

TRESU

Solutions for Dampening Water Circulation



TRESU Dampening Water Circulators

Reliability, durability and innovation -the printer's first choice for dampening water process central.

TRESU dampening water circulators offer an innovative control platform that easily integrates to any sheet-fed or web offset printing press.

DWC 5

Compact single pump dampening water circulator that uses a 1/3 hp cooling pack for use with one print unit on either a half size or full-size press or multiple print units or small presses. Current design uses a 10-gallon water reservoir just like the more powerful DWC 10 with instructions to fill to 5 gallons maximum for optimum cooling efficiency. Available in 115V or 230V single phase.

DWC 10

Compact single or two pump dampening water circulator that uses a 1/2 hp cooling pack. Can be used with one print unit on either a full-size press or as a central unit for multiple printing units on smaller presses. Available in 115V or 230V single phase.

DWC 20

Dampening water circulator available with 2-4 circulation pumps that uses two, 1/2 hp cooling packs in a modular design. Used with multiple print units on either a half size or full-size printing press. Available in 230V single phase.

DWC 30

Our largest dampening water circulator available with 4-6 circulation pumps and uses three, 1/2 hp cooling packs in a modular design. Best used as a central unit for half size or full-size printing presses. Available in 230V single phase.



DWC 5
Compact dampening
water circulator



DWC 10
Compact dampening
water circulator



DWC 20
Compact dampening
water circulator



DWC 30
Compact dampening
water circulator

Features

- Durable cabinet construction
- Environmentally friendly refrigerant
- Stainless steel cooling reservoir
- Easy-to-operate controls
- Digital temperature control
- Integrates with all offset press formats
- Extra capacity (EC) units available for high temperature applications
- Installation kit included

TRESU DWC Application Guide

Press Format (Inches/Mm)	Press Type	1/C	2/C	4/C	5/C	6/C	7/C	8/C	10/C	12/C
20 to 22 508 to 558.8	AB Dick Hamada Heidelberg Ryobi Toko	DWC 5-1	DWC 5-1	DWC 5-1	DWC 10-1	DWC 10-1	N/A	N/A	N/A	N/A
26 to 29 660.4 to 736.6	Akiyama Heidelberg KBA Komori Manroland Mitsubishi Ryobi Sakurai Shinohara	DWC 5-1	DWC 10-1	DWC 20-2	DWC 20-3	DWC 20-3	DWC 20-4	DWC 30-4	DWC 30-5	DWC 30-6
40 to 44 1016 to 1117.6	Akiyama Heidelberg KBA Komori Manroland Mitsubishi	DWC 5-1	DWC 10-2	DWC 20-4	DWC 30-5	DWC 30-6	DWC 30-6	DWC 30-6	(2) DWC 30-5	(2) DWC 30-6
50 to 56 1270 to 1397	Heidelberg KBA Manroland Mitsubishi	DWC 10-1	DWC 20-2	DWC 30-4	DWC 30-5	(2) DWC 20-3	DWC 20-4 DWC 20-3	2) DWC 20-4	(2) DWC 30-5	(2) DWC 30-6
64 1525	Heidelberg KBA Manroland	DWC 10-1	DWC 20-2	DWC 30-4	DWC 30-5	(2) DWC 20-3	DWC 20-4 DWC 20-3	2) DWC 20-4	(2) DWC 30-5	(2) DWC 30-6

Optional add-ons for DWC

- Extra capacity (EC) DWC's are available in 10-, 20-or 30-gallon reservoir sizes and they use larger cooling capacity ¾ hp cooling packs. These units come in 230V single phase only and are recommended for press rooms with high ambient temperatures or where UV application generates excessive heat.

TRESU DWC Technical Specifications

Model	Available Pump	Power (VAC)	Max. Amps	Refrigerant	Compressor Capacity		Reservoir Capacity		Cabinet Dimensions (HxWxD)		Approx. Gross Dry Weight	
					HP	KW	Gallons	Liters	Inches	Centimeters	Pounds	Kilos
DWC 5	1	110-120 50/60 Hz 208-230, 50/60 Hz	12.3 7.2	R134a	1/3	0.246	5	19	42 x 18 x 24	107 x 46 x 72	256	120
DWC 10	1 or 2	110-120 50/60 Hz 208-230, 50/60 Hz	15.4 10.4	R134a	1/2	0.466	10	38	42 x 18 x 24	107 x 46 x 72	256	120
DWC 20	2 to 4	208-230, 50/60 Hz	18.1	R134a	1/2	0.932	20	76	42 x 35 x 29	107 x 88 x 72	490	223
DWC 30	4 to 6	208-230, 50/60 Hz	27.6	R134a	1/2	1.398	30	114	42 x 51 x 29	107 x 129 x 72	630	286
DWC 10 EC	1 or 2	208-230, 50/60 Hz	13.7	R134a	3/4	0.559	10	38	42 x 18 x 24	107 x 46 x 72	256	120
DWC 20 EC	2 to 4	208-230, 50/60 Hz	26.4	R134a	3/4	1.118	20	76	42 x 35 x 29	107 x 88 x 72	490	223
DWC 30 EC	4 to 6	208-230, 50/60 Hz	37.5	R134a	3/4	1.677	30	114	42 x 51 x 29	107 x 129 x 72	630	286

Spare- and wear parts for TRESU DWC

Filter bag replacement for space saver and DWC 3045879		Nova pump w/WAGO plug, 230V 60Hz 5050860		Nova pump w/WAGO plug, 115V 60Hz 5050859	
Air filter for DWC circulators 4112957		Auxiliary tank for pre-mixing fountain solution (5 gallon) 5054540		Cooling pack DWC10, DWC20, DWC30 5051149	
White impeller for 60Hz 2-3/4 3045882		Yellow impeller for 50Hz 3 – 1/8 3045883		Green impeller for low velocity 60 Hz 2- 1/4 3045884	

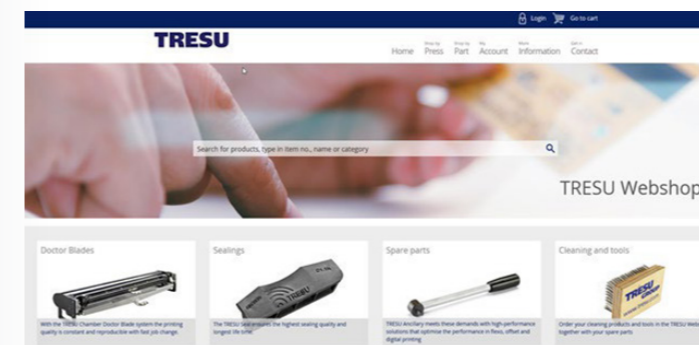
Ordering TRESU DWC online:

TRESU webshop

Explore our range online - we ship to all destinations on a daily basis.

We have put together a special selection of frequently purchased genuine spare parts and consumables in order to extend the performance of your TRESU equipment:

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- Order around the clock – daily shipping
- Worldwide delivery
- Genuine spare parts & consumables
- Proven TRESU products



Shop genuine spare parts -by press, part or item number!



TRESU is a highly specialized company offering flexoprinting machines and ancillary products and concepts for flexo, digital and offset printing as well as customer service and technical support.

TRESU has more than 40 years of experience and expertise in the development, production and maintenance of engineered solutions and supplies directly to end-customers, OEMs and partners worldwide.

TRESU has production facilities in Denmark and sales companies in USA, Germany, Italy, Japan and China as well as an international agency network providing local support and know-how.

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