

Super Unit

[Single pump type]

Maximum
operating
pressure

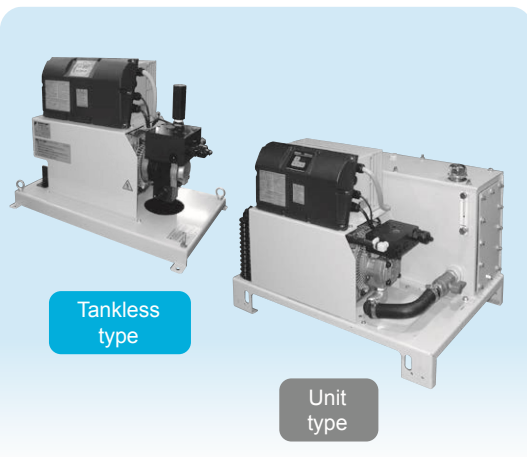
7 MPa

Maximum
flow rate

40 L/min

Model code

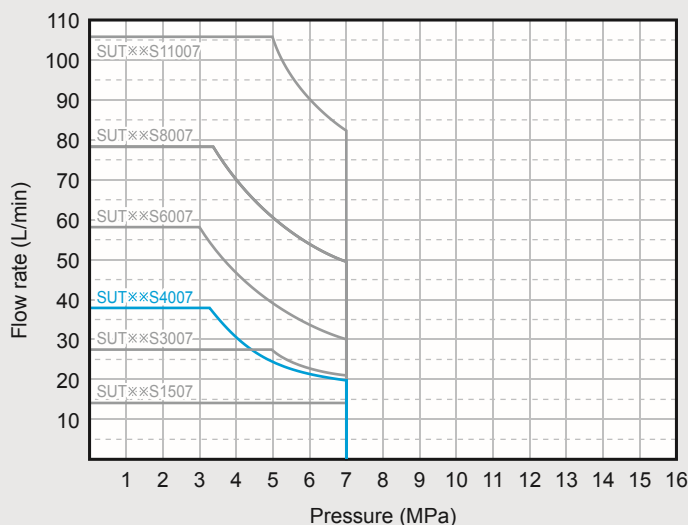
SUT××S4007-30



Tankless
type

Unit
type

Pressure – Flow rate characteristics (Representative)



* The graph shows actual flow rates (representative values).

* Operating flow rate at the maximum pressure in continuous operation:
8 L/min maximum

Specifications

		Tankless type	Unit type
Model code		SUT00S4007-30	SUT03S4007-30
Pump unit	Maximum flow rate (theoretical value; L/min) *1	39.7	
	Maximum operating pressure (MPa)	7.0	
	Operating flow rate adjustment range (L/min)	5.3 to 39.7	
	Operating pressure adjustment range (MPa)	1.5 to 7.0	
Motor capacity	Motor capacity (equivalent kW)	Equivalent to 3.7 kW	
Power supply	Motor pump/unit	3-phase, 200 V (50 Hz), 200 V (60 Hz), 220 V (60 Hz) (Permissible voltage fluctuation: ±10%)	
Rated current (A)	AC3 φ200V (50 Hz)	16.1	
	AC3 φ200V (60 Hz)	15.8	
	AC3 φ220V (60 Hz)	14.8	
Power source breaker setting (A)		20	
External input signal		5 channels	
		Photo-coupler insulation, DC 24 V (DC 27 V maximum), 5 mA/channel	
External output signal	Digital output	2 channels, photo coupler insulation, FET output, DC 24 V, 50 mA maximum per channel	
	Contact output	1 channel (1 common contact), dry contact Contact capacity: DC 30 V, 0.5 A (resistance load)	
Mass (kg)		46	64
Operating conditions	Usable oil *2	Special mineral-oil base hydraulic oil/wear-resistant hydraulic oil • Viscosity grade: ISO VG32 to 68 • Viscosity range: 15 to 400 mm ² /s • Contamination: Within NAS class 10 • Volumetric water content: 0.1% maximum	
	Operating hydraulic oil temperature (in tank)	0 to 60°C (Recommended operating temperature range: 15 to 50°C)	
	Operating ambient temperature	0 to 40°C	
	Storage ambient temperature	-20 to 60°C	
	Operating ambient humidity	85% RH max. (no condensation)	
	Installation site	Indoors (Be sure to secure the unit with bolts.)	
Others		<ul style="list-style-type: none"> • Be sure to connect a circuit breaker for all (three) poles and the earth leakage breaker. • Make sure that the electrical wiring meets the requirements of European Standard EN60204-1. • Frequent turning this unit's power supply ON/OFF will considerably shorten the control unit's service life. To start or stop the unit at 8-minute or shorter intervals, use the unit's control stop function. • Be sure to connect the ground terminal. 	
Tank capacity (L)		-	30
Standard coating color		Ivory white (Munsell code 5Y7.5/1)	

Note) *1: The pump flow rate has been factory-set to the maximum discharge rate. The maximum discharge rate given in the table above is a theoretical value, not a guaranteed value.
*2: Consult Daikin about the use of hydraulic oils other than mineral-oil base type (e.g. hydrous/synthetic) such as water-glycol hydraulic oil.

*3: The unit incorporates a safety valve.

*4: When selecting a Super Unit, refer to "Pressure-Flow rate characteristics and how to select a unit" on Page 49.

For the purpose of making improvements, the specifications given in catalogs are subject to change without prior notice. Be sure to refer to the latest outside drawing.

