

TRESU

Solutions for Dampening Water Circulation



TRESU Dampening Water Circulators

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

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 water dampening 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 small presses. Current design uses a 10-gallon reservoir just like the more powerful DWC 10 with instructions to fill to 5 gallons maximum for use with the smaller capacity cooling pack. 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 multiple 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 display in Celsius or Fahrenheit
- 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

- Conductivity monitoring
- Auto-Mix II for two step fountain concentrates
- 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 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	11.5	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	19.5	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	28.5	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

<p>Bag filter replacement for space saver and DWC</p>  <p>3045879</p>	<p>Nova pump w/WAGO plug, 230V 60Hz</p>  <p>5050860</p>	<p>Nova pump w/WAGO plug, 115V 60Hz</p>  <p>5050859</p>
<p>Air filter for DWC circulators</p>  <p>4112957</p>	<p>Conductivity monitoring kit for DWC</p>  <p>5050858</p>	<p>Cooling pack DWC10, DWC20, DWC30</p>  <p>5051149</p>
<p>White impeller for 60Hz 2-3/4</p>  <p>3045882</p>	<p>Yellow impeller for 50Hz 3 - 1/8</p>  <p>3045883</p>	<p>Green impeller for low velocity 60 Hz 2 - 1/4</p>  <p>3045884</p>

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:

<https://www.tresu.com/webshop>



Direct, fast, secure, and convenient on-line portal for ordering genuine spareparts& consumables:

- Save time and money
- 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.

TRESU A/S

DK-6000 Kolding
DENMARK
+45 7632 3500

TRESU GmbH

D-31157 Sartstedt
GERMANY
+49 5066 9174286

TRESU Japan Co., Ltd.

559-0033 Osaka
JAPAN
+81 6 4703 060

TRESU Americas

Grapevine, TX 76051
USA
+1 214 631 2844

TRESU Italia s.r.l

I-20024 Garbagnate Milanese (MI)
ITALY
+39 0296 59 202

TRESU China

100062 Beijing
CHINA
+86 (0) 10 65911628

TRESU Americas Customer Care:

Tel: +1 866 873 7887

Mail: Spareparts-us@tresu.com

www.tresu-webshop.com/us

Venusvej 44 | DK-6000 Kolding | Denmark

Tel.: +45 76 32 35 00 | tresu@tresu.com

TRESU

Sign up on tresu.com and stay connected

www.tresu.com