



Stainless Steel

PRESSURE FEED TANKS



扶桑精機株式会社

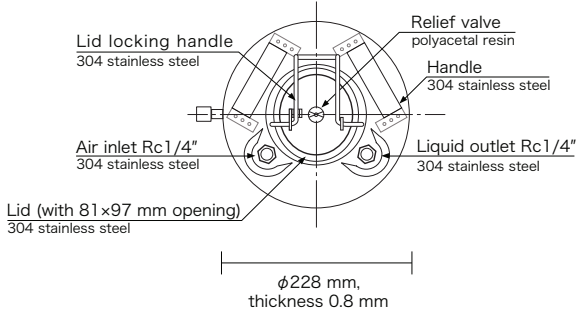
Catalog No.CCTN-22EA

Stable Supply, Safe Design.

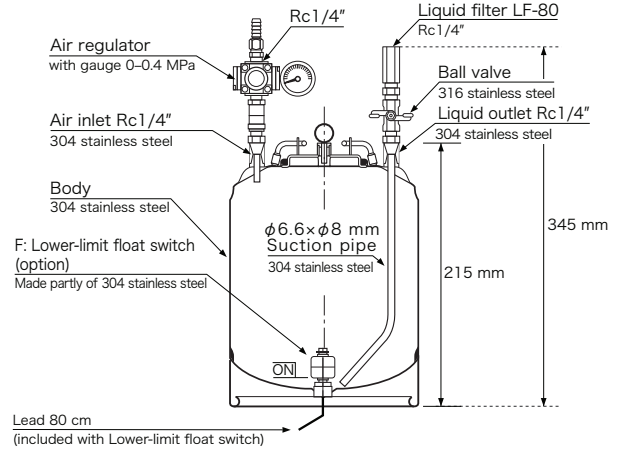
Ideal for supplying high-viscosity liquids.

Maximum allowable working pressure: 0.49 MPa (predetermined pressure limit of relief valve: 0.59 MPa)

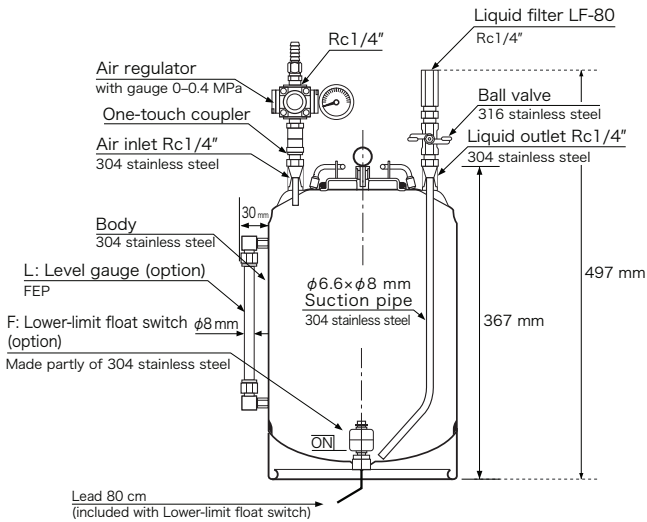
■ Dimensions



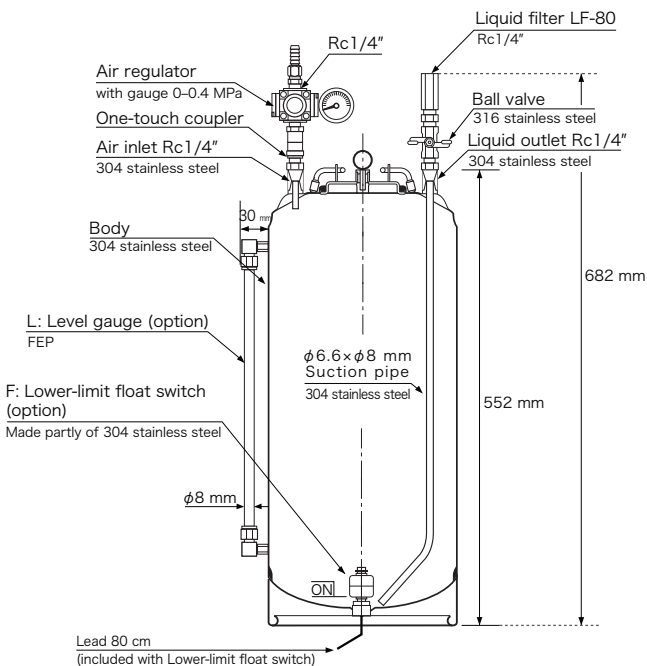
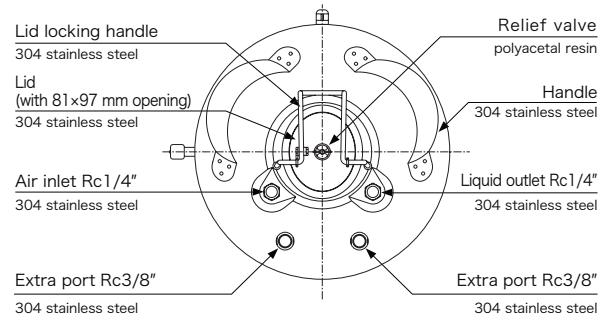
Top View (CT-N5/CT-N10/CT-N20)



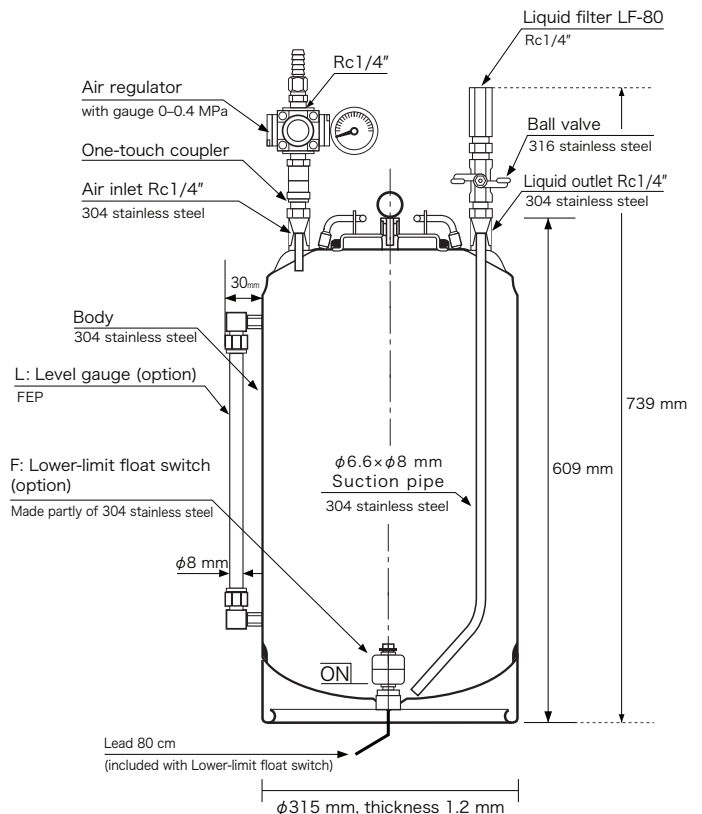
CT-N5 series



CT-N10 series



CT-N20 series



CT-N39 series

■ Features

- Light and compact. One-touch lever makes opening and closing the cover easy.
- Safety structure prevents the cover from opening when pressure is applied, thanks to inner lid design.
- Equipped with air regulator, relief valve, liquid filter.

■ Standard specifications

- Lid** : O-ring (FKM),
Relief valve (polyacetal resin)
- Air inlet** : Air regulator (with 0.4 MPa gauge and one-touch coupler)
- Liquid outlet**: Liquid filter (80 mesh, stainless steel), ball valve

*The optional 150 mesh filter is available for low-viscosity liquids such as water and alcohol.

*Remove the liquid filter when used with high-viscosity liquid such as adhesives.

■ OPTION

Level Gauge (L)

The fluid level is visible through the clear FEP tube.



<Standard model>

Relief valve: polyacetal resin



O-ring for lid : FKM

<Solvent-resistant model>

Relief valve: stainless steel

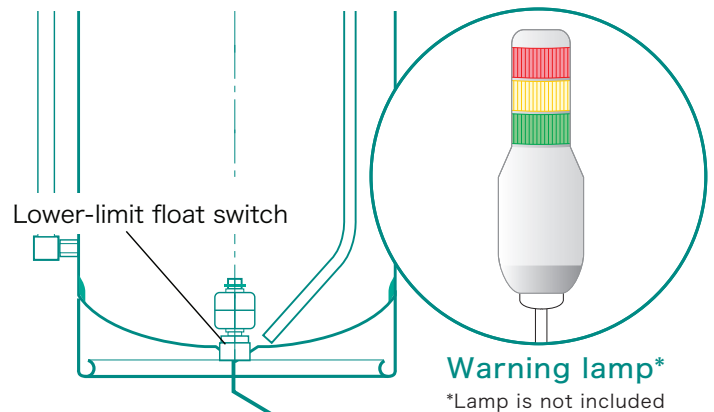


O-ring for lid : Silicone rubber coated with FEP (for 39 L, FFKM O-ring)

Lower-Limit Float Switch (F)

When the float sinks to the metal plate of the bottom along with the decrease in fluids, it actuates a warning lamp or buzzer.

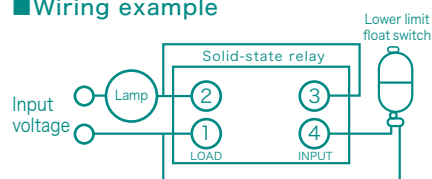
Lower-limit float switch cannot be used with liquids with a specific gravity up to 0.7 or high-viscosity liquids such as adhesives.



Conditions of use for lower-limit float switch

Contact rating	
Voltage	Maximum load current
200 VAC	15 mA
100 VAC	30 mA
24 VAC/VDC	100 mA

■ Wiring example



The left figure is an example when the input power voltage and the input voltage of the solid-state relay are the same. The terminal number is for OMRON. Please refer to the switch maker's user guide.

■ CAUTION

Do not connect loads such as lamps directly. Use a relay and switch the load.

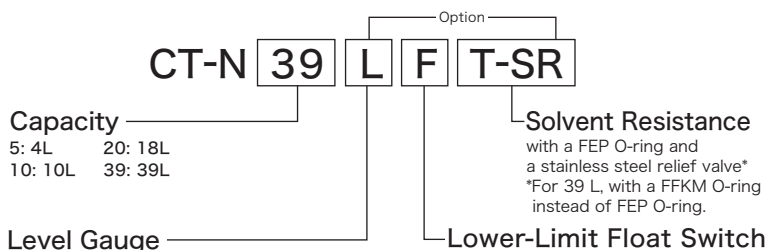
Pressure Feed Tanks Reference Chart

	Model	Capacity	Solvent Resistance	Level Gauge	Lower-Limit Float Switch	Mass
Stainless steel pressure feed tanks	CT-N5	4 L	×	×	×	2.80 kg
	CT-N5F	4 L	×	×	✓	2.85 kg
	CT-N5T-SR	4 L	✓	×	×	2.80 kg
	CT-N5FT-SR	4 L	✓	×	✓	2.85 kg
	CT-N10	10 L	×	×	×	3.40 kg
	CT-N10L	10 L	×	✓	×	3.55 kg
	CT-N10F	10 L	×	×	✓	3.45 kg
	CT-N10LF	10 L	×	✓	✓	3.60 kg
	CT-N10T-SR	10 L	✓	×	×	3.40 kg
	CT-N10LT-SR	10 L	✓	✓	×	3.55 kg
	CT-N10FT-SR	10 L	✓	×	✓	3.45 kg
	CT-N10LFT-SR	10 L	✓	✓	✓	3.60 kg
	CT-N20	18 L	×	×	×	4.10 kg
	CT-N20L	18 L	×	✓	×	4.30 kg
	CT-N20F	18 L	×	×	✓	4.15 kg
	CT-N20LF	18 L	×	✓	✓	4.30 kg
	CT-N20T-SR	18 L	✓	×	×	4.10 kg
	CT-N20LT-SR	18 L	✓	✓	×	4.30 kg
	CT-N20FT-SR	18 L	✓	×	✓	4.15 kg
	CT-N20LFT-SR	18 L	✓	✓	✓	4.30 kg
	CT-N39	39 L	×	×	×	8.10 kg
	CT-N39L	39 L	×	✓	×	8.55 kg
	CT-N39F	39 L	×	×	✓	8.15 kg
	CT-N39LF	39 L	×	✓	✓	8.55 kg
	CT-N39T-SR	39 L	✓	×	×	8.10 kg
	CT-N39LT-SR	39 L	✓	✓	×	8.55 kg
	CT-N39FT-SR	39 L	✓	×	✓	8.15 kg
	CT-N39LFT-SR	39 L	✓	✓	✓	8.55 kg

*4-L tank does not have a level gauge option.

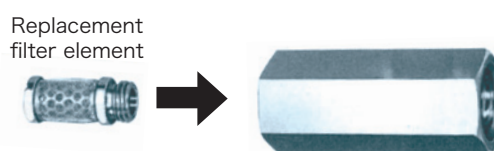
✓ = Included × = Not included

Product Number



Liquid Filter

LF-80 (standard)/LF-150



	Part name	Code	Solvent Resistance	Notes
Accessories and spare parts	O-ring for lid (FKM)	14126	×	Standard
	O-ring for lid (FEP)	14127	✓	Solvent-resistant type
	O-ring for lid (FFKM)	14129	✓	Use only for 39 L solvent-resistant tanks
	Relief valve (polyacetal resin)	14131	×	Standard
	Relief valve (stainless steel)	14132	✓	304 stainless steel
	Air regulator	14133	N/A	With one-touch coupler
	Liquid ball valve	14134	✓	With liquid filter LF-80
	Liquid filter LF-80	LF-80	✓	303 stainless steel, Rc1/4"×Rc1/4" 80 mesh
	Liquid filter LF-150	LF-150	✓	303 stainless steel, Rc1/4"×Rc1/4" 150 mesh
	Replacement filter element for LF-80	18607	✓	80 mesh
Replacement filter element for LF-150	18608	✓	150 mesh	

● All product specifications are subject to change without notice to improve reliability, function or design or otherwise.

FUSO SEIKI CO., LTD.
扶桑精機株式会社

6-12-17, Hon-Komagome

Bunkyo-ku, Tokyo, 113-0021, JAPAN

Phone +81-3-3947-1334 <https://www.fusoseiki.co.jp/en/>

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