



浙江三花制冷集团有限公司

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The UK Declaration of Conformity

Issued in accordance with

The Pressure Equipment (Safety) Regulation 2016(2016/1105)

The manufacturer's name and address:

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Section 1 - The Pressure Equipment (Safety) Regulation 2016(2016/1105)

Declaration:

Check valves series shown in the tables below, are classified "Pressure accessories" in the sense of the Pressure Equipment (Safety) Regulation 2016(2016/1105), Article 2 point (5). The Refrigerant proper to the Fluid Group I and II as defined in the article 3 (1) and 3 (2) of the Regulation 2016(2016/1105).

Summary:

Product Series	PS (bar)	Table
YCVS	46	See Table 2
YCVS-R	49	See Table 3
CCV	49	See Table 4
BCV	140	See Table 5

Table 1

Description of Products:

TS (°C)	-50 to +140		Fluid Group I		Fluid Group II	
Models	DN	Connection ØD ODS	Safety category	Part 3 – Pressure Equipment (Safety) Regulations 2016	Safety category	Part 3 – Pressure Equipment (Safety) Regulations 2016
YCVS(x) 5-yyGSHC-y	5.0	6mm & 1/4"	Art. 4.3	-	Art. 4.3	-
YCVS(x) 8-yyGSHC-y	7.9	10mm & 3/8"	Art. 4.3	-	Art. 4.3	-
YCVS(x) 10-yyGSHC-y	11.1	12mm & 1/2"	Art. 4.3	-	Art. 4.3	-
YCVS(x) 13-yyGSHC-y	13.9	16mm (5/8")	Art. 4.3	-	Art. 4.3	-
YCVS(x) 17-yyGSHC-y	17.1	18mm & 3/4"	Art. 4.3	-	Art. 4.3	-
YCVS(x) 17-yyGSHC-y	17.1	22mm (7/8)	Art. 4.3	-	Art. 4.3	-
YCVS(x) 20-yyGSHC-y	19.8	22mm (7/8)	Art. 4.3	-	Art. 4.3	-
YCVS(x) 26-yyGSHC-y	25.6	28mm & 1" 1/8	NOT CERTIFIED	-	Art. 4.3	-
YCVS(x) 31-yyGSHC-y	31	35mm (1" 3/8)	NOT CERTIFIED	-	Art. 4.3	-
YCVS(x) 31-yyGSHC-y	31	42mm & 1" 5/8	NOT CERTIFIED	-	Art. 4.3	-

Table 2

TS (°C)	-50 to +150		Fluid Group I		Fluid Group II	
Models	DN	Connection ØD ODS	Safety category	Part 3 – Pressure Equipment (Safety) Regulations 2016	Safety category	Part 3 – Pressure Equipment (Safety) Regulations 2016
YCVS(x) 5-yyGSHC-yR	5.0	6mm & 1/4"	Art. 4.3	-	Art. 4.3	-
YCVS(x) 8-yyGSHC-yR	7.9	10mm & 3/8"	Art. 4.3	-	Art. 4.3	-
YCVS(x) 10-yyGSHC-yR	11.1	12mm & 1/2"	Art. 4.3	-	Art. 4.3	-
YCVS(x) 13-yyGSHC-yR	13.9	16mm (5/8")	Art. 4.3	-	Art. 4.3	-
YCVS(x) 17-yyGSHC-yR	17.1	18mm & 3/4"	Art. 4.3	-	Art. 4.3	-
YCVS(x) 17-yyGSHC-yR	17.1	22mm (7/8)	Art. 4.3	-	Art. 4.3	-
YCVS(x) 20-yyGSHC-yR	19.8	22mm (7/8)	Art. 4.3	-	Art. 4.3	-
YCVS(x) 26-yyGSHC-yR	25.6	28mm & 1" 1/8	Cat. II	D	Art. 4.3	-
YCVS(x) 31-yyGSHC-yR	31	35mm (1" 3/8)	Cat. II	D	Art. 4.3	-
YCVS(x) 31-yyGSHC-yR	31	42mm & 1" 5/8	Cat. II	D	Art. 4.3	-

Table 3

TS (°C)	-40 to +160		Fluid Group I		Fluid Group II	
Models	DN	Connection ØD ODS	Safety category	Part 3 – Pressure Equipment (Safety) Regulations 2016	Safety category	Part 3 – Pressure Equipment (Safety) Regulations 2016
CCV10-xxx	19.8	1/4"; 3/8"	Art. 4.3	-	Art. 4.3	-
CCV17-xxx	25.6	1/2", 5/8", 3/4"	Cat. II	D	Art. 4.3	-
CCV25-xxx	39.0	7/8"	Cat. II	D	Cat. I	A (point 1)
CCV32-xxx	48.6	1" 1/8	Cat. II	D	Cat. I	A (point 1)
CCV38-xxx	63.5	1" 3/8	Cat. II	D	Cat. I	A (point 1)
CCV50-xxx	76.1	1" 5/8	NOT CERTIFIED	-	Cat. I	A (point 1)

Table 4

TS (°C)	-40 to +150		Fluid Group I		Fluid Group II	
Models	DN	Connection ØD ODS	Safety category	Part 3 – Pressure Equipment (Safety) Regulations 2016	Safety category	Part 3 – Pressure Equipment (Safety) Regulations 2016
BCV08-005**	6.5	3/8	NA	-	Art. 4.3	-
BCV08-001	6.5	3/8	NA	-	Art. 4.3	-
BCV13-002	14.2	1/2	NA	-	Art. 4.3	-
BCV13-001	14.2	5/8	NA	-	Art. 4.3	-

Table 5

X position: no letter indicates a model with normal spring; "H" letter indicates a model with reinforced spring

yyy position: identifies the connections size

Note:

All the models listed in the table above classified as "Art. 4.3" aren't subjected to the Essential Safety Requirements set out in the Pressure Equipment (Safety) Regulation 2016(2016/1105), Article 2 because their characteristics are below or equal to the limits fixed in Article 6 (c) (i) of the same Regulation. As mentioned in the Directive all these products have a nominal size "DN" below or equal to :

- a) 25mm for refrigerants belonging to Fluid Group I
- b) 32mm for refrigerants belonging to Fluid Group II

Therefore, according to requirements of Article 4 (1) (c) (i) them:

- Are designed and manufactured in accordance with a sound engineering practice in order to ensure safe use.
- Are accompanied by adequate instructions for use
- Bear markings to permit identification of the manufacturer
- Don't bear CE or UKCA marking referred to in Article 8
- Are not accompanied by a "Declaration of Conformity" to Pressure Equipment (Safety) Regulation 2016(2016/1105)

Covered by this declaration is in conformity with the following directives, standards or other normative documents, provided that the product is used in accordance with our instructions:

- BS EN 12284:2003 - Refrigerating systems and heat pumps. Valves. Requirements, testing and marking
- BS EN 378-2:2016 - Refrigerating systems and heat pumps. Safety and environmental requirements. Basic requirements, definitions, classification and selection criteria

Notified Body:

For products are defined as Category II in tables above, are surveillance of the QS-System: examination / inspection / test during manufacturing:

Name:	TUV Rheinland Industrie Service GmbH
Address:	Am Grauen Stein, D-51105 Koln - Germany
Identification Number:	0035
EC-Certificate of conformity No:	01 202 CHN/Q-19 0641

Responsible Person to issue the declaration of Conformity:	Date	Signature
Mr. Zhouyang Li	2021.5.27	

