



Nanjing Huadi Electric power Equipment Engineering Co., LTD.

## Company Profile

Nanjing Huadi Electric Power Equipment Engineering Co., Ltd. is a leading professional manufacturer in SWS field. Coolers are Our main products. In terms of cooler coil material specifications, we offer two additional sizes compared to other well-known companies: 9.53\*2.11 and 6.35\*1.65. This significantly enhances the temperature and pressure resistance, ensuring the safe operation of the cooler. Furthermore, specifically for the Russian market, we have obtained the EAC certificate. We can provide safety certificates, technical passports, as well as calculation sheets for heat exchange and pressure bearing. Additionally, we have the expertise to deliver highly cost-effective coolers crafted from specialty materials, specifically tailored for corrosive applications



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## Cooler Data Sheet

Item	Technical parameter				
Model	COOL-DT-45H	COOL-DT-45	COOL-DT-33	COOL-DT-22	COOL-ST-22
heat transfer area	0.45m <sup>2</sup>	0.45m <sup>2</sup>	0.33m <sup>2</sup>	0.22m <sup>2</sup>	0.22m <sup>2</sup>
Coil size	3/8*0.083"	3/8*0.065"	3/8*0.065"	1/4*0.049"	1/2*0.049"
Coil model	double	double	double	double	single
Coil length	15.1	15.1	11.21	11.21	5.6
316LCoil design	600℃ @ 30.3MPa	550℃ @ 25.5MPa	550℃ @ 25.5MPa	500℃ @ 30.4MPa	500℃ @ 15.2MPa
6MoCoil design	—	350℃ @ 34.3MPa	350℃ @ 34.3MPa	300℃ @ 35.9MPa	300℃ @ 17.9MPa
625Coil design	—	700℃ @ 34.7MPa	700℃ @ 34.7MPa	600℃ @ 35.7MPa	600℃ @ 18.8MPa
HC276Coil design	—	650℃ @ 31.3MPa	650℃ @ 31.3MPa	600℃ @ 31.9MPa	600℃ @ 15.9MPa
400 Coil design	—	450℃ @ 34.9MPa	450℃ @ 34.9MPa	400℃ @ 36.5MPa	400℃ @ 18.3MPa
Body model	114*3*500	114*3*500	114*3*400	89*2*304	114*3*380
Cooling water In	3/4"NPTF	3/4"NPTF	3/4"NPTF	3/4"NPTF	3/4"NPTF
Cooling water Out	3/4"NPTF	3/4"NPTF	3/4"NPTF	1/2"NPTF	3/4"NPTF
NOTE:	<p>1、 For non-corrosive media, the Shell is typically made of 304 stainless steel and the sample tube of 316L stainless steel.</p> <p>2、 For corrosive sample, alloys 6MO, Inconel 625, HC276,and Monel 400 , 2205, are available upon special request.</p> <p>3、 For corrosive cooling water , 6MO, Monel 400 , 2205,904L, are available upon special request.</p> <p>4、 Two-stage cooling is recommended for 350 ° C - 450 ° C, and three-stage cooling for temperatures above 450 ° C,if the cooling water inlet temperature is above 35 ° C.</p>				

