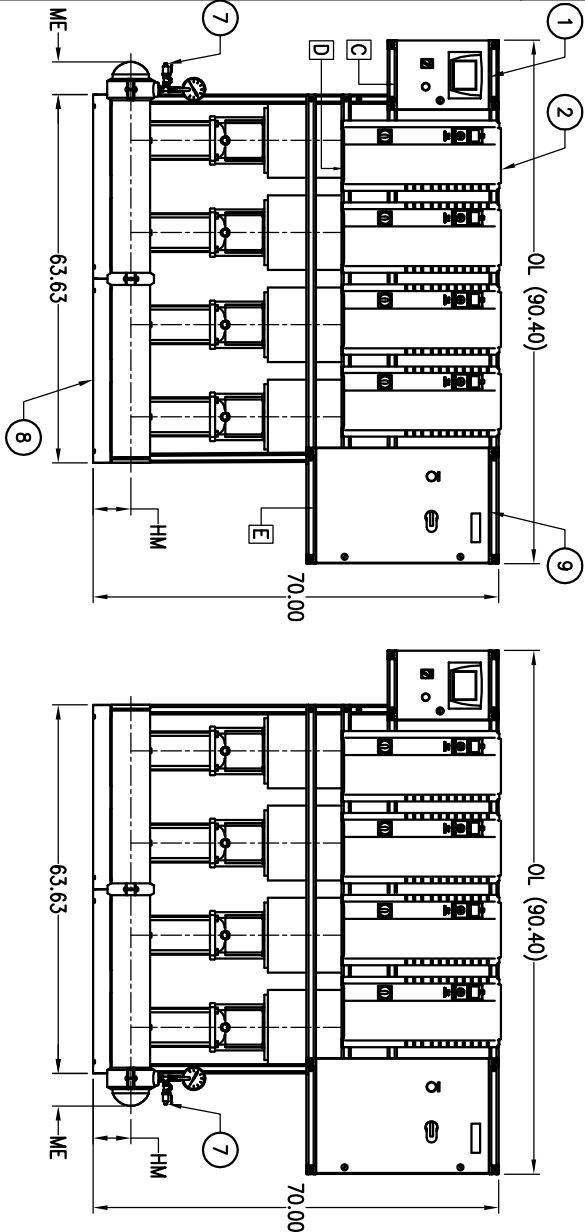
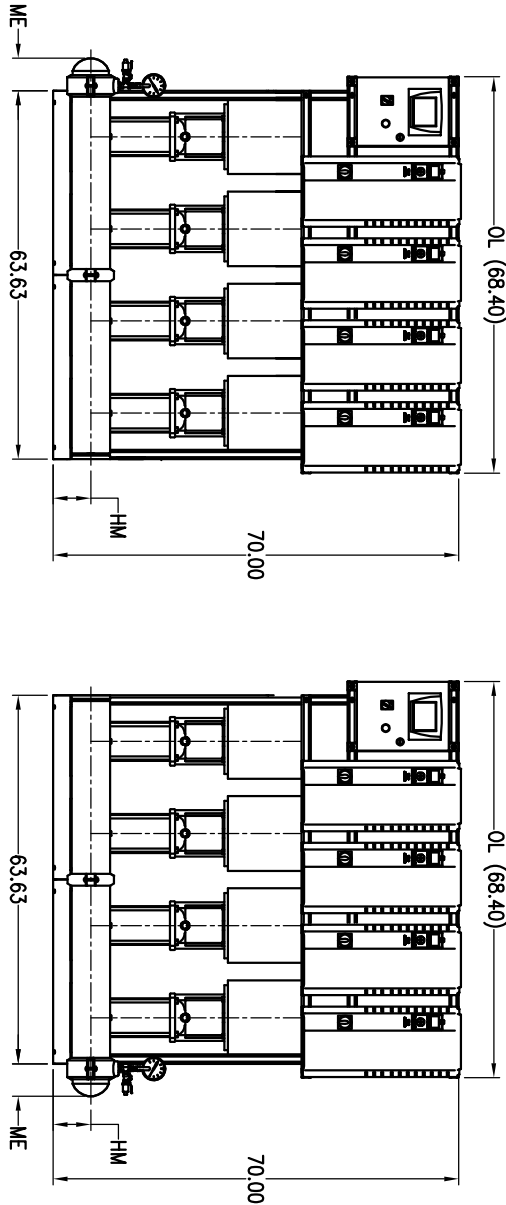


SYSTEM WITH SINGLE POINT DISCONNECT



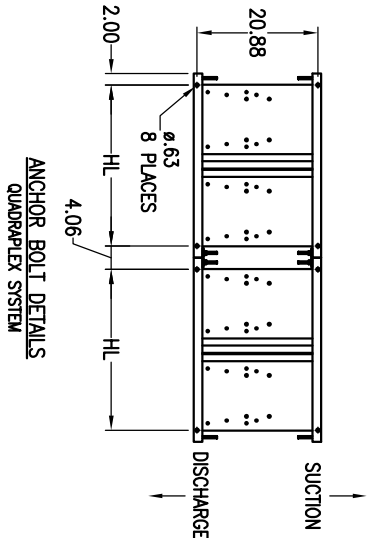
FOR SUCTION MANIFOLD
GAUGE & TRANSDUCER ASSEMBLY ON LEFT
FOR DISCHARGE MANIFOLD
GAUGE & TRANSDUCER ASSEMBLY ON LEFT
WHEN FACING CONTROLLER

FOR SUCTION MANIFOLD
GAUGE & TRANSDUCER ASSEMBLY ON RIGHT
FOR DISCHARGE MANIFOLD
GAUGE & TRANSDUCER ASSEMBLY ON RIGHT
WHEN FACING CONTROLLER

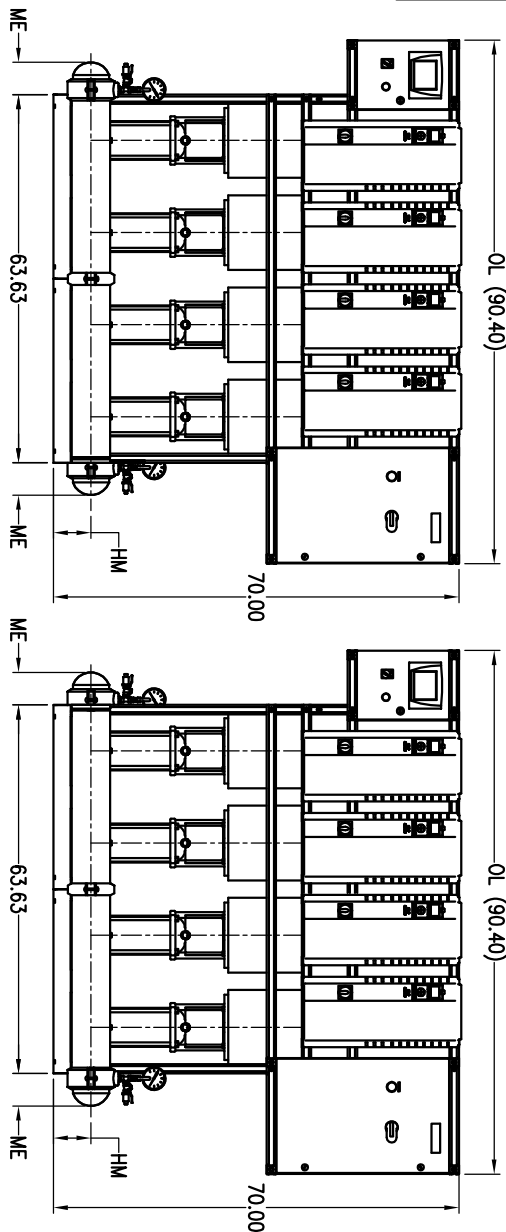


FOR SUCTION MANIFOLD
GAUGE & TRANSDUCER ASSEMBLY ON LEFT
FOR DISCHARGE MANIFOLD
GAUGE & TRANSDUCER ASSEMBLY ON LEFT
WHEN FACING CONTROLLER

FOR SUCTION MANIFOLD
GAUGE & TRANSDUCER ASSEMBLY ON RIGHT
FOR DISCHARGE MANIFOLD
GAUGE & TRANSDUCER ASSEMBLY ON RIGHT
WHEN FACING CONTROLLER

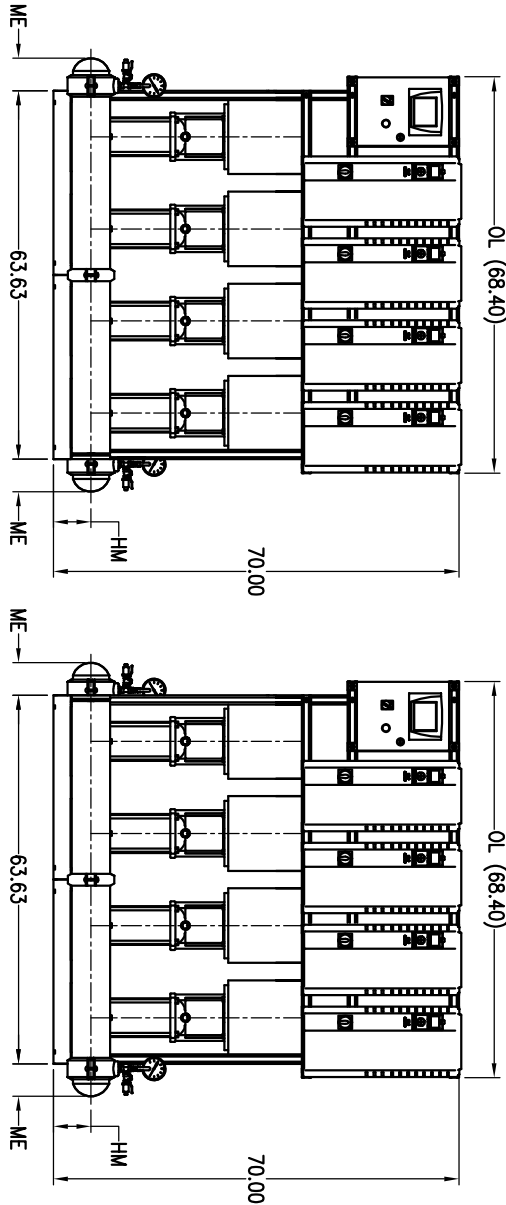


THE DESIGN OF THIS PART ORIGINATED AT OUR IN INDIA, EITHER IN WHOLE OR IN PART, AND MAY CONSTITUTE A PATENTABLE ASSIST OF PROVIDED FOR FREE OR AT REDUCED COST TO A NON-US VENDOR. WORK PERFORMED COULD INCLUDE DESIGN WORK, ARTWORK, DEVELOPMENT, ENGINEERING, PLANS AND SKETCHES. VALUE ESTIMATED USD



FOR SUCTION MANIFOLD
GAUGE & TRANSDUCER ASSEMBLY ON LEFT
FOR DISCHARGE MANIFOLD
GAUGE & TRANSDUCER ASSEMBLY ON RIGHT
WHEN FACING CONTROLLER

FOR SUCTION MANIFOLD
GAUGE & TRANSDUCER ASSEMBLY ON RIGHT
FOR DISCHARGE MANIFOLD
GAUGE & TRANSDUCER ASSEMBLY ON LEFT
WHEN FACING CONTROLLER



FOR SUCTION MANIFOLD
GAUGE & TRANSDUCER ASSEMBLY ON LEFT
FOR DISCHARGE MANIFOLD
GAUGE & TRANSDUCER ASSEMBLY ON RIGHT
WHEN FACING CONTROLLER

FOR SUCTION MANIFOLD
GAUGE & TRANSDUCER ASSEMBLY ON RIGHT
FOR DISCHARGE MANIFOLD
GAUGE & TRANSDUCER ASSEMBLY ON LEFT
WHEN FACING CONTROLLER

NOTES:

- DIMENSIONS MAY VARY +/- 1/4"
- BASE TO BE GROUTED ON SITE BY OTHERS.
- WIRING COMPONENT LOCATION SUBJECT TO CHANGE.
- CONSULT FACTORY FOR AS BUILT LOCATION.
- NEC WORKING CLEARANCE 48" FROM FRONT OF CONTROLLER FACE.
- FACTORY TESTED AND CALIBRATED BEFORE SHIPMENT.
- IF THERMAL RELIEF OPTION SELECTED, VALVE COMMON DRAIN PIPED TO SAME SIDE AS CUSTOMER DISCHARGE.
- IF SPD OPTION SELECTED, INCOMING ELECTRICAL CONNECTIONS C & D ARE NO LONGER NEEDED.
- PVM[X]20 USED IN VIEWS ABOVE.
- DIMENSION "OL" WILL VARY BY PUMP MODEL, VFD SIZE AND SPD OPTION SELECTION.
- CONTROLLER CAN BE MOUNTED ON EITHER LEFT OR RIGHT SIDE, DEPENDING ON CUSTOMER'S PREFERENCE.

ITEM NO.	DESCRIPTION
1	TOUCH SCREEN CONTROLLER
2	VARIABLE FREQUENCY DRIVE (VFD)
7	PRESSURE TRANSDUCER
8	STRUCTURAL STEEL BASE
9	SINGLE POINT DISCONNECT (SPD) (OPTIONAL)

LEGEND	DESCRIPTION	PHASE	VOLTAGE
C	CONTROLLER	1	120V 240V
D	VARIABLE FREQUENCY DRIVE	1 3	200-240V 380-480V
E	SINGLE POINT DISCONNECT	3	120V 240V 480V 600V

(STRIKE OUT WHICHEVER IS NOT APPLICABLE)

PUMP	OL (NOTE-5)	HM	ME	HL
PVM[X]1,3&5	63.6-80.0	5.4	4.3	27.8
PVM[X]10&15	63.6-90.4	6.5	5.0	27.8
PVM[X]20	63.6-90.4	6.5	5.6	27.8
PVM[X]33	63.6-90.4	7.5	5.6	27.8

REVISION	DATE	DESCRIPTION	BY	CHKD
1	04/27/16	INITIAL RELEASE	CS	SN
2	04/27/16	REVISION DESCRIPTION	CS	SN
3	04/27/16	STANDARD DIMENSIONS (INCHES)	CS	SN
4	04/27/16	STANDARD DIMENSIONS (MILLIMETERS)	CS	SN
5	04/27/16	STANDARD DIMENSIONS (MILLIMETERS)	CS	SN
6	04/27/16	STANDARD DIMENSIONS (MILLIMETERS)	CS	SN
7	04/27/16	STANDARD DIMENSIONS (MILLIMETERS)	CS	SN
8	04/27/16	STANDARD DIMENSIONS (MILLIMETERS)	CS	SN
9	04/27/16	STANDARD DIMENSIONS (MILLIMETERS)	CS	SN
10	04/27/16	STANDARD DIMENSIONS (MILLIMETERS)	CS	SN

DO NOT SCALE DRAWING

QUADRAPLEX - INTELLIBOOST SYSTEM

FRONT VIEW

SCALE: 1:16

PATTERN NUMBER: D 295 0004 000 A