

iSep 500+ Ultrafiltration Module

Installation instructions



Figure1. iSep 500+ UF membrane cassette

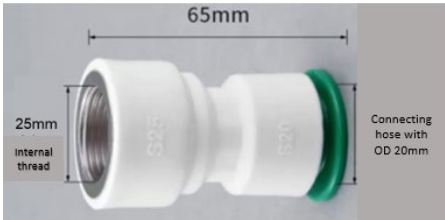


Figure 2. Air quick connector

TABLE 1. PACKING LIST OF ISEP 500+ COMPONENTS

No.	Name	#	Unit
1	iSep 500+ UF module	1	PCS
2	Air quick connector	1	PCS
3	Bandage, bracket, and bolts	1	PCS

1. Refer to the iSep 500+ UF membrane cassette. The frame size can be designed according to the actual number of modules.
2. Harness installation (outside the scope of supply): Determine the installation position and open two holes in the cassette according to Figure 4). Use a strap bolt to fix one end of the strap, then secure the other end after finishing the installation.
3. Remove the grooved end coupling plug at the overflow and feed/drain. Position the module vertically, keeping the plug in case you need it.
4. Placing the module assembly on the bottom frame, install according to Figure 3.
5. The intake, overflow, and production ports of the module are connected to the connector of the installation pipe using the grooved end coupling. The length of the connector depends on the pipe design.
6. The production line uses a section of transparent pipe for air tightness testing after operation.
7. Inlet pipe connection: Install the air quick coupling on the air intake port at the bottom of the module and connect it to the air intake pipe using a hose.
8. Attach the rubber side of the bandage to the module, tighten the bandage, and complete the installation.
9. Orient the module vertically, keeping the plug in case you need it.

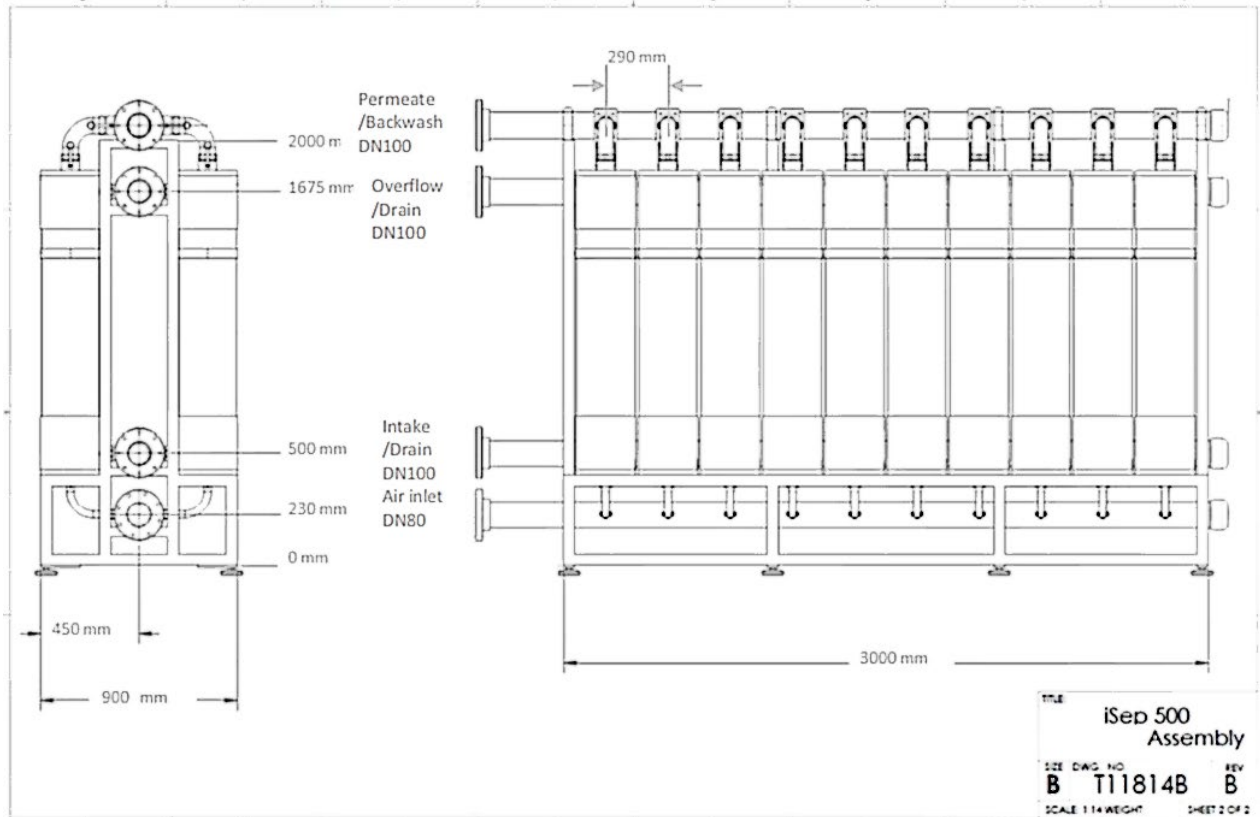


Figure 3. iSep UF module skid

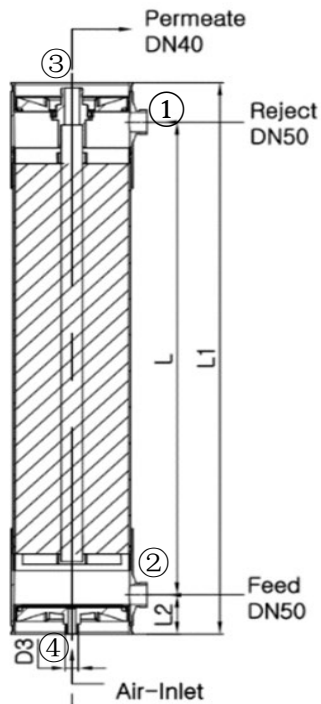


Figure 4. iSep 500+ dimensional diagram of module

TABLE 2. MODULE FUNCTION PORT DIMENSIONS

No.	1	2	3	4
Name	Overflow	Feed/drain	Permeate	Air
Size	2.0" Grooved End Coupling	2.0" Grooved End Coupling	1.5" Grooved End Coupling	1" MNPT