CIRCOR | HALE HAMILTON

AUTOMATIC CYLINDER FILLING (ACF)

Cylinder/Bottle filling system
for breathing air (BA)
and Diving Air (DA)

YOUR CREATIVE ENGINEERING PARTNER

AUTOMATIC CYLINDER FILLING (ACF)

The Automated Cylinder Filling system is used for filling breathing air (BA) and Diving Air (DA) cylinders/bottles, used in fire-fighting, damage control & diving. Simple and safe to operate and the time spent filing cylinders is greatly reduced. Multiple cylinders can be filled at the same time. The quality of the breathing air produced is assured, with the addition of an online analyser.

Safe Control of High Pressure

Robust design

Over 57 years experience with BA Systems

HIGHLIGHTS

- Reduces the risk inherent in manual control of high-pressure air systems
- Cutting out the drudgery of a repetitive task
- Lean manning
- Multi Bottle Charging
- Can be configured to suit specific charging requirement

IDEAL USES

- EDBA
- SABA
- ELSA

FEATURES AND SPECIFICATIONS

Automation

Proportional Control

Sensor Technology

Simple Push Button Operation

Multi Bottle Charging

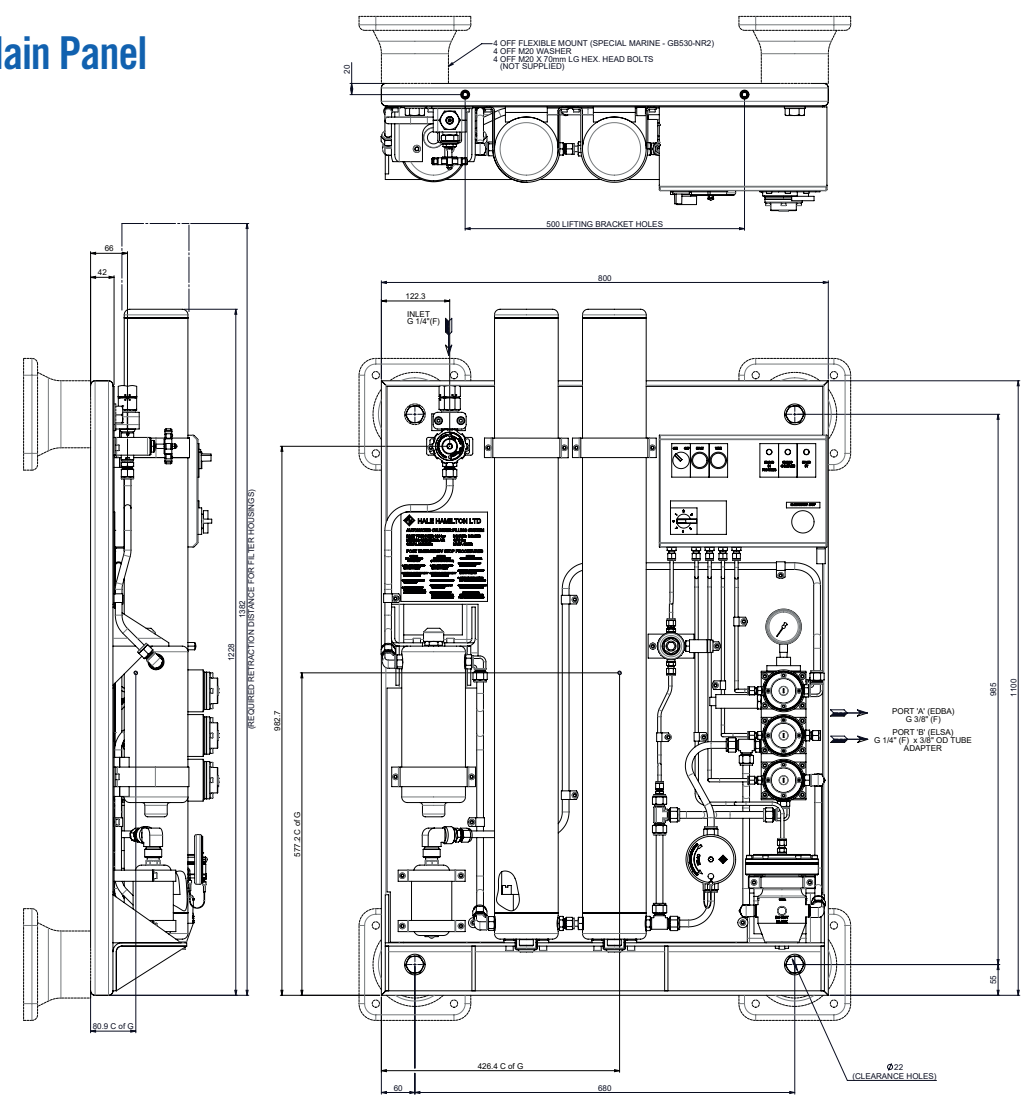
> Consistent cylinder filling time

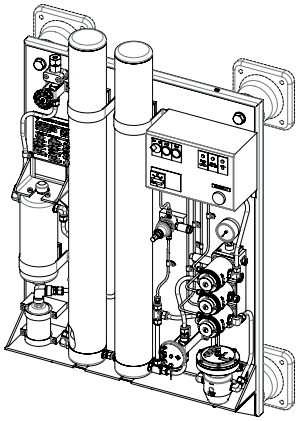
> Accurate cylinder refill pressure

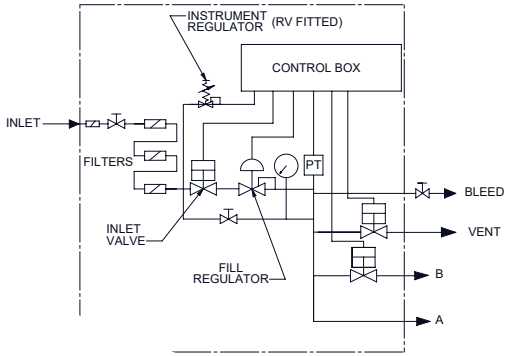
PRODUCT SPECIFICATION DATA	AUTOMATIC CYLINDER FILLING
Function	Cylinder Filling. Cylinder fill valve designed to BSEN144-2. With G5/8 (M) to connect to cylinder. Pre-programmed with various fill profiles to suit different requirements. Outlet pressures to suit EDBA, ELSA, SABA etc
Media	Air
Maximum Rating	MWP 320bar. Max allowable flow rate 2.2Nm3/min
Sealing Materials	To suit application
Fill Pressure	Up to 320 barg
Fill Duration	5 Minutes
Ports	ACF - G1/4 inlet & G1/4 / G3/8 Outlet to Fill panel. Can be engineered to suit any requirement
Repeatability	Better than 0.2% based on fill pressure
Electrical Supply	24V 1A Peak

PRODUCT DIMENSIONS (IN MM)

Main Panel

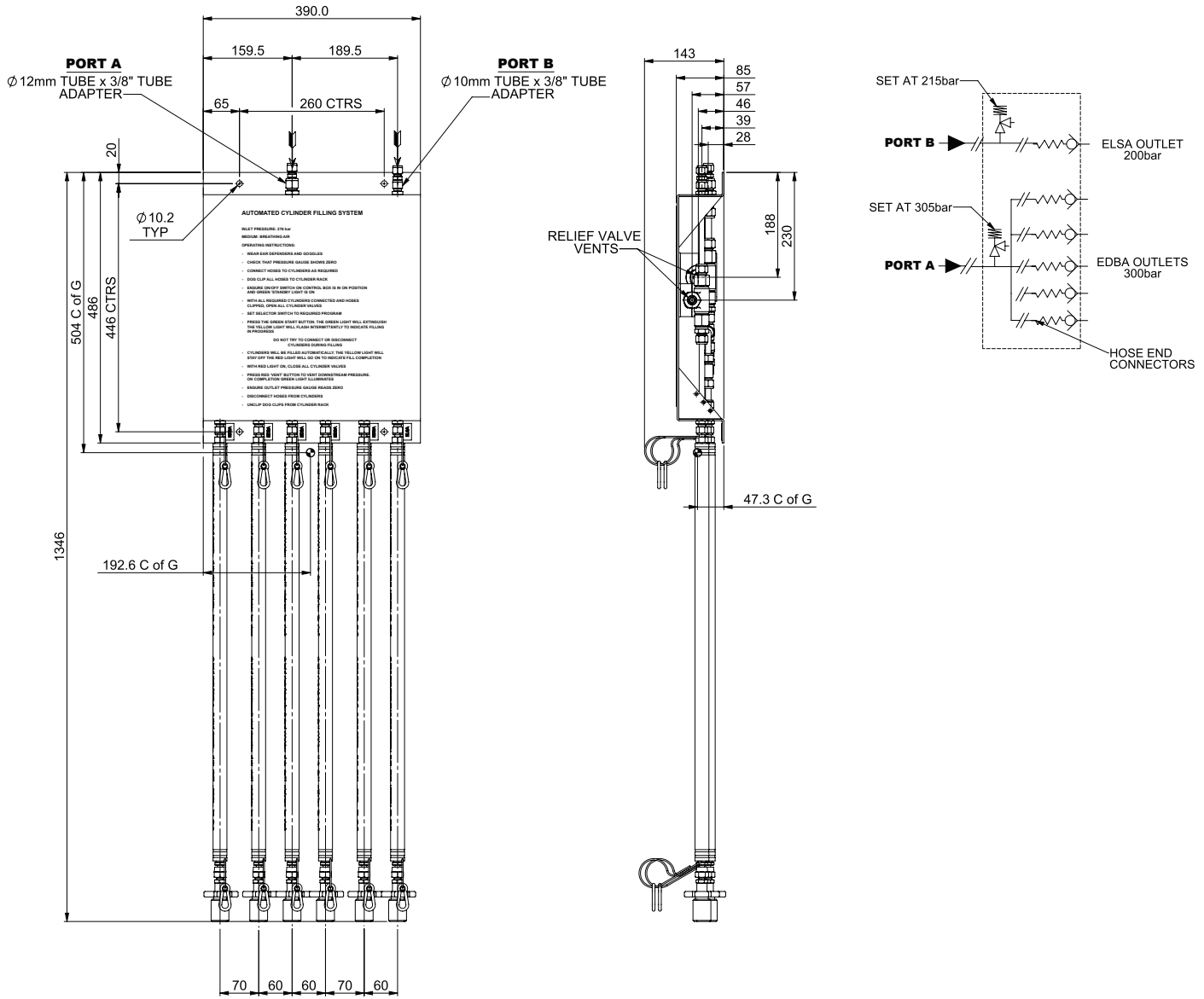






PRODUCT DIMENSIONS (IN MM)

Fill Panel



For further information visit
www.circor.com
or call **+44 (0)1895 236 525**

CIRCOR | HALE HAMILTON