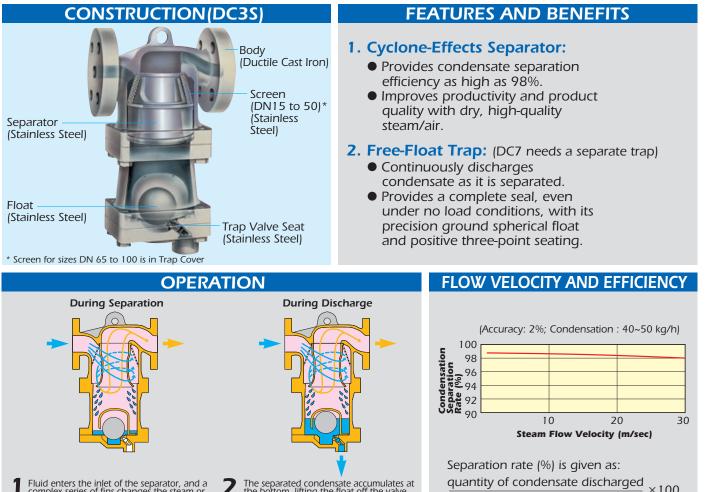
TLV. Cyclone Separators DC Series



CONDENSATE ENTRAINED IN STEAM AND AIR WILL BE REMOVED WITH 98% EFFICIENCY.



- Fluid enters the inlet of the separator, and a complex series of fins changes the steam or air flow into a high-speed cyclone flow, separating even mist-like condensate.
- The separated condensate accumulates at the bottom, lifting the float off the valve seat and discharging condensate continuously.

quantity of condensate discharged ×100 quantity of incoming condensate

SPECIFICATIONS									
Model		Туре	Connection	Sizes	Body Material	Orifice No. (Built-in Trap)	Max. Operating Pressure (barg) PMO	Max. Differential Pressure (bar) PMX (Built-in Trap)	Max. Operating Temperature(C) TMO
	DC3S	Steam Separator Trap	Screwed	¹ /2″, ³ /4″, 1″	Ductile Cast Iron	21	21	21	220
			Flanged	DN 15, 20, 25, 40, 50, 65, 80, 100					
	DC3A	Air Separator Trap	Screwed	¹ /2″, ³ /4″, 1″	Cast Iron Ductile Cast Iron	10	10	10	100
			Flanged	DN 15, 20, 25, 40, 50, 65, 80, 100					
Ţ	DC7	Steam/Air Separator	Screwed	¹ / ₂ ″, ³ / ₄ ″, 1″, 1 ¹ / ₂ ″, 2″	Stainless Steel	_	25	_	300
			Socket Welded	DN 15, 20, 25,					
			Flanged	40, 50					
PRESSURE SHELL DESIGN CONDITIONS (NOT OPERATING CONDITIONS): Do not use for toxic, flammable or otherwise hazardous fluids Maximum Allowable Pressure (barg) PMA: 13 (DC3A-Screwed), 21 (DC3A-Flanged, DC3S), 25 (DC7) 1 bar = 0.1 MPA									

Maximum Allowable Pressure (barg) PMA: 13 (DC3A-screwed), 21 (DC3A-Flanged, DC3S), 25 (DC7) Maximum Allowable Temperature (C) TMA: 200 (DC3A-Screwed), 220 (DC3A-Flanged, DC3S), 300 (DC7)

CAUTION

To avoid abnormal operation, accidents or serious injury, DO NOT use this product outside of the specification range. Local regulations may restrict the use of this product to below the conditions quoted.

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Pamphlet U2800 Rev. 4/2025 Specifications subject to change without notice.