



# VERTICAL ELECTRIC HEATERS

## CIRCULATION OF HOT FLUIDS

ISAF M.TG srl Via B. Parodi, 286/A 16010 Ceranesi - Genoa Italy  
 Tel. 010781793 - 0107848136 - 0107268816 e-mail: info@isafmtg.com

Type **W-EHCS V** Datasheet **43.5.30.6**  
 Rev. **0** Date **02/03/2016** Page **1/1**

### CONFIGURATION

Electric flow-through heaters, single replaceable elements with low surface complete with thermal insulation, switchboard, electrical heaters and the accessories request by the classification society..

### APPLICATION

Are mainly used as booster of auxiliary heating components for oil, hot water, steam production and thermal fluids in heating and air conditioning systems (HVAC) and production of hot water for sanitary use, on board Passengers Ships, Yachts, Navy, Offshore and Industry.

### DESIGN CONDICTIONS

Pressure Max. 6 bar  
 Temperature Max. 90° C  
 Temperature Min. 0° C

### SPECIAL PLANTS

Particular constructions are realized on customer's specification.

### ACCESSORIES AND COMPONENTS

ISAFMTG systems can be supplied complete with monitoring equipment, valves, switchboards and other accessories with assure their proper functioning. For an easier installation a wide range of components can be supplied.

### TESTS

RINA - ABS - LR - DNV - MMI

### MATERIALS

A1 STEEL P 265 GH

A3 ASTM A 106 B

X AISI 304 L

XX AISI 316 L

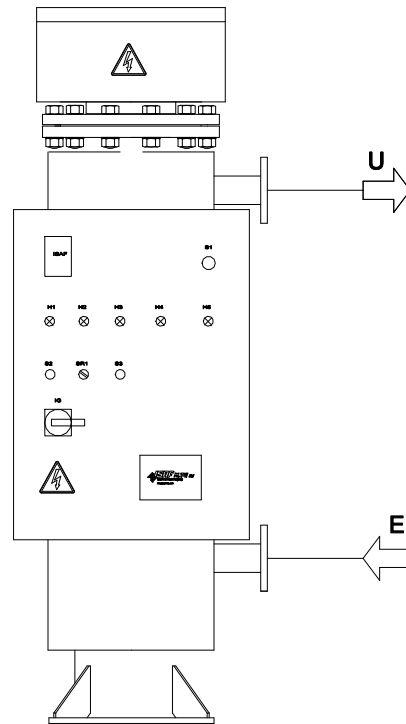
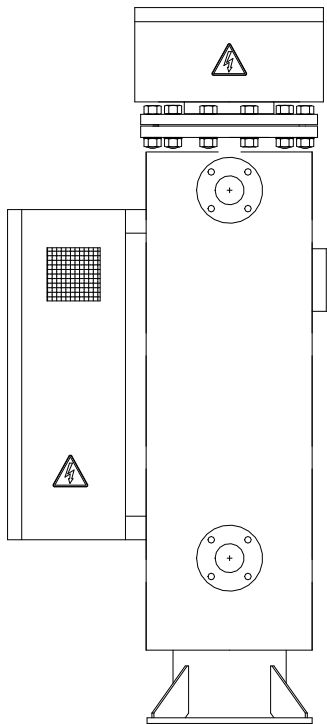
### CONNECTIONS

Threaded BSP - NPT

Flanged UNI - DIN - ASME - JIS

### TREATMENT

Thermal insulation, MED approved hig density rock wool coated with natural aluminum or stainless steel sheet. Treatment of internal of external surfaces according to the according to the application of the plant.



All information and data shown on this datasheet can be modified without notice

Model	Power kW 400 Vac. Cartr. L.1.000	Power kW 440 Vac. Cartr. L.1.000	Power kW 400 Vac. Cartr. L.1.500	Power kW 440 Vac. Cartr. L.1.500	Power kW 690 Vac. Cartr. L.1.000	Power kW 600 Vac. Cartr. L.1.500	Flange size
W-EHC60	24 - 30	30 - 38			24 - 36		ND 32
W-EHC80	48-55-63	58-67-77	96	116	60-72-84	88-105-123	ND 40
W-EHC100	80-88-95	96-105-115	132-144	160-175	96-108-120	132-144	ND 50
W-EHC120	127-135-143	153-163-173	192-204-216	232-247-261	156-168-180	228-246-264	ND 65
W-EHC140	167-175-192	200-210-220	252-264-276	305-320-334	216-228-240	280-298-315	ND 80
W-EHC160	235-240-245	288-290-297	348-360-372	421-435-450	276-288-300	404-423-440	ND100