

# DeLaval DXNAF milk cooler

## Meeting your highest cooling and storage needs





## Technology to meet highest expectations

### DeLaval T125 cleaning system for high quality milk

#### Total cooling efficiency

DeLaval offers highest quality milk cooling solutions to meet your cooling demands and help increase milk production efficiency. Our range is able to meet virtually all raw milk storage and cooling demands, from a herd of one to over 10,000 cows.

The fast-draining DeLaval milk cooler DXNAF is designed with the milk hauler in mind and the range includes models built to handle even the largest dairy's needs. This quality range incorporates an exclusive DeLaval cleaning system T125.

Our easy-to-install DXNAF includes a comprehensive six-cycle wash program, a unique outlet design and premium condensing units for fast cooling.

#### Flexibility

The new DeLaval cleaning system T125 incorporates proven technology to offer flexible and easy operation. With the T125 you can completely, accurately control all your cooling and washing functions, including the length of each washing cycle and the cooler's water level during washing.

#### User Friendly

Cooling indicator lights with external connections for remote alarm - indicate if the unit is cooling the milk or has already cooled it. An easy to read LED display shows you the temperature and whether the unit is cooling or washing.

Staggered condensing unit starts reduce electric surges and operating costs. To keep the milk at an even temperature the unit uses adjustable interval agitation, while the milk hauler's blend cycle gives accurate milk sampling.

#### Accuracy and Safety

Its standard six-cycle wash program helps ensure complete cooler cleaning. Customization is possible. Peristaltic pumps safely deliver accurate amounts of cleaning and sanitizing solution. A high capacity wash pump then thrusts the solution into the specially designed spray dish, to effectively complete the cycle. The T125 also features adjustable drain times to reduce chemical dilution of any prior cycle's residue.



1. Cooler control unit
2. Peristaltic chemical pumps
3. Exclusive leg design
4. Drain valve 3" with locking device

## Condensing units designed to give you cool quality milk

All condensing units use HFC refrigerants

#### Exclusive Outlet Design

DeLaval DXNAF milk cooler features an exclusive three-inch outlet design to provide fast draining of even the largest cooler, so milk exits rapidly and milk haulers can depart sooner.

#### ERS (Energy Recovery System)

Water heating and milk cooling consumes 45 percent of the electrical energy used on most dairies. ERS can reduce your dairy's water heating costs by as much as 60 to 75 percent. These energy recovery units will reduce the load on your condensing units and are available in three sizes, with single or dual refrigeration circuits.

#### Smooth Operator

Increasing the efficiency of your plate heat exchanger can lower your electrical cooling costs and improve your milk storage. This unit evenly pumps milk through the plate cooler to give you extra milk pre-cooling and it gently handles warm milk to help protect its quality.

#### Siberian Express

Our high performance Siberian Express condensing units come in various sizes and provide ample capacity for most dairy farming operations. All models use oversized condensers for a better response in even the most demanding conditions and all models incorporate an outdoor design, for use in non-freezing climates.

#### Alberta Clipper

Alberta Clipper condensing units are used in larger sized tanks to provide a faster cooling time. The Carlyle® semi-hermetic compressors offer high performance with twin six cylinder compressors.

#### Plate heat exchanger

Featuring single or dual coolant systems, these units can dramatically reduce your cooling system's energy requirements and related annual costs. They are offered in three frame sizes for small dairies to parlors larger than double 60.





# DeLaval DXNAF milk cooler

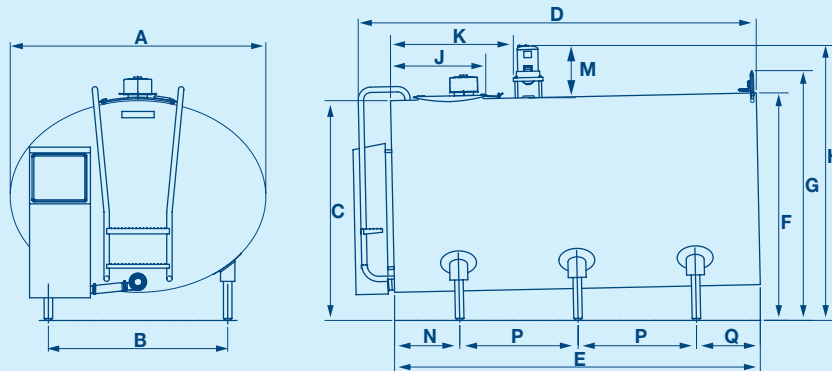
## Single Agitator

Gallons	A	B	C	D	E	F	G	H	J	K	L	M	# of legs
800	71 5/16	50	61 1/2	89	80	63	67	86	26 9/16	34 1/4	N/A	24	4
1000	71 5/16	50	61 1/2	111	102	64 1/2	68	86	26 9/16	34 1/4	N/A	24	6
1600	80 1/16	48 1/4	69	130	121	71 1/2	76	94	26 9/16	55 7/8	N/A	24	6
2000	80 1/16	48 1/4	69	164	155	71 1/2	77 1/2	94	26 9/16	73 3/8	N/A	24	8
2700	90 1/2	55	77	164	155	80	86	104	26 9/16	73 3/8	N/A	24	8

## Double Agitator

Gallons	A	B	C	D	E	F	G	H	J	K	L	M	# of legs
3000	90 1/2	55	77	185	176	80 1/4	86 1/2	104	26 9/16	51 7/8	123 7/8	24	8
4000	97 1/2	58	80 1/2	205	196	84 3/4	89	104	26 9/16	51 7/8	147 7/8	24	10
5000	107 7/8	62	90	205	196	94	98	116	26 9/16	51 7/8	147 7/8	24	10
6500	126 7/8	78	102 1/2	191 1/2	182 1/2	106	110 3/4	130	26 9/16	51 7/8	134 3/8	24	12
8000	126 7/8	78	102 1/2	237	228	107	112 1/2	130	26 9/16	51 7/8	147 7/8	24	12

DXNAF Single Agitator  
Cooling Tank Dimensions  
Capacity:  
800 to 2700 US Gallons  
(3000L to 10000L)



DXNAF Double Agitator  
Cooling Tank Dimensions  
Capacity:  
3000 to 8000 US Gallons  
(12000L to 32000L)

