QuantumFlux™ SUF SKID

Submerged Ultrafiltration (SUF) Skid Specifications

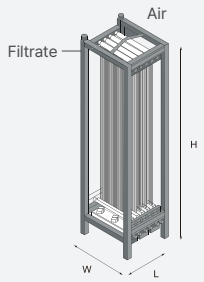
05 Module Skids

Skid Name	S1015-11ZD-SUF-05B	S1522-11ZD-SUF-05B	S2030-11ZD-SUF-05B
Membrane Module Name	QuantumFlux™ S1015	QuantumFlux™ S1522	QuantumFlux™ S2030
Filtration Surface Area (m^2) [ft^2]	75 [807]	110 [1,184]	150 [1,614]
Typical Flowrate, Raw Water* (m^3/day) [gpm]	67.5 (12.5)	99 (18)	135 (25)
Typical Flowrate, Wastewater* (m^3/day) [gpm]	52.5 (9.6)	77 (14)	106 (19.5)
L (mm) [inches]	495 [19.5]	495 [19.5]	495 [19.5]
W (mm) [inches]	640 [25]	640 [25]	640 [25]
H** (mm) [inches]	1,530 [60]	2,030 [80]	2,530 [99]
Filtrate Connection* (mm) [inches]	DN40 [1½]	DN40 [1½]	DN50 [2]
Air Connection* (mm) [inches]	DN40 [1½]	DN40 [1½]	DN40 [1½]
Max. Weight, Dry*** (kg) [lbs]	87 [192]	111 [245]	110 [309]
Skid Weight without modules** (kg) [lbs]	57 [126]	66 [146]	75 [165]
Lifting Weight, Wet**** (kg) [lbs]	147 [324]	201 [443]	270 [595]
Skid Frame Material	SS304 or SS316L		

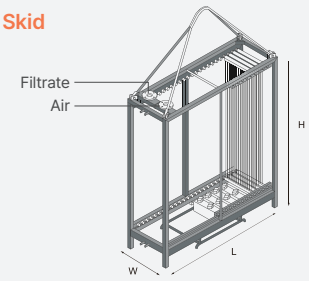
25 Module Skids

Skid Name	S1015-11ZD-SUF-25B	S1522-11ZD-SUF-25B	S2030-11ZD-SUF-25B
Membrane Module Name	QuantumFlux™ S1015	QuantumFlux™ S1522	QuantumFlux™ S2030
Filtration Surface Area (m^2) [ft^2]	375 [4,037]	550 [5,918]	750 [8,070]
Typical Flowrate, Raw Water* (m^3/day) [gpm]	338 (62)	495 (91)	675 (124)
Typical Flowrate, Wastewater* (m^3/day) [gpm]	263 (48)	385 (71)	525 (96)
L (mm) [inches]	1,935 [76]	1,935 [76]	1,935 [76]
W (mm) [inches]	690 [27]	690 [27]	690 [27]
H** (mm) [inches]	1,530 [60]	2,030 [80]	2,530 [99]
Filtrate Connection* (mm) [inches]	DN65 [2½]	DN65 [2½]	DN80 [3]
Air Connection* (mm) [inches]	DN65 [2½]	DN65 [2½]	DN65 [2½]
Max. Weight, Dry*** (kg) [lbs]	343 [756]	429 [946]	540 [1,190]
Skid Weight without modules** (kg) [lbs]	193 [425]	204 [450]	215 [474]
Lifting Weight, Wet**** (kg) [lbs]	643 [1,418]	879 [1,938]	1,190 [2,624]
Skid Frame Material	SS304 or SS316L		

05 Module Skid



25 Module Skid



Product Nomenclature

S2030 - 1 2 ZD-SUF 50 B 316L

- 316L — Skid Material - SS304 or SS316L
- B — Module Spacing - 65 mm
- 50 — Number of modules that can be installed on skid
- ZD-SUF — Aeration Design - ZD = Integrated Air/Water pipes,
- 2 — Number of Rows - 1 or 2
- 1 — Number of Vertical Layers - 1 or 2
- S2030 — Module Type - "S2030" = QuantumFlux™ S2030

50 Module Skids

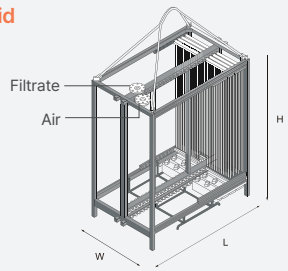
Skid Name	S1015-12ZD-SUF-50B	S1522-12ZD-SUF-50B	S2030-12ZD-SUF-50B
Membrane Module Name	QuantumFlux™ S1522	QuantumFlux™ S1522	QuantumFlux™ S2030
Filtration Surface Area (m^2) [ft^2]	750 [8,072]	1,100 [11,836]	1,500 [16,140]
Typical Flowrate, Raw Water* (m^3/day) [gpm]	675 (124)	990 [182]	1,350 [248]
Typical Flowrate, Wastewater* (m^3/day) [gpm]	525 (96)	770 [141]	1,050 [193]
L (mm) [inches]	1,935 [76]	1,935 [76]	1,935 [76]
W (mm) [inches]	1,280 [50]	1,280 [50]	1,280 [50]
H** (mm) [inches]	1,530 [60]	2,030 [80]	2,530 [99]
Filtrate Connection* (mm) [inches]	DN100 [4]	DN100 [4]	DN100 [4]
Air Connection* (mm) [inches]	DN100 [4]	DN100 [4]	DN100 [4]
Max. Weight, Dry*** (kg) [lbs]	565 [1,246]	731 [1,612]	947 [2,088]
Skid Weight without modules** (kg) [lbs]	265 [584]	281 [620]	297 [655]
Lifting Weight, Wet**** (kg) [lbs]	1,165 [2,568]	1,631 [3,596]	2,247 [4,954]
Skid Frame Material	SS304 or SS316L		

100 Module Skids

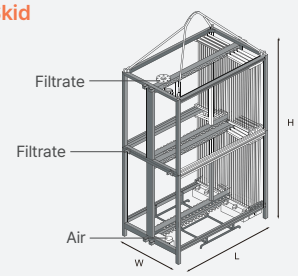
Skid Name	S1522-22ZD-SUF-100B	S2030-22ZD-SUF-100B
Membrane Module Name	QuantumFlux™ S1522	QuantumFlux™ S2030
Filtration Surface Area (m^2) [ft^2]	2,200 [23,680]	3,000 [32,291]
Typical Flowrate, Raw Water* (m^3/day) [gpm]	1980 (363)	2,700 (495)
Typical Flowrate, Wastewater* (m^3/day) [gpm]	1540 (282)	2,100 (385)
L (mm) [inches]	2,105 [83]	2,105 [83]
W (mm) [inches]	1,280 [50]	1,280 [50]
H** (mm) [inches]	3,670 [145]	4,670 [184]
Filtrate Connection* (mm) [inches]	DN100 [4]	DN100 [4]
Air Connection* (mm) [inches]	DN100 [4]	DN100 [4]
Max. Weight, Dry*** (kg) [lbs]	1,337 [2,948]	1,774 [3,911]
Skid Weight without modules** (kg) [lbs]	437 [963]	474 [1,045]
Lifting Weight, Wet**** (kg) [lbs]	3,137 [6,916]	4,374 [9,643]
Skid Frame Material	SS304 or SS316L	

* Typical values provided may change based on project specific requirements.
** Skid only not inclusive of any lifting apparatus
*** Crated with maximum number of modules
**** Varies with number of modules and solids accumulation

50 Module Skid



100 Module Skid



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