

Specifications

All DAYLIFF Booster sets include the following:

Pumps(s): DAYLIFF centrifugal booster pumps fitted with motors rated for continuous operation.

Pressure Vessel(s): Vertical fabricated steel pressure vessels with standard rubber diaphragm.

Piping: Suitably sized piping and fittings are provided for direct suction and delivery line connections including necessary isolating gate valves and non-return valves on the system outlet. The limit of piping is shown in the schematic drawing.

Control Panel: Panel specification is selected according to pump rating and system configuration. Dayliff Smart 2 electronic controllers are specified for two pump sets, settable for both single and parallel operation, which feature automatic pump changeover, level alarm connections and adjustable motor overload protection. Other panels specifications vary with system model depending upon motor size.

Mounting Frame: All equipment is mounted on galvanised frame to simplify site installation.

2.5 BAR SYSTEMS

PUMP	POWER (kW)	SINGLE OPERATION			PARALLEL OPERATION		
		MODEL	CAPACITY (m ³ /hr)	PRESSURE TANK	MODEL	CAPACITY (m ³ /hr)	PRESSURE TANK
DAYLIFF DB 2-50	0.7X1ph	SDB 3/25	3	1X60L	PDB 6/25	6	1X60L
DAYLIFF DB 4-40	1X1ph	SDB 5/25	5	1X60L	PDB 10/25	10	1X100L
DAYLIFF DB 8-30	1X1ph	SDB 6/25	6	1X100L	PDB 12/25	12	1X300L
DAYLIFF DB 12-30	1.5X1ph	SDB 10/25	10	1X300L	PDB 20/25	20	1X300L
DAYLIFF DI/DIN 10-4	1.5X3ph	SDI 10/25	10	1X300L	PDI 20/25	20	1X300L
DAYLIFF DI/DIN 15-3	3X3ph	SDI 15/25	15	1X300L	PDI 40/25	40	2X300L
DAYLIFF DI/DIN 20-3	4X3ph	SDI 25/25	25	2X300L	PDI 50/25	50	2X300L
DAYLIFF DI/DIN 32-2	4X3ph	SDI 30/25	30	2X300L	PDI 70/25	70	2X300L
DAYLIFF DI/DIN 45-2	7.5X3ph	SDI 50/25	50	2X300L	PDI 100/25	100	2X500L
DAYLIFF DE 32-16	4.5X3ph	SDE 20/25	20	1X300L	PDE 40/25	40	2X300L
DAYLIFF DE 40-16	5.5X3ph	SDE 30/25	30	2X300L	PDE 60/25	60	2X300L
DAYLIFF DE 50-16	11X3ph	SDE 50/25	50	2X300L	PDE 100/25	100	2X500L

Single Operation: Cut-out pressure 3 Bar, Cut-in pressure 1.8 Bar, Parallel Operation: Pump 1: Cut-out pressure 3 Bar, Cut-in pressure 1.8 Bar, Pump 2: Cut-out pressure 2.5 Bar, Cut-in pressure 1.5 Bar

4 BAR SYSTEMS

PUMP	POWER	SINGLE OPERATION			PARALLEL OPERATION		
		MODEL	CAPACITY (m ³ /hr)	PRESSURE TANK	MODEL	CAPACITY (m ³ /hr)	PRESSURE TANK
DAYLIFF DB 4-60	1.5X1ph	SDB 4/40	4	1X60L	PDB 8/40	8	1X100L
DAYLIFF DB 8-50	1.7X1ph	SDB 6/40	6	1X60L	PDB 12/40	12	1X300L
DAYLIFF DB 12-50	2.7X1ph	SDB 12/40	12	1X300L	PDB 24/40	24	1X300L
DAYLIFF DI/DIN 10-6	2.2X1ph	SDI 10/40	10	1X300L	PDI 20/40	20	1X300L
DAYLIFF DI/DIN 15-5	4X3ph	SDI 20/40	20	1X300L	PDI 40/40	40	2X300L
DAYLIFF DI/DIN 32-3	5.5X3ph	SDI 30/40	30	1X300L	PDI 60/40	60	2X300L
DAYLIFF DI/DIN 45-2	7.5X3ph	SDI 40/40	40	2X300L	PDI 80/40	80	2X300L
DAYLIFF DE 32-16	4X3ph	SDE 15/40	15	1X300L	PDI 30/40	30	2X300L
DAYLIFF DE 40-16	5.5X3ph	SDE 25/40	25	2X300L	PDI 50/40	50	2X300L
DAYLIFF DE 50-16	11X3ph	SDE 50/40	50	2X300L	PDE 100/40	100	2X500L

Single Operation: Cut-out pressure 4.5 Bar, Cut-in pressure 2.5 Bar, Parallel Operation: Pump 1: Cut-out pressure 4.5 Bar, Cut-in pressure 2.5 Bar, Pump 2: Cut-out pressure 4 Bar, Cut-in pressure 2 Bar

6 BAR SYSTEMS

PUMP	POWER	SINGLE OPERATION			PARALLEL OPERATION		
		MODEL	CAPACITY (m ³ /hr)	PRESSURE TANK	MODEL	CAPACITY (m ³ /hr)	PRESSURE TANK
DAYLIFF DI/DIN 3-15	1.1X3ph	SDI 3/60	3	1X60L	PDI 6/60	6	1X100L
DAYLIFF DI/DIN 5-16	1.2X3ph	SDI 6/60	6	1X100L	PDI 16/60	12	1X100L
DAYLIFF DI/DIN 10-9	3X3ph	SDI 12/60	12	1X300L	PDI 24/60	24	1X300L
DAYLIFF DI/DIN 15-7	5.5X3ph	SDI 20/60	20	1X300L	PDI 40/60	40	1X300L
DAYLIFF DI/DIN 20-7	7.5X3ph	SDI 25/60	25	2X300L	PDI 50/60	50	2X300L
DAYLIFF DI/DIN 32-4	7.5X3ph	SDI 30/60	30	2X300L	PDI 60/60	60	2X500L
DAYLIFF DI/DIN 45-3	11X3ph	SDI 45/60	45	2X300L	PDI 90/60	90	2X500L

Single Operation: Cut-out pressure 4.5 Bar, Cut-in pressure 2.5 Bar, Parallel Operation: Pump 1: Cut-out pressure 4.5 Bar, Cut-in pressure 2.5 Bar, Pump 2: Cut-out pressure 4 Bar, Cut-in pressure 2 Bar