	77.9W / 59.0W
Nennstrom / Rated current / Intensité *	.698A / .311 A
Einschaltstrom / Starting current / Intensité de pointe +	.795 A / .598 A
Anschluss über Klemmenleiste / connecting with terminal block / Raccordement électrique par barrette	max. 2,5 mm² / AWG 14
Vorsicherung T / Pre-fuse T / Dispositif de sécurité T *	1 A / .5 A
Temperaturüberwachung (Alarm) / Temperature monitoring (alarm) / contrôle de température (alarme)	NC Contact; maximum input: 5A
Alarm-Schalter-Einstellung / Alarm switch setting / réglage du commutateur d'alarme	45°C
Abmessungen / Dimensions / Dimensions	
Höhe x Breite x Tiefe / Height x Width x Depth / Hauteur x Largeur x Profondeur mm(in)	1318 x 400 x 229 (51.89 x 15.76 x 9.03)
Gewicht ohne Verpackung / Weight without packaging / Poids sans emballage kg(lb)	30 kg (66 lb)
sonstiges / other / d'autre	
Einbaulage / Installation attitude / Position	senkrecht / vertical / verticale
Kühlwasseranschluss / Cooling water connection / Raccordement d'eau de refroidissement	1/2" Steckverschraubungen / Push-in Fitting / raccords instantanés
Kondensatablauf / Condensate discharge / Ecoulement de l'eau de condensate	1/2" OD Schlauchwiderhaken / Hose Barb / Raccord cannelé
Gerätekonstruktion / Unit construction / Carrosserie	Stahlblech / steel / Acier
Korrosionsschutz / Corrosion protection / Protection anti-corrosion	verzinkt, elektrostatisch pulverbeschichtet (200°C) – Edelstahl / galvanized, electrostatically powder coated (200°C) – stainless steel / Zingué, laqué à four chaud (200°C) - acier inoxydable
P Schutzart / Protective category / Type de protection (UL)	Type 12 / 3R / 4(X; nur Edelstahl / stainless steel only / acier inoxydable seulement)

2. Geräteabmaße und Funktion / unit dimension and operational / l'appareil dimension et de la fonction



Technisches Beiblatt / Technical companion sheet / Supplément Technique

Technical drawing of a rectangular plate with dimensions and part number. The drawing shows a rectangular plate with a central rectangular cutout. The dimensions are given in millimeters (mm) and inches (in). The part number is 18380000011.

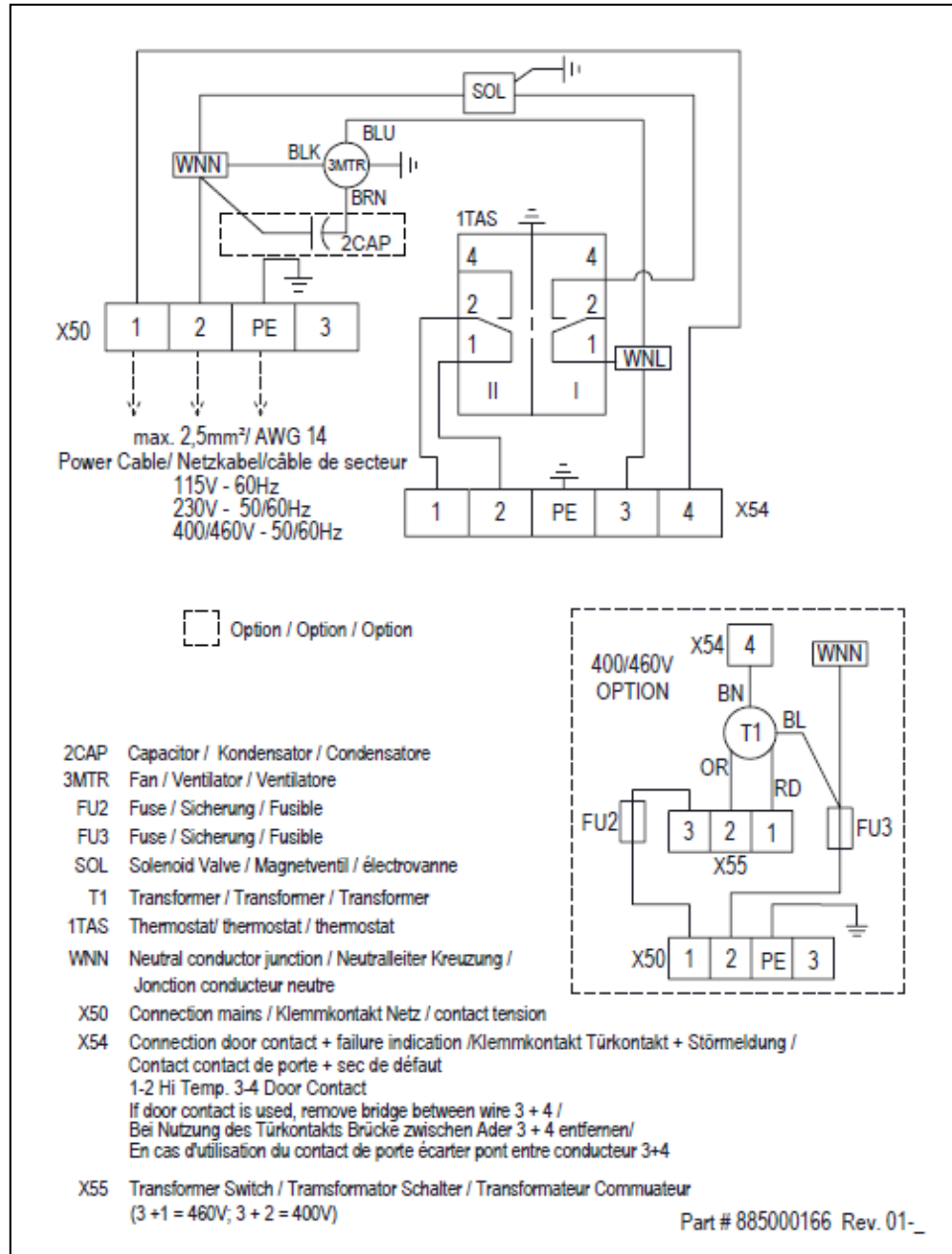
Dimensions:

- Overall width: 1206.7mm [47.47in]
- Overall height: 1079.5mm [42.50in]
- Top edge hole spacing: 330mm [12.99in] (between first and second hole), 165mm [6.50in] (between second and third hole).
- Central cutout width: 280mm [11.02in]
- Central cutout height: 427mm [16.81in]
- Right edge hole spacing: 870.7mm [34.28in] (between first and second hole), 673.1mm [26.50in] (between second and third hole), 480.7mm [18.93in] (between third and fourth hole), 266.7mm [10.50in] (between fourth and fifth hole).
- Bottom edge hole spacing: 763.5mm [30.05in] (between first and second hole), 190.9mm [7.51in] (between second and third hole), 35.8mm [1.41in] (between third and fourth hole).
- Bottom edge dimensions: 31.5mm [1.24in] (left of first hole), 207.3mm [8.16in] (between first and second hole).
- Top edge hole diameter: 15 x Ø 9.5mm [0.38in] THRU
- Bottom edge hole diameter: 15 x Ø 9.5mm [0.38in] THRU

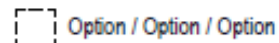
Part# 18380000011

4. Schaltplan (intern) / Circuit Diagram (internal) / Plan de Circuit (interne)

Mechanical Thermostat:



No Controller / No Valve

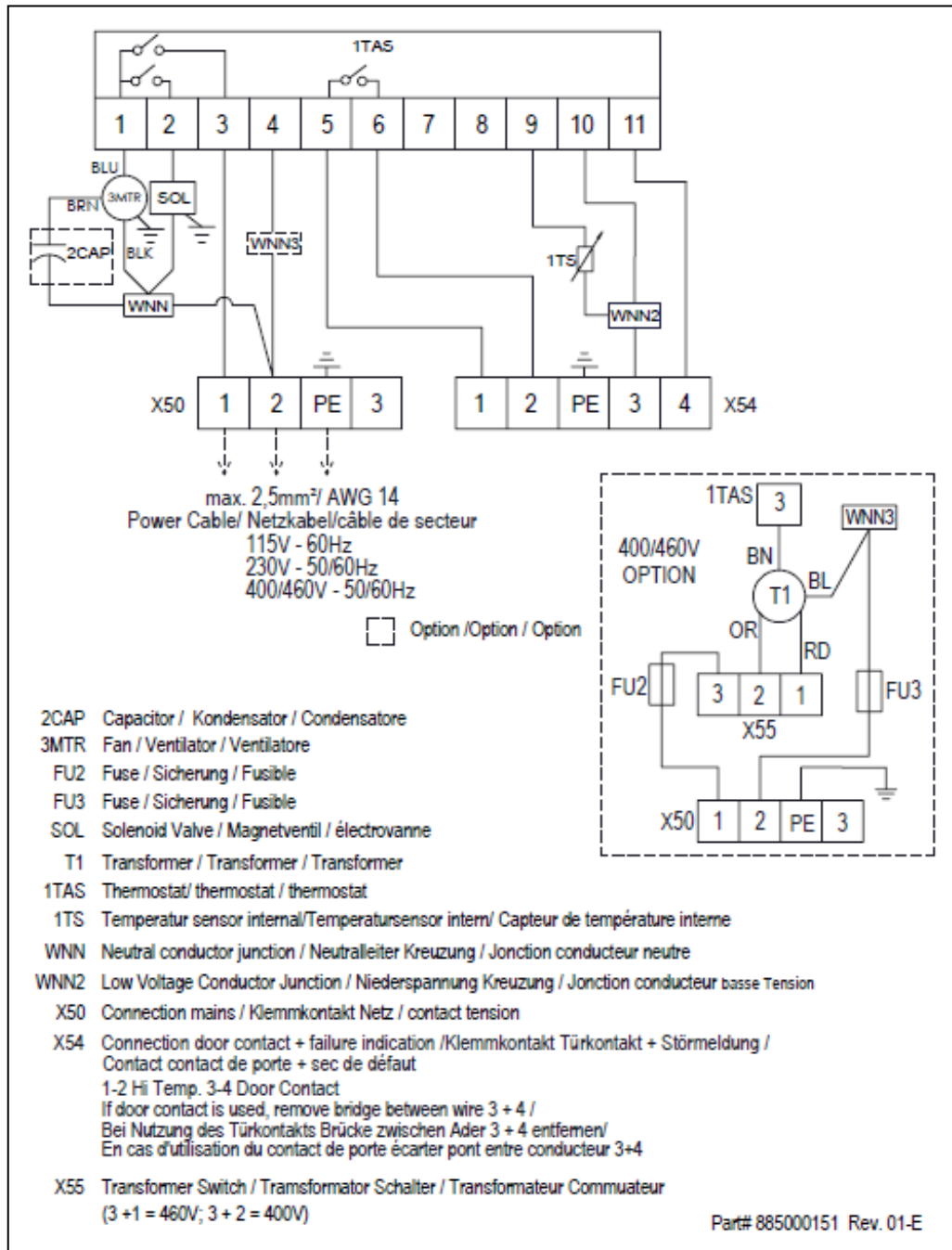


max. 2,5mm²/ AWG 14
Power Cable/ Netzkabel/câble de secteur
115V - 60Hz
230V - 50/60Hz
400/460V - 50/60Hz

- | | |
|------|--|
| 2CAP | Capacitor / Kondensator / Kondensatore |
| 3MTR | Fan / Ventilator / Ventilatore |
| FU2 | Fuse / Sicherung / Fusible |
| FU3 | Fuse / Sicherung / Fusible |
| T1 | Transformer / Transformator / Transformateur |
| WNN | Neutral conductor junction / Neutraleiter Kreuzung / Jonction conducteur neutre |
| WNL | Live conductor junction / Live-Leiter Kreuzung / En direct de jonction conducteur |
| X50 | Connection mains / Klemmkontakt Netz / contact tension |
| X54 | Connection door contact + failure indication / Klemmkontakt
Türkontakt + Störmeldung / contact contact de porte + sec de défaut
3-4 Door Contact
If door contact is used, remove bridge between wire 3 + 4 /
Bei Nutzung des Türkontakts Brücke zwischen Ader 3 + 4 entfernen/
En cas d'utilisation du contact de porte écarter pont entre conducteur 3+4 |
| X55 | Transformer Switch / Transformator-Schalter /
Transformateur Commutateur
(3 + 1 = 460V; 3 + 2 = 400V) |

Part# 885000117 Rev. 01-B

Electronic Controller:



5. Ersatzteile / Spare parts / Pièces de rechange

Ordini prego i vostri pezzi di ricambio soltanto con il Pfannenberg-parte-numero. Pida por favor sus partes de repuesto solamente con el Pfannenberg-parte-nu'mero.

Solenoid valve / Magnetventil / Électro-vanne - 115V	18785000003	(Mechanical) Thermostat / thermostat / Thermostat (115/230V)	18713000001
Solenoid valve / Magnetventil / Électro-vanne - 230V	18785000004	(Electronic) Controller / Regler / Manette (115V)	18783000005
Fan / Ventilateur / Lüfter (PWS 32/3302, 115V)	18811100010	(Electronic) Controller / Regler / Manette (230V)	18783000006
Fan / Ventilateur / Lüfter (PWS 32/3302, 230V)	18811100011	Temperature Sensor (Eliwell Controller Units Only) / Temperatursensor / Capteur de température	18783000007