CONTROL PANEL
HIGH INLET
VACUUM
SWITCHES

S1
S1

CUSTOMER
INLET
CONNECTION

INTAKE
ISOLATION
VALVE

FLEX.
HOSE

AIR
FILTER

COMPRESSOR

RTD
S2

PRESS.
RELIEF
145 PSI

FLEX.
HOSE

CHECK
VALVE

AIR–COOLED
AFTERCOOLER

FLEX.
HOSE

CHECK
VALVE

DISCHARGE
ISOLATION
VALVE

DRAIN VALVE
LOAD–LESS
STARTER VALVE

COMPRESSOR MODULE #1

COMPRESSOR MODULE #2

FLEX
COUPLING

INTAKE
ISOLATION
VALVE

INTAKE
ISOLATION
VALVE

PRESS. GAUGE

PRESS. GAUGE

DIFFERENTIAL
PRESS. INDICATOR

FILTER
W/AUTO DRAIN

DESICCANT
AIR DRYER

DIFFERENTIAL
PRESS. INDICATOR

FILTER

PRESS.
REGULATOR

PRESS.
RELIEF
75 PSI

TEST PORT

DEMAND
CHECK

DISCHARGE
ISOLATION
VALVE

S5
D.P.

TEST PORT
(N.C.)

CUSTOMER
DISCHARGE
CONNECTION

S6
CO
ppm

DISCHARGE
ISOLATION
VALVE

PRESS. GAUGE

PRESS. GAUGE

DIFFERENTIAL
PRESS. INDICATOR

FILTER
W/AUTO DRAIN

DESICCANT
AIR DRYER

DIFFERENTIAL
PRESS. INDICATOR

FILTER

PRESS.
REGULATOR

PRESS.
RELIEF
75 PSI

TEST PORT

PRESS. INDICATOR

ISOLATION
VALVE

TEST
VALVE
(N.C.)

RELIEF
VALVE
125 PSI

ISOLATION
VALVE

FLEX
COUPLING

ISOLATION
VALVE

BACK UP
PRES. SW

S4

TANK
OUTLET

TANK
BYPASS
(N.C.)

PRESSURE
TRANSDUCER

S3

TANK
INLET

ISOLATION
VALVE

AIR
RECEIVER

MANUAL
DRAIN VALVE
(N.C.)

SIGHT
GLASS

MANUAL
DRAIN
VALVE

ISOLATION
VALVE

ZERO LOSS
DRAIN VALVE

CHECK
VALVE

CUSTOMER
DRAIN
CONNECTION

AIR LINE
DRAIN LINE
INSTRUMENT LINE
PNEUMATIC FLOW
CONDENSATE FLOW

INSTRUMENTATION DETAILS			
SENSOR	DESCRIPTION	SETTING	ACTION
S1	HIGH INLET VACUUM	2" Hg	SHUTDOWN
S2	HIGH DISCH TEMP	10HP–440°F	SHUTDOWN
		15HP–465°F	
		20HP–495°F	
S3	PRESS TRANSDUCER	0–145PSI	OPERATION
S4	BACKUP PRESS SW.	CUT IN–80PSI CUT OUT–105PSI	BACKUP OPERATION
S5	DP SENSOR	+2" C	ALARM
S6	CO SENSOR	10PPM	ALARM

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Scale: NTS

D

Description:
PNEUMATIC DIAGRAM DX SCROLL
SPC W/DRYER (10-20HP)

Part Number:
4107 8512 02

DN:
HOP240470

Rev:
03

Sheet 1 of 1

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