



Member of the Pfannenber Group

### UK Declaration of Conformity

- **Pressure Equipment (Safety) Regulations 2016**
- *Procedure for Conformity Assessment: Module A2 (internal production control and surveillance of the final assessment)*
- *Body certified: Bureau Veritas Italia S.p.A. – via Miramare, 15 – 20126 – Milano – Italia; N° 1370*
  - *Certificate nr. CE-1370-PED-A2-DSI 001-17-ITA*

Declare, under our sole responsibility, that the device:

Manufacturer:	Dassi s.r.l.
Product	Chiller / assembly
Type:	VLV 13 WT

With the following features:

Series	Gas Type	PS (bar) Min/Max Ver. WT	PS (bar) Min/Max x Ver. OL	TS (°C) Min/ Max Ver. WT	TS (°C) Min/ Max Ver. OL	Group*	Category	Certified Body
VLV 13 WT	R407C	1.7 / 30	1.7 / 30	-14 / 70	-14 / 70	2	II	1370

The declaration set out in this industry is made by components under pressure:

Component	PS	TS ( ° C )	Mod.	Body	Cat.
<b>Compressor</b>	30	-35°C(LP) : 68°C(HP)	D1	Lloyd's	II
<b>Condenser (HP)</b>	30	-50°C : 110°C	/	/	Art.4Par.3
<b>Thermostatic valve</b>	34	-60 °C(LP):100 °C(HP)	/	/	Art.4Par.3
<b>Liquid receiver (HP)</b>	30	-10 °C : 100 °C	/	/	Art.4Par.3
<b>Heat exchanger (LP)</b>	45	-196 °C:135°C	/	/	I
<b>Hoses (DN&lt;32)</b>	30	-30°C : 100 °C	/	/	Art.4Par.3
<b>Min Pressure-switch (LP)</b>	17,2	-50°C : 120 °C	D	TÜV Rheinland	IV
<b>Max Pressure-switch (HP)</b>	45	-30°C : 85 °C	B+D	TÜV Rheinland	IV
<b>Relief valve (HP)</b>	55	-50°C : 150°C	B+D	Bureau Veritas	IV

The assembly was developed, designed and manufactured complying with the above-mentioned UK regulations, under the sole responsibility of:

Company:	<b>DASSI s.r.l. - Member of the Pfannenber Group</b> <b>Via La Bionda 13, 43036 Fidenza (PR)</b>
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The equipment also meets the essential requirements of the following guidelines apply:

- |               |   |
|---------------|---|
| 2008 No.1597  | Supply of Machinery (Safety) Regulations 2008     |
| 2016 No. 1091 | Electromagnetic Compatibility Regulations 2016    |
| SI 2016/1101  | Electrical Equipment (Safety) Regulations 2016    |
| 2012 No. 3032 | RoHS: Restriction of certain Hazardous Substances |

Reference standards applicable:

- |                                      |   |
|--------------------------------------|---|
| DIN EN ISO 12100 ( 2010 )            | Safety of machinery – Basic concepts, general principles for design – Part 2 Technical principles |
| EN 378 -1;2;3                        | Refrigerating systems and heat pumps – Safety and environmental requirements                      |
| EN 60204 -1 ( 2006 )                 | Safety of machinery – Electrical equipment of machines – Part 1: General requirements             |
| DIN EN 61000-6-2 (2005)<br>+AC:2005  | Electromagnetic compatibility (EMC), Generic standards: Immunity of industrial environments       |
| DIN EN 61000-6-4 (2007)<br>+A1:2011) | Electromagnetic compatibility (EMC), Generic standards: Emission of industrial environments       |

\* Evaluation of the group of fluids according to CLP 1272/2008

Person authorized to draw up the file (Technical manager):

This technical file is kept in DASSI S.r.l. Via La Bionda 13 Fidenza Italia

Fidenza, November 2021

General Manager