



INTERCONNECTING PIPING

PIPE (TYPE & SIZE)	FITTINGS (inox)
Inlet H2 PF810	Steel S.S. AISI316 øe12/ø10 Fitting 1/2"-12 (cogive coupling)
Outlet H2 PF810	Steel S.S. AISI316 øe12/ø10 Fitting 1/2"-12 (cogive coupling)
Inlet N2 PF810	Polyamide (Rilsan) øe10/ø8 Fitting for RILSAN
Outlet N2 Dis.19.0	Polyamide (Rilsan) øe10/ø8 Fitting for RILSAN
Inlet H2 Dis.19.0	Steel S.S. AISI316 øe12/ø10 Fitting 1/2"-12 (cogive coupling)
Inlet dem H2O to Diss.19.0	Polyamide (Rilsan) øe10/ø8 Fitting for RILSAN
Outlet cooling water	Rubber 3/4" Fitting 3/4" gas F
N2 vent	Steel S.S. AISI316 øe12/ø10 Fitting for pipe ø12 (cogive coupling)
Inlet raw H2O to Demineralizer	Polyamide (Rilsan) øe10/ø8 Fitting for RILSAN
ELECTRIC CABLES	
Dissociator 19.0 Power Supply Cable	3x70+1G35 (JUNCTION BOX)
PF810 Power Supply Cable	3G1.5 (SOCKET 2P 16A 230V)
Gasodemol Demineralizzatore Power Supply Cable	3G1.5 (SOCKET 2P 16A 230V)

DISSOCIATOR 19.0 TECHNICAL DATA

Electrical data	67 kW – 400 V 3 phases – 50/60 Hz
Water consumption	12 l/h max production
H2 production	12500 l/h max production
H2 pressure	3÷6 bar
Inlet N2	4.5÷8 bar
Temp. cooling H2O	< 30°C
Flowrate cooling H2O	> 1.7 mc/h

PURIFICATOR PF810 TECHNICAL DATA

Electrical data	1 kW – 230 Vac – 50/60 Hz
Inlet N2	2 bar
Gas to be desiccated (H2)	To 10 bar – 10 Nm ³ /h max

DEMINERALIZER D20 TECHNICAL DATA

Installed power	0.25 kW – 230 Vac – 50/60 Hz
Delivery H2O demi outlet	15 lt/h
Delivery H2O inlet	60 lt/h

NOTE

DISSENI DI RIFERIMENTO
 REFERENCE DRAWINGS

REV.	EMMISSION	DESCRIZIONE/DESCRIPTION	DATA/DATE	DATA/DATE	DIS/DRAW	ENI/CHECK	APPROV.
0			10/01/07		Fontanelli	B. Brunori	B. Brunori

INSTALLATION LAYOUT
DISSOCIATOR 19.0 +
PF 810 + OSMODEM20

Idroenergy s.r.l.

FOGLIO 1 SEQUE -
 SHEET NEXT -
 FORM. A3
 REV. 0

CC GL 352