



# Certificate of Compliance

**Certificate:** 2052591 **Master Contract:** 220535  
**Project:** 80218869 **Date Issued:** 2024-09-25  
**Issued to:** Jiangsu Gardensun Furnace Co., Ltd  
 105 Youyi North Road  
 Boyi Zouqu Town  
 Changzhou, Jiangsu 213141  
 China  
 Attention: Zhu Zhenghua

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.*



Issued by: Sean Xia  
Sean Xia

## PRODUCTS

Class 2781 02 CAMPING EQUIPMENT (GAS) - Portable Heater  
 Class 2781 82 CAMPING EQUIPMENT (GAS) - Portable Heaters-Certified to U.S.Stds  
 Class 2901 01 DOMESTIC HEATERS (GAS) - Patio - Infrared  
 Class 2901 81 DOMESTIC HEATERS (GAS) - Patio-Infrared-Certified to U.S. Standards

C2901 01/81

**For Use With Liquefied Petroleum Gases**  
**Unvented Floor Mounted For Outdoor Portable Installation**

CHANGZHOU GARDENSUN

Model(s)	Input Rating (BTU/HR)
HSS-XX, JPH-XX, GH-XX, FS87PHLP, FM87PHLP, SF87PHLP, T87PHLP, HSS-RS-XX, RS-XX, BH-XX, 1TGP7A, 1TGP8A, 1TGP9A, PTH38PSS, PTH38PCP, PTH38PGM, HSS-A-XX, JSJS-XX, CZH-XX, 385.001-XX, NCZH-XX, NCZH-L-XX, NCZH-N-XX, NJSGS-XX, NRS-XX, NBH-XX, NHSS-XX, NGH-XX, HSS-A-ZL, NCZH-ZL, HSS-RS-ZTL, NRS-ZTL, HSS-A-YHM, NCZH-YHM, NRS-TBSS, HLDS01-TCGT, HLDS01-TMT, HLDS01-TSST, NCZH-SKPC	41,000
HS-XX, HS041-2	38,000
LFH-A-XX, LYH-A-XX, LFH-B-XX	36,000
HSS-AG-XX, NCZH-G-XX, NCZH-G-L-XX, NCZH-G-N-XX, NJSGS-G-XX, HSS-G-XX, NHSS-G-XX, NGH-G-XX, HSS-RSG-XX, NRS-G-XX, NBH-G-XX, HSS-AG-ZL, NCZH-G-ZL, NRS-G-ZTL, HSS-RSG-ZTL, HSS-AG-YHM, NCZH-G-YHM, HLDS01-SSBLT, HLDS01-SSHGT, HLDS01-SSHST, HLDS01-BST, HLDS01-CBT, HLDS01-CGT, HLDS01-BS, HLDS01-CG, HLDS01-CG-A, HLDS01-CB, HLDS01-MCT, HLDS01-MC, HLDS01-CWHDK, HSS-B-XX	48,000
NCZH-G50-XX	50,000

C2901 01/81

**For Use With Natural Gas**  
**Unvented Floor Mounted For Outdoor Stationary Installation**

CHANGZHOU GARDENSUN



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Model(s)	Input Rating (BTU/HR)
HSS-NG-XX, NG-XX, TH-XX, 1TGR2A, 1TGR3A, NGD-SS, NG-SS, NG-HB	41,000

**Unvented Table Top For Outdoor Portable Installation, For Use With Propane Gas**

CHANGZHOU GARDENSUN

Model(s)
1TGR6
FM35PHLP
PTH-XX
SF35PHSSLP
T35PHLP
TTH-XX

Input Rating: Same as HPS-C-XX

Model(s)	Input Rating
HPS-C-XX, HPS-D-XX	11,000

CHANGZHOU GARDENSUN

Model(s)	Input Rating
385.015-XX	11,000
HLDS032-GTTHG	9,500
HLDS032-GTTSS	9,500
PBF-XX	9,500
PBS-XX	9,500
PBY-XX	9,500
PGC-XX	9,500
PGS-XX	9,500
PGT-XX	9,500

CHANGZHOU GARDENSUN

Model(s)
NS-PSH48BR3

Input Rating: Same as HSS-B-SJPGPC

CHANGZHOU GARDENSUN

Model(s)
NS-PSH48SS3

Input Rating: Same as HSS-B-SJPGSS

C2901 01/81, C2781 02/82



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**For Use With Liquefied Petroleum Gases  
Unvented Table Top For Outdoor Portable Installation**

CHANGZHOU GARDENSUN

Model(s)	Input Rating (BTU/HR)
HPS-C-XX, 385.015 -XX, HPS-D-XX, HPS-E-XX	11,000

C2901 01/81

CHANGZHOU GARDENSUN

Model(s)	Input Rating (BTU/HR)
PTH-XX, FM35PHLP, SF35PHSSLP, T35PHLP, 1TGR6 , PTH11PSS, NS-PSH48BR3, NS-PSH48SS3, HLDS032-BSS, HLDS032-BSS-A, HLDS032-BB, HLDS032-B, HLDS032-C, HLDS032-CG	11,000

**Unvented Floor Mounted For Outdoor Portable Installation, For Use With Propane Gas**

CHANGZHOU GARDENSUN

Model(s)	Input Rating
385.001-XX	41,000
BFC-A-XX	40,000
BFC-B-XX	40,000
BFH-A-XX	38,000
BFH-B-XX	38,000
BSC-A-XX	40,000
BSC-B-XX	40,000
BSH-A-XX	38,000
BSH-B-XX	38,000
BYH-A-XX	42,000
BYH-B-XX	42,000
BYH-C-XX	34,000
BYH-D-XX	34,000
BYH-E-XX	34,000
BYH-F-XX	34,000
BYH-G-XX	34,000
BYH-H-01	46,000
BYH-H-02	46,000
BYH-H-03	46,000
BYH-H-04	46,000
BYH-H-05	46,000
BYH-H-06	46,000
BYH-H-07	46,000
GSH-A-LED	42,000
GSH-A-XX	42,000
GSH-B-XX	42,000



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GTH-A-XX	42,000
GTH-B-XX	42,000
GTH-C-XX	42,000
G-XX	48,000
HLDS01-CGTHG	42,000
HLDS01-CGTSS	42,000
HLDS01-GTHG	42,000
HLDS01-GTSS	42,000
HSS-AG-YHM	48,000
HSS-AG-ZL	48,000
HSS-A-XX	41,000
HSS-A-YHM	41,000
HSS-A-ZL	41,000
HSS-B-XX	48,000
HSS-G-XX	48,000
HSS-H-XX	41,000
HSS-RSG-XX	48,000
HSS-RSG-ZTL	48,000
HSS-RS-XX	41,000
HSS-RS-ZTL	48,000
HSS-SH-XX	41,000
HSS-XX	41,000
HS-XX	38,000
LFH-A-XX	36,000
LFH-B-XX	36,000
LYH-A-XX	36,000
NBH-G-XX	48,000
NBH-XX	41,000
NCZH-G-L-XX	48,000
NCZH-G-N-XX	48,000
NCZH-G-PC	48,000
NCZH-G-XX	48,000
NCZH-G-YHM	48,000
NCZH-G-ZL	48,000
NCZH-L-XX	41,000
NCZH-N-XX	41,000
NCZH-SKPC	41,000
NCZH-XX	41,000
NCZH-YHM	41,000
NCZH-ZL	41,000
NGH-G-XX	48,000
NGH-XX	41,000
NHSS-G-XX	48,000
NHSS-XX	41,000



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NJSGS-G-XX	48,000
NJSGS-XX	41,000
NRS-G-XX	48,000
NRS-G-ZTL	48,000
NRS-TBSS	41,000
NRS-XX	41,000
NRS-ZTL	41,000
YBSH-A-XX	42,000
YBSH-B-XX	42,000

The following models are listee model HSS-XX: JPH-XX, GH-XX, FS87PHLP, FM87PHLP, SF87PHLP, T87PHLP	
The following models are listee model HSS-RS-XX: RS-XX, BH-XX, 1TGP7A, 1TGP8A, 1TGP9A, PTH8PSS, PTH8PCP, PTH8PGM.	
The following models are listee model HSS-A-XX: JSGS-XX, CZH-XX	
The following models are listee model HS-XX: HS041-2, HS-SS, HS-PC, HS-HG	



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List models for RTA which are identical to HSS-AG-XX series.

HLDS01-SSBLT, HLDS01-SSHGT, HLDS01-SSHST, HLDS01-BST, HLDS01-CBT, HLDS01-CGT, HLDS01-BS, HLDS01-CG, HLDS01-CG-A, HLDS01-CB, HLDS01-MCT, HLDS01-MC

List models for RTA which are identical to HSS-RS-XX series.

HLDS01-TCGT, HLDS01-TMT, HLDS01-TSST

List models for RTA which are identical to HSS-AG-DTB series.

HLDS01-WHDK

List models for RTA which are identical to HSS-AG-FXGHTB series.

HLDS01-WHSQ

List models for RTA which are identical to GSH-A-XX series.

HLDS01-GTPC, HLDS01-GTHG-A

List models for RTA which are identical to GTH-A-XX series.

HLDS01-CGTPC

List models for RTA which are identical to NRS-G-ZTL series

HLDS01-CWHDK

List models for RTA which are identical to HPS-C-XX series

HLDS032-BSS, HLDS032-BSS-A, HLDS032-BB, HLDS032-B, HLDS032-C, HLDS032-CG

List models for RTA which are identical to PBF-XX series

HLDS032-GTTBK

List models for RTA which are identical to HSS-H-XX series

GS-2650-SS, GS-2400-BLK, GS-2400-BRZ

C2901 01/81

**Unvented Floor Mounted For Outdoor Portable Installation**

GardenSun

Model(s)	Input Rating (BTU/HR)
BFH-A-XX, BFH-B-XX	38,000
BFC-A-XX, BFC-B-XX	40,000
GSH-A-XX, GSH-B-XX, HLDS01-GTSS, HLDS01-GTHG, GSH-A-LED, HLDS01-GTPC, HLDS01-GTHG-A	42,000
BYH-C-XX, BYH-D-XX, BYH-E-XX, BYH-F-XX, BYH-G-XX	34,000
HSS-H-XX, HSS-SH-XX, GS-2650-SS, GS-2400-BLK, GS-2400-BRZ	41,000
GSH-D-XX, BFH-C-XX	48,000

C2901 01/81

**For Use With Liquefied Petroleum Gases**

**Unvented Mounted in Ground For Outdoor Installation, glass tube**

GardenSun

Model(s)	Input Rating (BTU/HR)
BSH-A-XX, BSH-B-XX	38,000
BSC-A-XX, BSC-B-XX	40,000



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GTH-A-XX, GTH-B-XX, HLDS01-CGTSS, HLDS01-CGTHG, BYH-A-XX, BYH-B-XX, YBSH-A-XX, YBSH-B-XX, GTH-C-XX, HLDS01-CGTPC	42,000
NSS-A-SYZN	41,000
NSS-AG-SYZN	48,000
BYH-H-01, BYH-H-02, BYH-H-03, BYH-H-04, BYH-H-05, BYH-H-06, BYH-H-07	46,000

C2901 01/81

**Unvented Table Top For Outdoor Portable Installation, glass tube**

GardenSun

Model(s)	Input Rating (BTU/HR)
PBS-XX, PGT-XX, PBF-XX, PGS-XX, HLDS032-GTTHG, HLDS032-GTTSS, PBY-XX, PGC-XX, HLDS032-GTTBK	9,500

**Unvented Floor Mounted For Outdoor Portable Installation, For Use With Natural Gas**

CHANGZHOU GARDENSUN

Model(s)	Input Rating
HSS-NG-XX	41,000

The following models are listee model HSS-NG-XX:  
NG-XX, TH-XX, 1TGR2A, 1TGR3A, NG-SS, NG-HB

**APPLICABLE REQUIREMENTS**

CSA/ANSI Z83.26:20 • CSA 2.37:20 - Gas-fired outdoor infrared patio heaters - Third edition; Errata: March 2021

CSA/AM CSA/ANSI Z21.63:19/CSA 11.3:19 - Portable type gas camp heaters



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Notes:

Products certified under Class(es) C278102, C290101 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). [www.scc.ca](http://www.scc.ca)



Products certified under Class(es) C278182, C290181 have been certified under CSA's ISO/IEC 17065 accreditation with the American National Standards Institute (ANSI). [www.ansi.org](http://www.ansi.org)







## Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.*

### Product Certification History

Project	Date	Description
80218869	2024-09-25	Update report 2052591 to add alternative components and cylinder enclosure.
80192527	2023-11-29	Update report 2052591 to add model BFH-C-XX.
80173616	2023-08-01	Update report 2052591 to add models GSH-D-XX, NCZH-G50-XX, HPS- E-XX, alternative cylinder enclosure YX48 and add alternative components per CSA/ANSI Z83.26:20 CSA 2.37:20, CSA/ANSI Z21.63:19 CSA 11.3:19. Class no. 2901 01/81. 2781 02/82.
80143288	2022-09-26	Update report 2052591 to add applicable standard ANSI Z21.63/CSA 11.3 to table top patio heater series
80134776	2022-08-26	Update report 2052591 to add model HSS-B-XX and alternative cylinder enclosure per CSA/ANSI Z83.26:20 CSA 2.37:20. C2901 01/81.
80114251	2022-01-25	Update report 2052591 to add models NS-PSH48BR3, NS-PSH48SS3 and add alternative cylinder enclosure.
80108503	2021-12-15	Update report 2052591 to add alternative cylinder enclosure per CSA/ANSI Z83.26:20 CSA 2.37:20.
80098644	2021-11-18	Update report 2052591 to add models NCZH-L-XX, NCZH-N-XX, NCZH- G-L-XX, NCZH-G-N-XX per CSA/ANSI Z83.26:20 CSA 2.37:20 and update all models to new standard.
80055715	2020-11-20	Update 2052591 to add models BYH-H-(01 thru 07) and new cylinder enclosure per ANSI Z83.26-2014/ CSA 2.37-2014. Add alternative component. Class no. 2901 01/81.
80040951	2020-05-13	Update report 2052591 to add alternative component and structure.



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80021847	2019-11-22	Update report to add new model HPS-D-XX and new cylinder enclosure for model HSS-XX, HSS-A-XX, NCZH-XX, HSS-AG-XX, NCZH-G-XX, NHSS-XX, HSS-G-XX, NHSS-G-XX, HSS-RS-XX, NRS-XX, HSS-RSG- XX, NRS-G-XX, HSS-H-XX, HSS-SH-XX.
80005395	2019-09-23	Update report 2052591 to add new model HSS-RS-FXBJ, BYH-D-FXBJ, BYH-D-YXBJ by ANSI Z83.26-2014/CSA 2.37-2014(US).
70207868	2018-12-28	Update report 2052591 to add new model LFH-B-XX.
70178308	2018-06-14	Update report to add new models GTH-C-XX, HSS-H-XX, HSS-SH-XX and add alternative components and structure. Update report to add new models GTH-C-XX, HSS-H-XX, HSS-SH-XX and add alternative components and structure.
70141093	2017-06-23	Update report 2052591 to add new models HSS-A-SYZN, HSS-AG-SYZN, NCZH-SKPC and NCZH-G-PC. Add alternative valve for old models.
70105709	2017-03-27	Update report to add new protective screening and replace aluminum tube to Corrugated hose for models LFH-A-XX, LYH-A-XX and change the base of models GSH-A-XX GSH-B-XX.
70071817	2016-03-25	Update report 2052591 according to notice 338. And copy all models from report 2381281 and 1439112 to 2052591.
70045015	2015-09-14	Update report 2052591 to add new models HSS-RS-ZTL, HSS-RSG-ZTL, NRS-G-ZTL, NRS-ZTL
70029858	2015-04-15	Update report to add new models NJS GS-XX, NCZH-XX
2754955	2015-01-07	Update report 2052591 to add alt. models HSS-AG- XX, NCZH-G-XX, NJS GS-G-XX, HSS-RSG-XX, NRS-G-XX, NBH-G-XX, HSS-G-XX, NHSS-G-XX, NGH-G-XX.
2747999	2014-08-14	Update report 2052591 to add new models LFH-A-XX and LYH-A-XX.
2577054	2013-04-28	Update report 2052591 to add alt models NCZH-XX, NJS GS-XX, NRS- XX, NBH-XX, NHSS-XX, NGH-XX.
2503715	2012-03-07	Update 2052591 to add new models # NSSS(TB/DTB/NSPC/NSPCSS/NSSSPC/NSSH/NSGH/NSB), #FXSS(FXTB/FXPC/FXTBPC/FXTBSS/FXSHTB/FXGHTB/FXBTB)



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2340647	2010-12-15	update report 2052591 to correct the mistakes on manual and add an alternative ignitor model NJ001A1 made by Norben
2235173	2009-11-24	Update report 2052591 to add 20 alternate models.
2140493	2009-08-27	Update report 2052591 to add alternative model nos
2052591	2008-11-17	Original Certification of model HSS-XX, HSS-NG-XX, HSS-RS-XX, FS87PHLP, FM87PHLP, SF87PHLP, and T87PHLP patio heaters (LP)(C/US).