

Outline

3. Model codes

FF - 10 H T - S
a b a c d

a. Series code

FF-H : High liquid temperature

b. Maximum flow rate

10 : 10 L/min

20 : 20 L/min

40 : 40 L/min

c. Pump connection (Inlet/Outlet)

T : Tube (standard)

S : Screw

d. Special specifications

No symbol: Standard

S : Special specifications

4. Specifications

	Item	FF-10H	FF-20H	FF-40H
General	Max. flow rate*1	10 L/min	20 L/min	40 L/min
	Max. stroke rate	120 spm		80spm
	Suction lift*2	1m	2m	
	Liquid temperature range*3	20-180°C		
	Max. supply air pressure	0.196MPa		
	Wet ends	PFA, PTFE		
	Pump connection*4 (Tube or Screw)	PFA 1/2" tube (O.D. 12.7 × I.D. 9.52 mm)	PFA 3/4" tube (O.D. 19.05 × I.D. 15.83 mm)	PFA 1" tube (O.D. 25 × I.D. 22 mm)
	Supply air connection	Rc 1/4"		Rc 3/8"
	Max. air consumption (at max. flow rate)	80NI/min	150NI/min	200NI/min
	Ambient temperature range	0-40°C		
	Driving method	Pneumatic drive		
Proximity switch	Model	High-frequency proximity switch		
	Output	NPN DC open/close output		
	Power voltage	10-30VDC		
	Wire length	1m		

*1. The maximum flow rate is based on pumping ambient clean water.

*2. The suction lift is based on pumping ambient clean water at the maximum spm.

*3. Use the SC controller in order to control the differential pressure (the supply air pressure minus the discharge pressure) and stroke rate when the liquid temperature range is 160-180°C.

*4. Connection tubes and nuts are attached to the screw connection.