

Super Unit

[Double pump type]

Maximum operating pressure

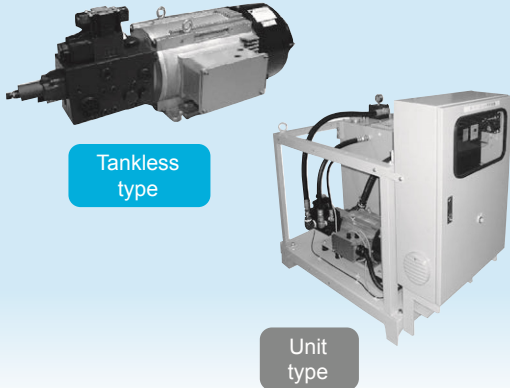
21 MPa

Maximum flow rate

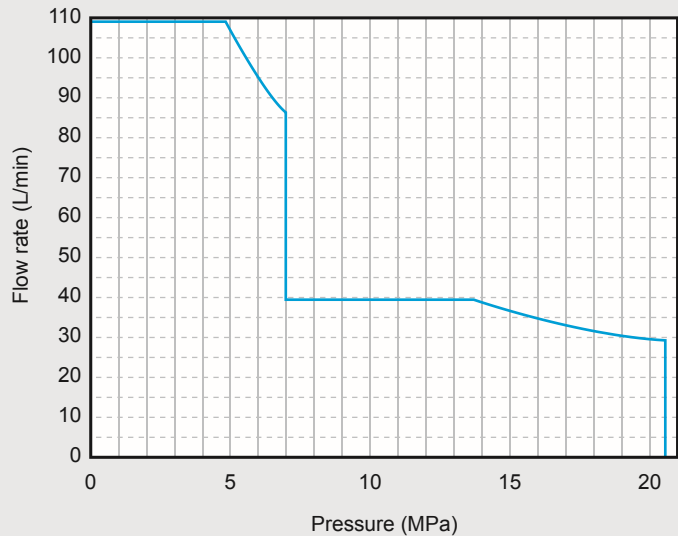
110 L/min

Model code

SUT00D11021-30
P-SUT20D11KW-30



Pressure – Flow rate characteristics (Representative)



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

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

Specifications

Model code		Tankless type	Unit type
Model code		SUT00D11021-30	P-SUT20D11KW-30
Pump unit	Maximum flow rate (theoretical value; L/min) *1	110	
	Maximum operating pressure (MPa)	20.6	
	Operating flow rate adjustment range (L/min)	13.3 to 110	
	Operating pressure adjustment range (MPa)	1.5 to 20.6	
Motor capacity	Motor capacity (equivalent kW)	Equivalent to 11 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)	38.3	
	AC3 φ200V (60 Hz)	37.8	
	AC3 φ220V (60 Hz)	34.9	
Power source breaker setting (A)		75	
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)		112	360
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 9 • 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)		-	200
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. Keep the contamination level of the hydraulic fluid within NAS contamination class 10 for operating pressures of 7 MPa or lower.

*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.

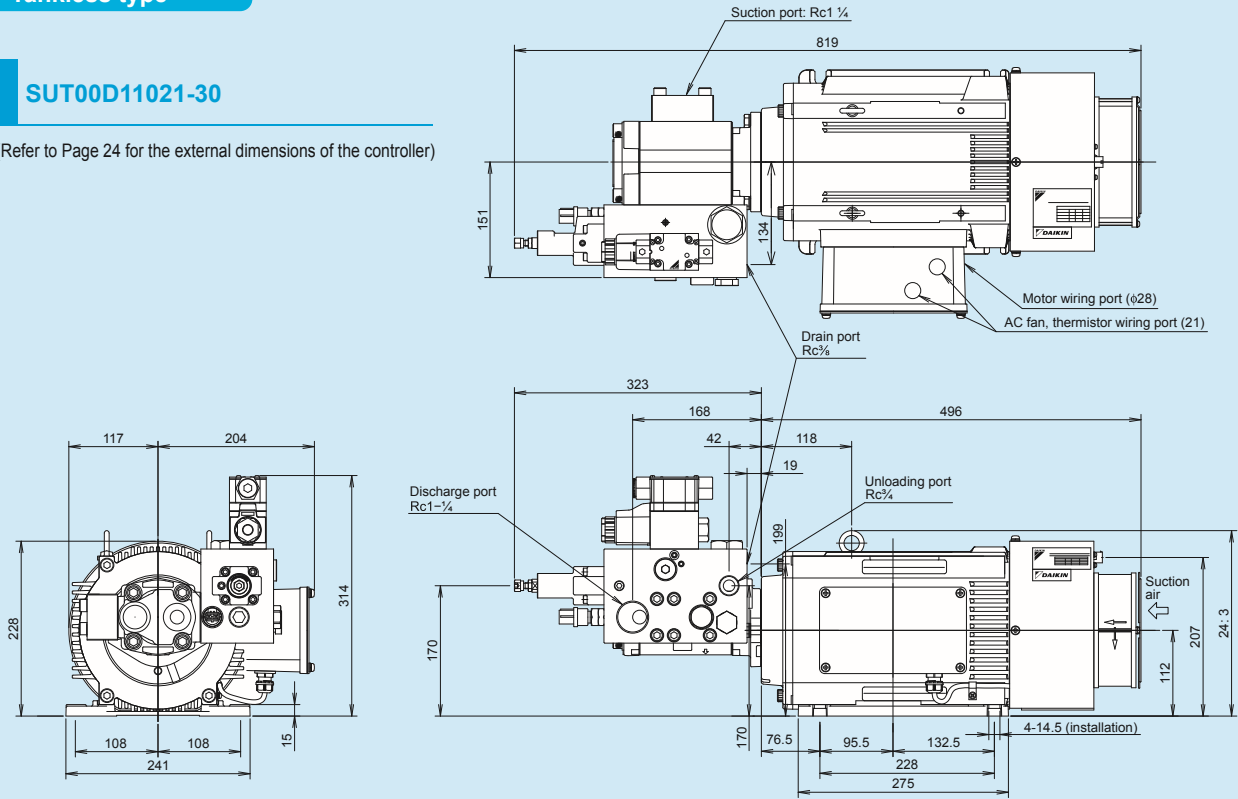
For the purpose of making improvements, the specifications given in catalogs are subject to change without prior notice. Be sure to refer to the latest outside drawing.

External Dimension Diagram

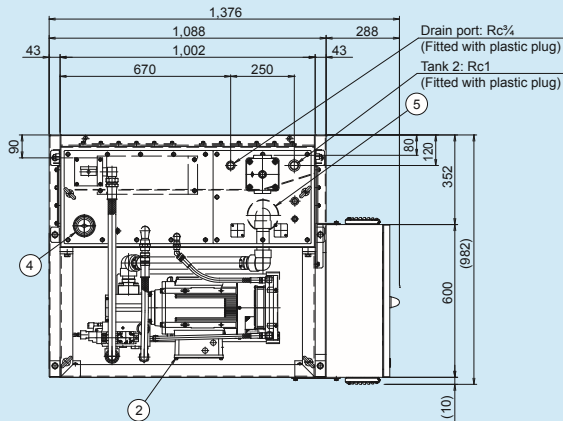
Tankless type

SUT00D11021-30

(Refer to Page 24 for the external dimensions of the controller)



Unit type



P-SUT20D11KW-30

Part No.	Name	Quantity
1	Oil tank	1
2	Motor pump	1
3	Oil level gauge	2
4	Oil filler port-cum-air breather	1
5	Suction strainer	1
6	Return filter	1
7	Oil cooler	1
8	Pressure gauge	1
9	Thermometer	1
10	Outlet block	1
11	Vibration-absorbing rubber	6
12	Foundation plate	1
13	Electrical cabinet	1

