FACILITY REQUIREMENTS

ITEM	TYPE	DESCRIPTION	CAPACITY	INTERFACE TYPE
1	DRAIN	BLEED DOWN WATER (GRAVITY DRAIN)	4 L/MIN (1 GPM) INTERMITTENT	1/2" NPTF
2	DRAIN	OIL/WATER LEAKAGE (GRAVITY DRAIN)	4 L/MIN (1 GPM) INTERMITTENT	1/2" NPTF
3	DRAIN	COOLING WATER OUT (GRAVITY DRAIN)	50 HP: 15 L/MIN (4 GPM) 100 HP: 30 L/MIN (8 GPM)	1/2" NPT
4	WATER	COOLING WATER IN	50 HP: 15 L/MIN @ ≥ 4 BAR, 15°C (4 GPM @ ≥ 60 PSI, 60° F) 100 HP: 30 L/MIN @ ≥ 4 BAR, 15°C (8 GPM @ ≥ 60 PSI, 60° F)	1/2" NPT
5	WATER	FILTERED WATER IN	50 HP: 8 L/MIN @ ≥ 2 BAR, 21°C (2 GPM @ ≥ 20 PSI, 70° F) 100 HP: 15 L/MIN @ ≥ 2 BAR, 21°C (4 GPM @ ≥ 20 PSI, 70° F)	1/2" NPT
6	POWER	CUSTOMER POWER IN	3-PHASE MOTOR STARTER NOTE: PUMP IS POWERED FROM A MOTOR STARTER MOUNTED ON PUMP ASSEMBLY	

NOTES:

101. FLOW RECOMMENDS ALL PLUMBING LINES BE SEPARATE LINES.

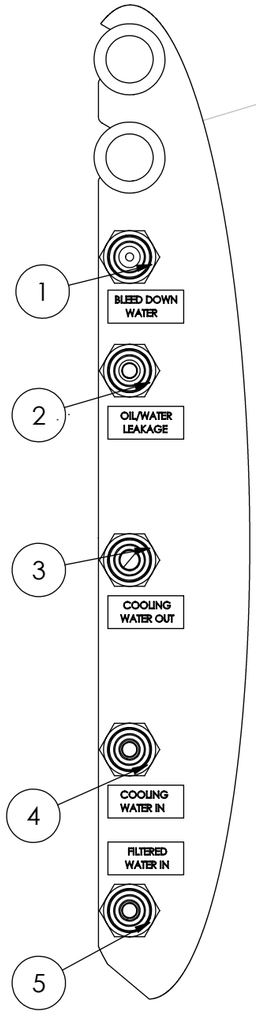
102. COOLING AND FILTERED INLET WATER TO HIGH-PRESSURE PUMP MUST BE WITHIN THE RANGE OF PRESSURE, TEMPERATURE AND FLOW RATE GIVEN IN TABLE ABOVE. ANCILLARY HARDWARE SUCH AS BOOST PUMPS, CHILLERS, OR WATER SOFTENERS TO MEET THESE REQUIREMENTS ARE THE RESPONSIBILITY OF THE END USER.

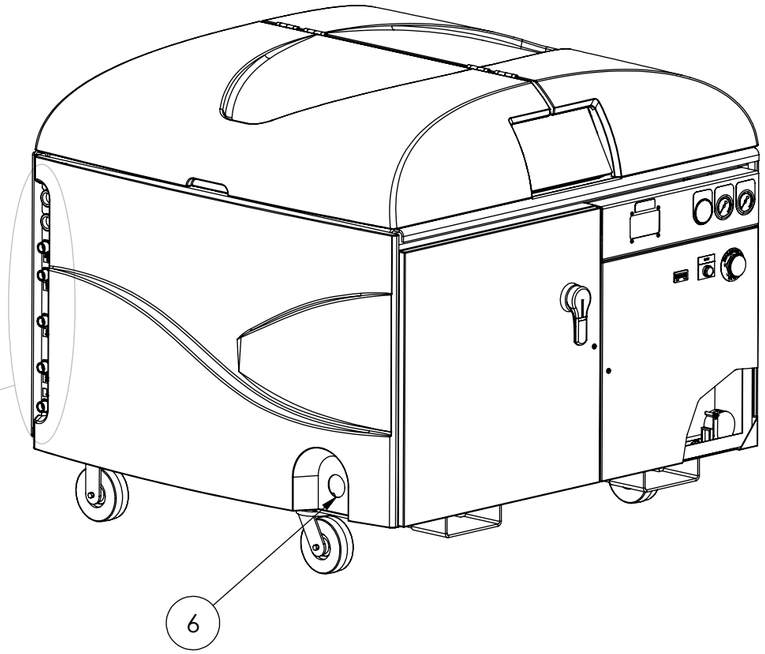
103. TOTAL HYDRAULIC SYSTEM CAPACITY:
50 HP: 106 L (28 GAL)
100 HP: 140 L (37 GAL)

104. SHELL TELLUS S2 M 46 OR EQUIVALENT ISO VG 46 OIL IS REQUIRED FOR PUMP RESERVOIR.

105 UTILIZATION VOLTAGE IS 3–5% LOWER THAN NOMINAL SYSTEM VOLTAGE. WHERE REFERENCED, THE UTILIZATION VOLTAGE IS EQUIVALENT TO THE NAMEPLATE VOLTAGE OF A PRODUCT.

106 FULL-LOAD AMPERAGES ARE FOR PUMP ONLY. X-Y TABLE FULL-LOAD AMPERAGES WILL REQUIRE CONSIDERATION IN DETERMINING WIRE-DROP SIZING.





ELECTRICAL REQUIREMENTS

	3-PHASE NOMINAL SYSTEM VOLTAGE/FREQUENCY 105	HP	PUMP FULL-LOAD AMPERAGE 106	MOTOR STARTER CIRCUIT BREAKER SIZE
04	400V - 50 HZ	50/100	70A/140A	150A/175A
04	480V - 60 HZ	50/100	60A/120A	150A/175A

THIRD ANGLE PROJECTION	Flow	THIS DRAWING IS THE PROPERTY OF FLOW INTERNATIONAL CORPORATION AND IS NOT TO BE COPIED OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF FLOW INTERNATIONAL CORPORATION.		
	MATERIAL .			
DRAWN BY M. DURAND	STARTED 4/5/2011	ENG S. VAUGHAN	EST WEIGHT N/A	MODELED IN SOLIDWORKS
TITLE PRE-INSTALL;HYPERJET;INTEN;87 KSI				
REVISION 04	SCALE 1:16	BASE PART NUMBER 050498		1 OF 2

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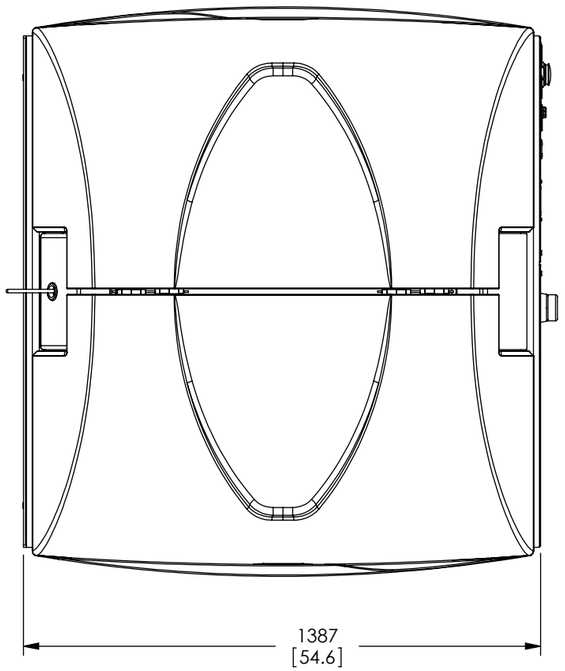
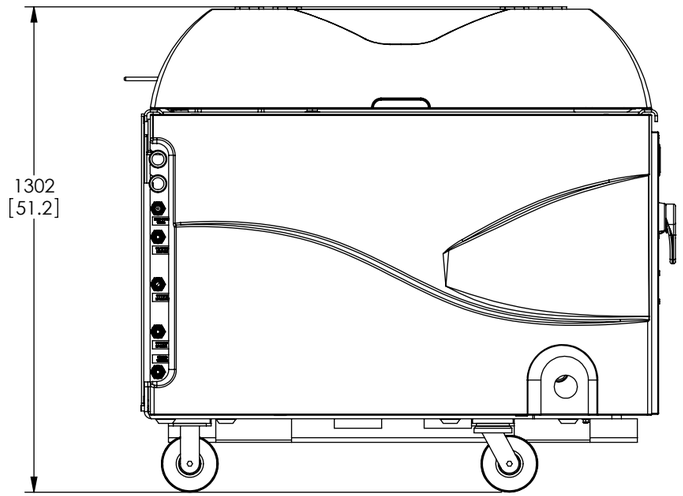
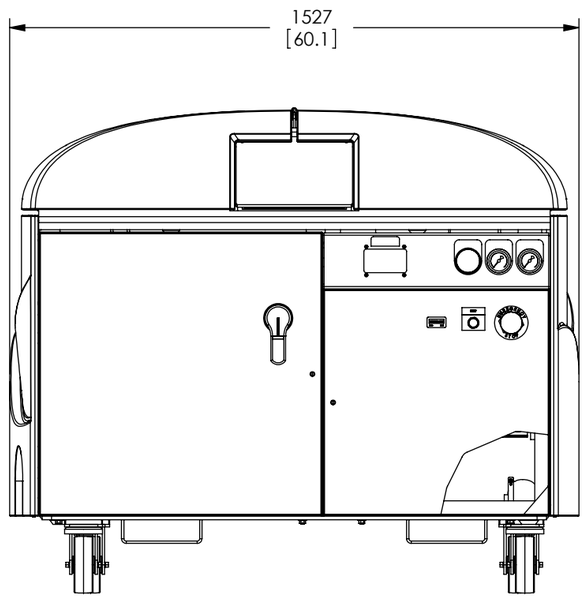
NOTES

201. DIMENSIONS ARE IN MILLIMETERS. DIMENSIONS SHOWN IN BRACKETS ARE IN INCHES.

202. APPROXIMATE WEIGHT: 03
HYPERJET 94I-S: 1588 KG (3500 LB)
HYPERJET 94I-D: 2064 KG (4550 LB)







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TITLE PRE-INSTALL;HYPERJET;INTEN;87 KSI				
REVISION 04	SCALE 1:16	BASE PART NUMBER 050498		2 OF 2

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