



DARCO PUMPING UNIT GENERAL DIMENSIONS

MODEL	A	B	C	D	E	G	H	I	J	M	N	O	P	R	S	T	V	W
1280-365-216	19'-9 3/8"	9'-5 3/4"	10'-2"	4'-7 7/8"	24 1/4"	121"	25'-11"	11'-0"	15'-1 1/2"	19'-4"	4'-6"	7'-1"	191.5"	53"	52.356"	33"	5'-0 3/4"	4'-10 1/8"
1280-427-192	17'-7"	9'-5 3/4"	10'-2"	4'-7 7/8"	24 1/4"	121"	25'-11"	11'-0"	12'-11 1/8"	19'-4"	4'-6"	7'-1"	191.5"	53"	52.356"	33"	7'-1 1/4"	4'-10 1/8"
1280-365-192	17'-7"	9'-5 3/4"	10'-2"	4'-7 7/8"	24 1/4"	121"	25'-11"	11'-0"	12'-11 1/8"	19'-4"	4'-6"	7'-1"	191.5"	53"	52.356"	33"	7'-1 1/4"	4'-10 1/8"
1280-427-168	15'-4 3/4"	9'-5 3/4"	10'-2"	4'-7 7/8"	24 1/4"	121"	25'-11"	11'-0"	10'-8 7/8"	19'-4"	4'-6"	7'-1"	191.5"	53"	52.356"	33"	7'-2"	4'-10 1/8"
1280-365-168	15'-4 3/4"	9'-5 3/4"	10'-2"	4'-7 7/8"	24 1/4"	121"	25'-11"	11'-0"	10'-8 7/8"	19'-4"	4'-6"	7'-1"	191.5"	53"	52.356"	33"	7'-2"	4'-10 1/8"
912-305-192	17'-7"	8'-6 1/2"	10'-2"	4'-7 7/8"	24 1/8"	121"	23'-2"	11'-0"	12'-11 1/8"	19'-4"	3'-3 1/2"	5'-10 1/2"	159"	53"	45.750"	30"	4'-2"	4'-10 1/8"
912-365-168	15'-4 3/4"	8'-6 1/2"	10'-2"	4'-7 7/8"	24 1/8"	121"	23'-2"	11'-0"	10'-8 7/8"	19'-4"	3'-3 1/2"	5'-10 1/2"	159"	53"	45.750"	30"	4'-11"	4'-10 1/8"
912-305-168	15'-4 3/4"	8'-6 1/2"	10'-2"	4'-7 7/8"	24 1/8"	121"	23'-2"	11'-0"	10'-8 7/8"	19'-4"	3'-3 1/2"	5'-10 1/2"	159"	53"	45.750"	30"	4'-11"	4'-10 1/8"
912-427-144	13'-2 3/8"	8'-6 1/2"	10'-2"	4'-7 7/8"	24 1/8"	121"	23'-2"	11'-0"	8'-6 1/2"	19'-4"	3'-3 1/2"	5'-10 1/2"	159"	53"	45.750"	30"	7'-4 3/4"	4'-10 1/8"
912-365-144	13'-2 3/8"	8'-6 1/2"	10'-2"	4'-7 7/8"	24 1/8"	121"	23'-2"	11'-0"	8'-6 1/2"	19'-4"	3'-3 1/2"	5'-10 1/2"	159"	53"	45.750"	30"	7'-4 3/4"	4'-10 1/8"
640-365-168	15'-4 3/4"	8'-2 1/4"	10'-2"	4'-7 7/8"	24 1/8"	121"	23'-2"	11'-0"	10'-8 7/8"	19'-4"	3'-3 1/2"	5'-10 1/2"	159"	53"	45.750"	30"	4'-11"	4'-10 1/8"
640-305-168	15'-4 3/4"	8'-2 1/4"	10'-2"	4'-7 7/8"	24 1/8"	121"	23'-2"	11'-0"	10'-8 7/8"	19'-4"	3'-3 1/2"	5'-10 1/2"	159"	53"	45.750"	30"	4'-11"	4'-10 1/8"
640-365-144	13'-2 3/8"	8'-2 1/4"	10'-2"	4'-7 7/8"	24 1/8"	121"	23'-2"	11'-0"	8'-6 1/2"	19'-4"	3'-3 1/2"	5'-10 1/2"	159"	53"	45.750"	30"	7'-4 3/4"	4'-10 1/8"
640-305-144	13'-2 3/8"	8'-2 1/4"	10'-2"	4'-7 7/8"	24 1/8"	121"	23'-2"	11'-0"	8'-6 1/2"	19'-4"	3'-3 1/2"	5'-10 1/2"	159"	53"	45.750"	30"	7'-4 3/4"	4'-10 1/8"
640-256-144	13'-2 3/8"	8'-2 1/4"	10'-2"	4'-7 7/8"	24 1/8"	121"	23'-2"	11'-0"	8'-6 1/2"	19'-4"	3'-3 1/2"	5'-10 1/2"	159"	53"	45.750"	30"	7'-4 3/4"	4'-10 1/8"
640-305-120	11'-0"	8'-2 1/4"	10'-2"	4'-7 7/8"	24 1/8"	121"	23'-2"	11'-0"	6'-4 1/8"	19'-4"	3'-3 1/2"	5'-10 1/2"	159"	53"	45.750"	30"	7'-4 1/4"	4'-10 1/8"
456-305-168	15'-4 3/4"	7'-6 3/4"	10'-2"	4'-7 7/8"	24 1/8"	121"	23'-2"	11'-0"	10'-8 7/8"	19'-4"	3'-3 1/2"	5'-10 1/2"	161"	53"	39.933"	28"	4'-11"	4'-10 1/8"
456-305-144	13'-2 3/8"	7'-6 3/4"	10'-2"	4'-7 7/8"	24 1/8"	119"	23'-2"	11'-0"	8'-6 1/2"	19'-4"	3'-3 1/2"	5'-10 1/2"	161"	53"	39.933"	28"	7'-4 3/4"	4'-10 1/8"
456-256-144	13'-2 3/8"	7'-5 1/2"	8'-3 3/8"	3'-7 3/8"	21 1/4"	105.25"	21'-0 1/4"	9'-2"	9'-7"	16'-0"	3'-1 3/4"	5'-8"	146.625"	43"	39.933"	28"	5'-6"	4'-0"
456-213-144	13'-2 3/8"	7'-5 1/2"	8'-3 3/8"	3'-7 3/8"	21 1/4"	105.25"	21'-0 1/4"	9'-2"	9'-7"	16'-0"	3'-1 3/4"	5'-8"	146.625"	43"	39.933"	28"	5'-6"	4'-0"
456-365-120	11'-0"	7'-6 3/4"	10'-2"	4'-7 7/8"	24 1/8"	119"	23'-2"	11'-0"	6'-4 1/8"	19'-4"	3'-3 1/2"	5'-10 1/2"	161"	53"	39.933"	28"	7'-4 1/4"	4'-10 1/8"
456-305-120	11'-0"	7'-6 3/4"	10'-2"	4'-7 7/8"	24 1/8"	119"	23'-2"	11'-0"	6'-4 1/8"	19'-4"	3'-3 1/2"	5'-10 1/2"	161"	53"	39.933"	28"	7'-4 1/4"	4'-10 1/8"
456-256-120	11'-0"	7'-5 1/2"	8'-3 3/8"	3'-7 3/8"	21 1/4"	105.25"	21'-0 1/4"	9'-2"	7'-4 5/8"	16'-0"	3'-1 3/4"	5'-8"	146.625"	43"	39.933"	28"	5'-3"	4'-0"
456-213-120	11'-0"	7'-5 1/2"	8'-3 3/8"	3'-7 3/8"	21 1/4"	105.25"	21'-0 1/4"	9'-2"	7'-4 5/8"	16'-0"	3'-1 3/4"	5'-8"	146.625"	43"	39.933"	28"	5'-3"	4'-0"
456-305-100	9'-2"	7'-5 1/2"	8'-3 3/8"	3'-7 3/8"	21 1/4"	105.25"	21'-0 1/4"	9'-2"	5'-6 5/8"	16'-0"	3'-1 3/4"	5'-8"	146.625"	43"	39.933"	28"	5'-2 1/2"	4'-0"
456-256-100	9'-2"	7'-5 1/2"	8'-3 3/8"	3'-7 3/8"	21 1/4"	105.25"	21'-0 1/4"	9'-2"	5'-6 5/8"	16'-0"	3'-1 3/4"	5'-8"	146.625"	43"	39.933"	28"	5'-2 1/2"	4'-0"
320-256-144	13'-2 3/8"	7'-1 1/4"	8'-3 3/8"	3'-7 3/8"	21 1/4"	101.25"	21'-0 1/4"	9'-2"	9'-7"	16'-0"	3'-1 3/4"	5'-8"	150.5"	43"	35.167"	24"	5'-6"	4'-0"
320-213-144	13'-2 3/8"	7'-1 1/4"	8'-3 3/8"	3'-7 3/8"	21 1/4"	101.25"	21'-0 1/4"	9'-2"	9'-7"	16'-0"	3'-1 3/4"	5'-8"	150.5"	43"	35.167"	24"	5'-6"	4'-0"
320-119-144	13'-2 3/8"	6'-8 5/8"	6'-11"	3'-4 1/2"	16 1/8"	82"	17'-7"	7'-6 1/8"	9'-9 7/8"	14'-0"	2'-9"	5'-0"	128"	36"	35.167"	24"	4'-3 7/8"	3'-6 1/4"
320-305-120	11'-0"	7'-1 1/4"	8'-3 3/8"	3'-7 3/8"	21 1/4"	101.25"	21'-0 1/4"	9'-2"	7'-4 5/8"	16'-0"	3'-1 3/4"	5'-8"	150.5"	43"	35.167"	24"	5'-3"	4'-0"
320-256-120	11'-0"	7'-1 1/4"	8'-3 3/8"	3'-7 3/8"	21 1/4"	101.25"	21'-0 1/4"	9'-2"	7'-4 5/8"	16'-0"	3'-1 3/4"	5'-8"	150.5"	43"	35.167"	24"	5'-3"	4'-0"
320-213-120	11'-0"	7'-1 1/4"	8'-3 3/8"	3'-7 3/8"	21 1/4"	101.25"	21'-0 1/4"	9'-2"	7'-4 5/8"	16'-0"	3'-1 3/4"	5'-8"	150.5"	43"	35.167"	24"	5'-3"	4'-0"
320-143-120	11'-0"	6'-8 5/8"	6'-11"	3'-4 1/2"	16 1/8"	82"	17'-7"	7'-6 1/8"	7'-7 1/2"	14'-0"	2'-9"	5'-0"	128"	36"	35.167"	24"	4'-6 1/8"	3'-6 1/4"
320-305-100	9'-2"	7'-1 1/4"	8'-3 3/8"	3'-7 3/8"	21 1/4"	101.25"	21'-0 1/4"	9'-2"	5'-6 5/8"	16'-0"	3'-1 3/4"	5'-8"	150.5"	43"	35.167"	24"	5'-2 1/2"	4'-0"
320-256-100	9'-2"	7'-1 1/4"	8'-3 3/8"	3'-7 3/8"	21 1/4"	101.25"	21'-0 1/4"	9'-2"	5'-6 5/8"	16'-0"	3'-1 3/4"	5'-8"	150.5"	43"	35.167"	24"	5'-2 1/2"	4'-0"
320-173-100	9'-2"	6'-8 5/8"	6'-11"	3'-4 1/2"	16 1/8"	82"	17'-7"	7'-6 1/8"	5'-9 1/2"	14'-0"	2'-9"	5'-0"	128"	36"	35.167"	24"	4'-5 7/8"	3'-6 1/4"
320-246-86	7'-10 1/2"	6'-8 5/8"	6'-11"	3'-4 1/2"	16 1/8"	82"	17'-7"	7'-6 1/8"	4'-6"	14'-0"	2'-9"	5'-0"	128"	36"	35.167"	24"	4'-3 15/16"	3'-6 1/4"
320-213-86	7'-10 1/2"	6'-8 5/8"	6'-11"	3'-4 1/2"	16 1/8"	82"	17'-7"	7'-6 1/8"	4'-6"	14'-0"	2'-9"	5'-0"	128"	36"	35.167"	24"	4'-3 15/16"	3'-6 1/4"
320-246-74	6'-9 3/8"	6'-8 5/8"	6'-11"	3'-4 1/2"	16 1/8"	82"	17'-7"	7'-6 1/8"	3'-4 7/8"	14'-0"	2'-9"	5'-0"	128"	36"	35.167"	24"	4'-2 3/8"	3'-6 1/4"

DARCO PUMPING UNIT GENERAL DIMENSIONS

MODEL	A	B	C	D	E	G	H	I	J	M	N	O	P	R	S	T	V	W
228-173-144	13'-2 3/8"	6'-6"	8'-3 3/8"	3'-7 3/8"	21 1/4"	101.25"	21'-0 1/4"	9'-2"	9'-7"	16'-0"	3'-1 3/4"	5'-8"	150.5"	43"	33.312"	24"	5'-6"	4'-0"
228-213-120	11'-0"	6'-6"	8'-3 3/8"	3'-7 3/8"	21 1/4"	101.25"	21'-0 1/4"	9'-2"	7'-4 5/8"	16'-0"	3'-1 3/4"	5'-8"	150.5"	43"	33.312"	24"	5'-3"	4'-0"
228-143-120	11'-0"	6'-1 3/8"	6'-11"	3'-4 1/2"	16 1/8"	82"	17'-7"	7'-6 1/8"	7'-7 1/2"	14'-0"	2'-9"	5'-0"	128"	36"	33.312"	24"	4'-6 1/8"	3'-6 1/4"
228-213-100	9'-2"	6'-1 3/8"	6'-11"	3'-4 1/2"	16 1/8"	82"	17'-7"	7'-6 1/8"	5'-9 1/2"	14'-0"	2'-9"	5'-0"	128"	36"	33.312"	24"	4'-5 7/8"	3'-6 1/4"
228-173-100	9'-2"	6'-1 3/8"	6'-11"	3'-4 1/2"	16 1/8"	82"	17'-7"	7'-6 1/8"	5'-9 1/2"	14'-0"	2'-9"	5'-0"	128"	36"	33.312"	24"	4'-5 7/8"	3'-6 1/4"
228-246-86	7'-10 1/2"	6'-1 3/8"	6'-11"	3'-4 1/2"	16 1/8"	82"	17'-7"	7'-6 1/8"	4'-6"	14'-0"	2'-9"	5'-0"	128"	36"	33.312"	24"	4'-3 15/16"	3'-6 1/4"
228-213-86	7'-10 1/2"	6'-1 3/8"	6'-11"	3'-4 1/2"	16 1/8"	82"	17'-7"	7'-6 1/8"	4'-6"	14'-0"	2'-9"	5'-0"	128"	36"	33.312"	24"	4'-3 15/16"	3'-6 1/4"
228-246-74	6'-9 3/8"	6'-1 3/8"	6'-11"	3'-4 1/2"	16 1/8"	82"	17'-7"	7'-6 1/8"	3'-4 7/8"	14'-0"	2'-9"	5'-0"	128"	36"	33.312"	24"	4'-2 3/8"	3'-6 1/4"
228-200-74	6'-9 3/8"	6'-1 3/8"	6'-11"	3'-4 1/2"	16 1/8"	82"	17'-7"	7'-6 1/8"	3'-4 7/8"	14'-0"	2'-9"	5'-0"	128"	36"	33.312"	24"	4'-2 3/8"	3'-6 1/4"
228-173-74	6'-9 3/8"	6'-1 3/8"	6'-11"	3'-4 1/2"	16 1/8"	82"	17'-7"	7'-6 1/8"	3'-4 7/8"	14'-0"	2'-9"	5'-0"	128"	36"	33.312"	24"	4'-2 3/8"	3'-6 1/4"
160-143-120	11'-0"	5'-4 3/8"	6'-11"	3'-4 1/2"	16 1/8"	78"	17'-7"	7'-6 1/8"	7'-7 1/2"	14'-0"	2'-9"	5'-0"	132"	36"	30.200"	20"	4'-6 1/8"	3'-6 1/4"
160-173-100	9'-2"	5'-4 3/8"	6'-11"	3'-4 1/2"	16 1/8"	78"	17'-7"	7'-6 1/8"	5'-9 1/2"	14'-0"	2'-9"	5'-0"	132"	36"	30.200"	20"	4'-5 7/8"	3'-6 1/4"
160-143-100	9'-2"	5'-4 3/8"	6'-11"	3'-4 1/2"	16 1/8"	78"	17'-7"	7'-6 1/8"	5'-9 1/2"	14'-0"	2'-9"	5'-0"	132"	36"	30.200"	20"	4'-5 7/8"	3'-6 1/4"
160-173-86	7'-10 1/2"	5'-4 3/8"	6'-11"	3'-4 1/2"	16 1/8"	78"	17'-7"	7'-6 1/8"	4'-6"	14'-0"	2'-9"	5'-0"	132"	36"	30.200"	20"	4'-3 15/16"	3'-6 1/4"
160-200-74	6'-9 3/8"	5'-4 3/8"	6'-11"	3'-4 1/2"	16 1/8"	78"	17'-7"	7'-6 1/8"	3'-4 7/8"	14'-0"	2'-9"	5'-0"	132"	36"	30.200"	20"	4'-2 3/8"	3'-6 1/4"
160-173-74	6'-9 3/8"	5'-4 3/8"	6'-11"	3'-4 1/2"	16 1/8"	78"	17'-7"	7'-6 1/8"	3'-4 7/8"	14'-0"	2'-9"	5'-0"	132"	36"	30.200"	20"	4'-2 3/8"	3'-6 1/4"
160-143-74	6'-9 3/8"	5'-4 3/8"	6'-11"	3'-4 1/2"	16 1/8"	78"	17'-7"	7'-6 1/8"	3'-4 7/8"	14'-0"	2'-9"	5'-0"	132"	36"	30.200"	20"	4'-2 3/8"	3'-6 1/4"
160-173-64	6'-9 3/8"	5'-4 3/8"	7'-10"	3'-4 1/2"	16 1/8"	78"	17'-7"	7'-6 1/8"	3'-4 7/8"	14'-0"	2'-9"	5'-0"	132"	36"	30.200"	20"	4'-6"	3'-6 1/4"
160-143-64	6'-9 3/8"	5'-4 3/8"	7'-10"	3'-4 1/2"	16 1/8"	78"	17'-7"	7'-6 1/8"	3'-4 7/8"	14'-0"	2'-9"	5'-0"	132"	36"	30.200"	20"	4'-6"	3'-6 1/4"
114-143-100	9'-2"	5'-4 3/8"	6'-11"	3'-4 1/2"	16 1/8"	78"	17'-7"	7'-6 1/8"	5'-9 1/2"	14'-0"	2'-9"	5'-0"	132"	36"	30.200"	20"	4'-5 7/8"	3'-6 1/4"
114-119-100	9'-2"	5'-4 3/8"	6'-11"	3'-4 1/2"	16 1/8"	78"	17'-7"	7'-6 1/8"	5'-9 1/2"	14'-0"	2'-9"	5'-0"	132"	36"	30.200"	20"	4'-5 7/8"	3'-6 1/4"
114-173-86	7'-10 1/2"	5'-4 3/8"	6'-11"	3'-4 1/2"	16 1/8"	78"	17'-7"	7'-6 1/8"	4'-6"	14'-0"	2'-9"	5'-0"	132"	36"	30.200"	20"	4'-3 15/16"	3'-6 1/4"
114-173-74	6'-9 3/8"	5'-4 3/8"	7'-10"	3'-4 1/2"	16 1/8"	78"	17'-7"	7'-6 1/8"	3'-4 7/8"	14'-0"	2'-9"	5'-0"	132"	36"	30.200"	20"	4'-2 3/8"	3'-6 1/4"
114-143-74	6'-9 3/8"	5'-4 3/8"	6'-11"	3'-4 1/2"	16 1/8"	78"	17'-7"	7'-6 1/8"	3'-4 7/8"	14'-0"	2'-9"	5'-0"	132"	36"	30.200"	20"	4'-2 3/8"	3'-6 1/4"
114-173-64	6'-9 3/8"	5'-4 3/8"	7'-10"	3'-4 1/2"	16 1/8"	78"	17'-7"	7'-6 1/8"	3'-4 7/8"	14'-0"	2'-9"	5'-0"	132"	36"	30.200"	20"	4'-6"	3'-6 1/4"
114-143-64	6'-9 3/8"	5'-4 3/8"	6'-11"	3'-4 1/2"	16 1/8"	78"	17'-7"	7'-6 1/8"	3'-4 7/8"	14'-0"	2'-9"	5'-0"	132"	36"	30.200"	20"	4'-6"	3'-6 1/4"

Warning: Guarding of Pumping Units

Do not operate units unless crank guards and other needed guards are in place. Rotating parts are dangerous. Read operators manual before performing any work.

Your Darco pumping unit has heavy rotating and moving parts which could be a safety hazard if not properly guarded. As a service to the user of our pumping units, we offer crank guards to help provide safety for workers who may be around the pumping unit. Darco will also custom build crank guards to a customer's specifications if so requested.

The 49" Rail-Type crank guard would be considered the minimum guarding for workers who are familiar with pumping units and are accustomed to working around them. The 49" Rail-Type crank guard simply keeps workers from accidentally falling into the sweep of the cranks. We offer this guard in rail or wire mesh.

The 61" Wire-Mesh crank guard would normally be considered adequate guarding for workers familiar with the operation of a pumping unit and are accustomed to working around it during operation, as well as for animals which might be able to pass through a Rail-Type crank guard.

If you choose not to purchase our crank guard, you must provide your own.

When pumping units are located where they might be accessible to children or unauthorized adults, the pumping unit with crank guard should be in an enclosed area with a locked entrance. An enclosed area means either walls or a chain-link type fence of 90" minimum height and it must prevent entry of unauthorized persons.

The location of the pumping unit, and therefore the type of crank guarding and enclosing required, is known only by the user who must make the final decision. Regardless of who supplies the crank guards, they must be in place and adequately maintained. Minimum guarding required to be furnished by the user is described in **API RP 11ER, recommended practice for guarding of pumping units.**

Note: Local safety codes may require more stringent guarding than outlined above.