

RADIATOR UNIT for PLASMA WELDING MACHINE

(NR-1800)

○Characteristic



Vertical storage



Horizontal storage

Lower cost compared with conventional chiller

About one half lower initial cost compared with conventional chiller (NC-3000)

Low power consumption

Able to stop working automatically after pilot arc switch off, because of non-flon machine ecological

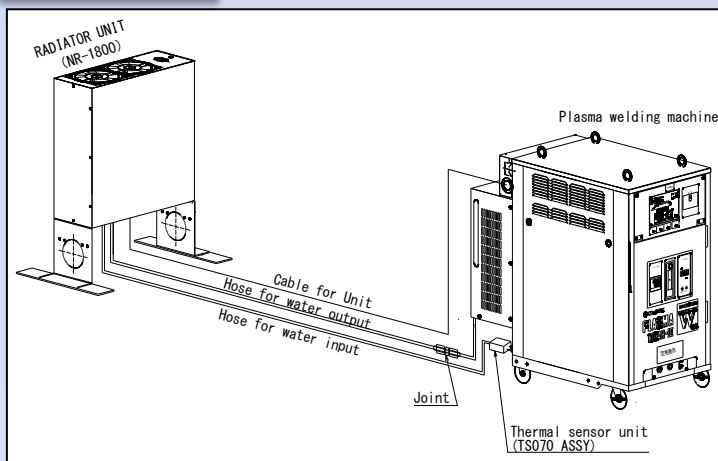
Thermal sensor standard installation

In case of detecting unusual water temperature, welding machine can output an alarm and make it stop working

Connecting with welding machine

Able to be connected with welding machine and easy to operate, maintenance

○Set-up



Notes

- *1: Coolability depends on outside air temperature and volume of flowing cooling water
- *2: Applicable range of welding current depends on applicable type of torch combination
- *3: Not including cooling water

○Standard accessories

Description	Specification	Qty	Notes
Radiator unit		1	
Thermal sensor unit		1	
Hose for water input (Water IN)	$\phi 6 \times 11$ 4m	1	Welding machine → Unit
Hose for water output (Water OUT)	$\phi 6 \times 11$ 4m	1	Unit → Welding machine
Joint		1	
Cable for Unit	$3C \times 1.25mm^2$ 5m	1	Including earth

○Specification

Description		NR-1800
Input voltage	V	1 ϕ AC 200V $\pm 10\%$ 50/60 Hz
Power consumption	W	Around 72/81
Cooling capacity	KW	2.0 *1
Applicable current range	A	Below 100 ※2
Surrounding temperature		Below 40°C
Thermal sensor unit		In case of increasing water temperature, welding machine can output an error [E11]
Outside dimension (W × D × H)	mm	Around 648 × 400 × 705 (Vertical) Around 500 × 500 × 212 (Horizontal)
Weight	kg	Around 27 (Vertical) Around 22 (Horizontal) *3